



AGRICULTURAL STATISTICS AT A GLANCE 2015



Government of India
Ministry of Agriculture & Farmers Welfare
Department of Agriculture, Cooperation & Farmers Welfare
Directorate of Economics & Statistics

Agricultural Statistics at a Glance 2015



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Controller of Publication

PDES – 254 (E)
700 -2016 – (DSK-III)

Price: ₹695 /-

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S.K. PATTANAYAK
SECRETARY



भारत सरकार
कृषि एवं किसान कल्याण मंत्रालय
कृषि, सहकारिता एवं किसान कल्याण विभाग
Government of India
Ministry of Agriculture & Farmers Welfare
Department of Agriculture, Cooperation
& Farmers Welfare

MESSAGE

Developments in the agriculture and allied sector of India are of interest to a wide spectrum of people across the world. The Directorate of Economics and Statistics, Department of Agriculture, Cooperation & Farmers Welfare, Government of India annually publishes "Agricultural Statistics at a Glance" to disseminate comprehensive information covering all facets of the agriculture sector. Over the years, this publication has become a trusted source of reference to people and organizations in the academia, business and industry, policy making, plan formulation and monitoring. The wide range of economic indicators and data made available in this publication is an asset for analysis.

It gives me immense pleasure to note that the Directorate has continuously innovated and endeavored to increase the relevance of this publication for all stakeholders by adding information of new areas of concern for the agriculture sector. I am happy that information on insurance coverage and soil health card has also been included. This publication is being simultaneously released electronically on the website of the Department of Agriculture, Cooperation and Farmers Welfare www.agricoop.nic.in and <http://eands.dacnet.nic.in> thus providing easy access to all.

I compliment Shri P.C. Bodh, Adviser and Shri J.P. Rai, the then Research Officer and their team members for their efforts in maintaining excellence in bringing out this volume of "Agricultural Statistics at a Glance 2015".

I am sure that this issue will be found useful by all and look forward to the comments for further value addition.

S.K. Pattanayak
(S.K. Pattanayak)

Date: May 19, 2016

SANGEETA VERMA
S8. Economic & Statistical Adviser



अर्थ एवं सांख्यिकी निदेशालय
कृषि, सहकारिता एवं किसान कल्याण विभाग
कृषि एवं किसान कल्याण मंत्रालय
भारत सरकार
कृषि भवन, नई दिल्ली- 110001
Directorate of Economics & Statistics
Department of Agriculture, Cooperation & Farmers Welfare
Ministry of Agriculture & Farmers Welfare
Government of India
Krishi Bhawan, New Delhi-110001
Tele. : 011-23384036 Telefax : 23382016
E-mail : office.esa-agri@nic.in

Preface

The Directorate of Economics and Statistics collates and analyses data on various aspects of Indian agriculture with a view to assist in policy formulation. Its annual publication "Agricultural Statistics at a Glance" contains time series statistics on a wide range of parameters, such as production and productivity of various crops across States, price support and procurement, land-use, input use, international trade, credit, and insurance.

This issue of the publication brings out the latest available statistics on these aspects. It has also been enriched with additional information on many other parameters. For the first time information related to storage capacity, terms of trade between agriculture and non-agriculture sector, requirement and availability of certified seeds, insured area and agricultural credit disbursal in each state has been included.

A soft copy of the publication may be accessed at our website: www.agricoop.nic.in & <http://eands.dacnet.nic.in/>.

I record my gratitude to all the officers of the Directorate of Economics and Statistics, particularly Shri P.C Bodh and his team for their efforts in bringing out this enriched edition. I am also grateful to the officers of DAC&FW who have provided updated material for the publication and to the other Ministries/Organizations for taking the trouble to send us the data on time. I look forward to comments and suggestions for improvement.



(Sangeeta Verma)

23rd May, 2016

Officers associated with compilation and publication of Glance 2015

Supervision

| | |
|-----------------|------------------|
| Shri P. C. Bodh | Adviser |
| Shri J. P. Rai | Research Officer |

Compilation & Computerization

| | |
|----------------------|----------------------------|
| Shri Ashutosh Sharma | Economic Officer |
| Shri P.S. Gajria | Assistant |
| Shri Manish Yadav | Junior Statistical Officer |
| Smt. Sunita Virmani | DEO (Gr.-A) |
| Shri R.S. Pandey | DEO (Gr.-A) |

Contents

| | Page No. |
|--|----------|
| Message | v |
| Preface | vii |
| Acronyms | xx |
| Conversion Table | xxiv |
| 1. Methodology of Crop Estimation | 1 |
| 2. Socio-Economic Indicators | 9 |
| 2.1 Selected Economic and Social Indicators | 10 |
| 2.2 Population and Growth Rate, 2011 | 13 |
| 2.3(a) Population and Agricultural Workers | 15 |
| 2.3(b) State-wise Classification of Workers 2011 | 16 |
| 2.3 (c) State-wise Classifications of Cultivators 2011 | 21 |
| 2.4 State-wise Percentage of Population Below Poverty Line | 26 |
| 2.5 Population and Labour Force Projection | 28 |
| 2.6(a) Gross Value Added (GVA) by Economic Activity at basic prices (at 2011-12 Prices) | 29 |
| 2.6(b) Gross Value Added (GVA) by Economic Activity at basic prices (at Current Prices) | 31 |

| | | |
|-----------|--|-----------|
| 2.6(c) | Percentage Share of Gross Value Added (GVA) at 2011-12 Prices | 33 |
| 2.6(d) | Percentage Growth of Gross Value Added (GVA) at 2011-12 Prices | 34 |
| 2.6(e) | Gross Domestic Product (GDP) by Economic Activity at Constant Prices (2004-05 Series) | 35 |
| 2.6(f) | Gross Domestic Product (GDP) by Economic Activity at Current Prices (2004-05 Series) | 37 |
| 2.6(g) | Percentage Share of GDP at 2004-05 Prices | 39 |
| 2.6(h) | Percentage Growth of GDP at 2004-05 Prices | 40 |
| 2.7(a) | Gross State Domestic Product from Agriculture and Allied Sector at Constant (2004-05) Prices | 41 |
| 2.7(b) | Gross State Domestic Product from Agriculture (including Livestock) for 2014-15 (at 2004-05 Prices) | 43 |
| 2.8 | Share of Agriculture & Allied Sector in Gross State Domestic Product at Current Prices (2004-05 Series) | 45 |
| 3. | Outlays, Expenditure and Capital Formation in Agriculture | 47 |
| 3.1 | Share of Public Sector Outlays and Expenditure under Agriculture and Allied Activities | 48 |
| 3.2 | Public Sector Outlays / Expenditure | 50 |
| 3.3 | Disaggregated Public Sector Outlays / Expenditure under Agriculture and Allied Activities | 52 |
| 3.4(a) | Budget Estimate, Revised Estimate and Actual Expenditure of Department of Agriculture, Cooperation and Farmers Welfare | 54 |
| 3.4(b) | Budget Estimate, Revised Estimate and Actual Expenditure of Department of Animal Husbandry, Dairying and Fisheries | 55 |
| 3.4(c) | Budget Estimate, Revised Estimate and Actual Expenditure of Department of Agricultural Research and Education | 56 |
| 3.5(a) | Scheme-wise Budget Estimate and Expenditure (Department of Agriculture, Cooperation and Farmers Welfare) | 57 |
| 3.5(b) | Scheme-wise Budget Estimate and Expenditure (Department of Animal Husbandry and Fisheries) | 59 |

| | | |
|--|--|-----------|
| 3.6(a) | Gross Capital Formation in Agriculture & Allied Sector (at current prices, 2004-05 series) | 61 |
| 3.6(b) | Gross Capital Formation in Agriculture & Allied Sector (at current prices, 2011-12 series) | 62 |
| 3.6(c) | Gross Capital Formation in Agriculture & Allied Sector (at constant prices, 2004-05) | 63 |
| 3.6(d) | Gross Capital Formation in Agriculture & Allied Sector (at constant prices, 2011-12) | 64 |
| 3.7(a) | Public and Private Investment in Agriculture and Allied Sectors in Total GDP at Market Prices (2004-2005 prices) | 65 |
| 3.7(b) | Public and Private Investment in Agriculture and Allied Sectors in Total GDP at Market Prices (2011-12 prices) | 66 |
| 3.8(a) | Share(%) of GCF to GDP in Agriculture and Allied Sectors | 67 |
| 3.8(b) | Share(%) of GCF to GVA in Agriculture and Allied Sectors | 68 |
| 4 Area, Production and Yield of Principal Crops | | 69 |
| 4(A) Area, Production and Yield alongwith coverage under Irrigation | | 69 |
| 4.1(a) | Target and Achievement of Production of Major Crops during Tenth Five Year Plan | 70 |
| 4.1(b) | Target and Achievement of Production of Major Crops during Eleventh and Twelfth Five Year Plans | 71 |
| 4.2 | Three Largest Producing States of Important Crops | 72 |
| 4.3 | Normal Estimates (average of 2007-08 - 2011-12) Area, Production and Yield of Major Crops in India | 74 |
| 4.4 | Season-wise Area, Production and Yield of Food grains | 76 |
| 4.5(a) | Foodgrains - All India | 79 |
| 4.5(b) | Foodgrains - Major States | 81 |
| 4.6(a) | Rice - All India | 83 |
| 4.6(b) | Rice - Major States | 85 |
| 4.7(a) | Wheat - All India | 86 |
| 4.7(b) | Wheat - Major States | 88 |

| | | |
|---------|-----------------------------------|-----|
| 4.8(a) | Coarse Cereals - All India | 89 |
| 4.8(b) | Coarse Cereals - Major States | 91 |
| 4.9(a) | Jowar - All India | 93 |
| 4.9(b) | Jowa - Major States | 95 |
| 4.10(a) | Bajra - All India | 96 |
| 4.10(b) | Bajra - Major States | 98 |
| 4.11(a) | Maize - All India | 99 |
| 4.11(b) | Maize - Major States | 101 |
| 4.12(a) | Total Pulses - All India | 102 |
| 4.12(b) | Total Pulses - Major States | 104 |
| 4.13(a) | Gram - All India | 105 |
| 4.13(b) | Gram - Major States | 107 |
| 4.14(a) | Tur (Arhar) - All India | 108 |
| 4.14(b) | Tur (Arhar) - Major States | 110 |
| 4.15(a) | Lentil (Masur) - All India | 111 |
| 4.15(b) | Lentil (Masur) - Major States | 113 |
| 4.16(a) | Nine Oilseeds - All India | 114 |
| 4.16(b) | Nine Oilseeds - Major States | 116 |
| 4.17(a) | Groundnut - All India | 117 |
| 4.17(b) | Groundnut - Major States | 119 |
| 4.18(a) | Rapeseed & Mustard - All India | 120 |
| 4.18(b) | Rapeseed & Mustard - Major States | 122 |
| 4.19(a) | Soya Bean - All India | 123 |
| 4.19(b) | Soya Bean - Major States | 125 |
| 4.20(a) | Sunflower - All India | 126 |
| 4.20(b) | Sunflower - Major States | 128 |
| 4.21(a) | Cotton - All India | 129 |
| 4.21(b) | Cotton - Major States | 131 |
| 4.22(a) | Jute & Mesta - All India | 132 |
| 4.22(b) | Jute & Mesta - Major States | 134 |
| 4.23(a) | Sugarcane - All India | 135 |
| 4.23(b) | Sugarcane - Major States | 137 |
| 4.24(a) | Tobacco - All India | 138 |

| | | |
|---|---|------------|
| 4.24(b) | Tobacco - Major States | 140 |
| 4.25 | All-India Area, Production and Yield of Guarseed and Sunhemp | 141 |
| 4.26 | Production of Oilseeds/Oils and Net Domestic Availability of Edible Oils | 142 |
| 4.27 | State wise Quantity of Crude Palm Oil (CPO) under Oil Palm Development Programme (OPDP) | 144 |
| 4.28(a) | State-wise Production of Oil Palm Fresh Fruit Bunches under Oil Palm Development Programme (OPDP) | 145 |
| 4.28(b) | Target and Achievement of Area under Oil Palm Development Programme (OPDP) of ISOPOM | 146 |
| 4.28(c) | Area Covered Under Oil Palm Development Programme | 147 |
| 4 (B) Yield Rates of Principal Crops | | 148 |
| 4.1.1 | All India Estimate of yield of Major Crops | 149 |
| State-wise yield | | |
| 4.1.2 | Kharif Foodgrains | 151 |
| 4.1.3 | Rabi Foodgrains | 153 |
| 4.1.4 | Total Foodgrains | 155 |
| 4.1.5 | Rice | 157 |
| 4.1.6 | Wheat | 162 |
| 4.1.7 | Bajra | 164 |
| 4.1.8 | Maize | 165 |
| 4.1.9 | Total Pulses | 168 |
| 4.1.10 | Gram | 170 |
| 4.1.11 | Tur | 172 |
| 4.1.12 | Total Oilseeds | 174 |
| 4.1.13 | Kharif Oilseeds | 176 |
| 4.1.14 | Rabi Oilseeds | 178 |
| 4.1.15 | Groundnut | 180 |
| 4.1.16 | Rapeseed & Mustard | 182 |
| 4.1.17 | Linseed | 184 |
| 4.1.18 | Safflower | 185 |
| 4.1.19 | Sunflower | 186 |

| | | |
|--------|---------|-----|
| 4.1.20 | Soybean | 188 |
|--------|---------|-----|

4 (C) Area and Yield of Cereal Crops covered under Crop Estimation Survey (CES) 189

Area under High Yielding Varieties in Major States

| | | |
|-------|-------|-----|
| 4.2.1 | Rice | 190 |
| 4.2.2 | Jowar | 192 |
| 4.2.3 | Bajra | 193 |
| 4.2.4 | Maize | 194 |
| 4.2.5 | Wheat | 196 |

Yield of Local Varieties in Major States

| | | |
|--------|-------|-----|
| 4.2.6 | Rice | 197 |
| 4.2.7 | Jowar | 200 |
| 4.2.8 | Bajra | 201 |
| 4.2.9 | Maize | 202 |
| 4.2.10 | Wheat | 204 |

Yield of High Yielding Varieties in Major States

| | | |
|--------|-------|-----|
| 4.2.11 | Rice | 205 |
| 4.2.12 | Jowar | 208 |
| 4.2.13 | Bajra | 209 |
| 4.2.14 | Maize | 210 |
| 4.2.15 | Wheat | 212 |

5. Area, Production and Yield of Horticulture & Plantation Crops 213

| | | |
|--------|--|-----|
| 5.1 | Area and Production of Horticulture Crops | 214 |
| 5.2 | State wise Area, Production of various Horticultural Crops | 218 |
| 5.3(a) | Potato – All India | 220 |
| 5.3(b) | Potato – Major States | 222 |
| 5.4(a) | Onion – All India | 223 |
| 5.4(b) | Onion – Major States | 224 |
| 5.5(a) | Coconut – All India | 225 |
| 5.5(b) | Coconut – Major States | 226 |
| 5.6(a) | Cashewnut – All India | 227 |
| 5.6(b) | Cashewnut – Major States | 228 |
| 5.7 | Arecanut and Banana – All India | 229 |

| | | |
|-----------|--|------------|
| 5.8 | Garlic and Ginger – All India | 230 |
| 5.9 | Sweet Potato and Tapioca – All India | 231 |
| 5.10 | Turmeric, Chilies and Coriander - All India | 232 |
| 5.11 | Cardamom and Pepper – All India. | 234 |
| 6. | All India Index Numbers of Area, Production, Yield and Terms of Trade | 235 |
| 6.1 | All India Index Numbers of Area of Principal Crops | 236 |
| 6.2 | All India Index Numbers of Production of Principal Crops | 239 |
| 6.3 | All India Index Numbers of Yield of Principal Crops | 242 |
| 6.4(a) | Terms of Trade between Farmers and Non-Farmers | 245 |
| 6.4(b) | Terms of Trade between Agriculture and Non-Agricultural sectors | 246 |
| 7. | Area, Production and Yield of Major Crops in Different Countries | 247 |
| 7.1 | Area, Production and Yield of Principal Crops in various countries during 2013 | 248 |
| 7.2 | India's Position in World Agriculture during 2013 | 250 |
| 8. | Minimum Support Prices/ Marketed Surplus Ratios | 252 |
| 8.1 | Minimum Support Prices of Various Agriculture Commodities. | 253 |
| 8.2 | Central Issue Prices of Rice, Wheat and Coarse Grains | 255 |
| 8.3 | Cost Estimates of Principal Crops-2012-13 | 256 |
| 8.4 | Marketed Surplus Ratio (MSR) of Important Agricultural Commodities in various States | 261 |
| 9. | Procurement by Public Agencies | 267 |
| 9.1(a) | State-wise Procurement of Rice and Wheat in Major Producing States | 268 |
| 9.1(b) | State-wise Procurement of Coarse Grains in Major Producing States | 270 |
| 9.2(a) | State wise Cotton Purchases by Cotton Corporation of India | 271 |
| 9.2(b) | Procurement of Cotton by NAFED | 272 |
| 9.3 | State-wise Purchases of Raw Jute | 273 |
| 9.4 | Procurement of Oilseeds by NAFED under Price Support Scheme (PSS) | 274 |

| | | |
|--|--|------------|
| 9.5 | Procurement of Onion by NAFED under Market Intervention Scheme | 276 |
| 10. Per Capita Net Availability | | 277 |
| 10.1 | Per Capita Net Availability of Food grains (Per Annum) in India | 278 |
| 10.2 | Per Capita Net Availability of Food grains (Per Day) in India | 280 |
| 10.3 | Per Capita Availability of Certain Important Articles of Consumption | 282 |
| 10.4(a) | Trends in percentage composition of consumer expenditure since 1993-94 | 284 |
| 10.4(b) | Per capita Consumption of Different Commodities | 285 |
| 11. Stock, Consumption and Storage Capacity | | 287 |
| 11.1(a) | Stock of Foodgrains in the Central Pool | 288 |
| 11.1(b) | Existing Buffer Stock Norms for Foodgrains | 289 |
| 11.2 | Consumption and Stocks of Raw Jute | 290 |
| 11.3(a) | State-wise Storage capacity | 291 |
| 11.3(b) | State-wise Cold Storage capacity | 292 |
| 11.3(c) | State-wise Storage capacity sanctioned under Infrastructure Scheme for Agricultural Marketing (ISAM) | 293 |
| 12. Imports/ Exports/ Inflation Rates | | 295 |
| 12.1 | India's Imports and Exports of Agricultural Commodities | 296 |
| 12.2 | India's Imports of Agricultural Products | 297 |
| 12.3 | India's Exports of Agricultural Products | 303 |
| 12.4 | Tariffs and Bound Rates on Major Agricultural Commodities/Groups | 309 |
| 12.5(a) | Trends in Wholesale Price Index of Food grains | 312 |
| 12.5(b) | Growth Rates of Wholesales price Index of Food grains | 313 |
| 12.6(a) | Trends in Wholesale Price Index of Commercial Crops | 314 |
| 12.6(b) | Growth rate of Wholesale Price Index of Commercial Crops | 316 |
| 13. Land Use Statistics | | 318 |
| 13.1 | Agricultural Land by Use in India | 319 |
| 13.2 | Selected Categories of Land Use | 323 |
| 13.3 | Gross Cropped Area Percentage Distribution | 325 |

| | | |
|-------------------|--|------------|
| 13.4 | State-wise Percent coverage of Irrigated Area under Principal Crops during 2012-13 | 326 |
| 13.5 | Agricultural Land by Type of Use | 330 |
| 13.6 | Potential Created under Accelerated Irrigation Benefit Programme (AIBP) | 338 |
| 13.7 | State-wise Area covered under Micro Irrigation | 340 |
| 14. Inputs | | 341 |
| 14.1 | Production and Use of Agricultural Inputs in India | 342 |
| 14.2 | All-India Consumption of Fertilizers in Terms of Nutrients (N, P & K) | 344 |
| 14.3 | Consumption, Production and Import of Fertilizers | 345 |
| 14.4(a) | State-wise Consumption of Fertilizers | 347 |
| 14.4(b) | State-wise Estimated Consumption of Fertilizer per Hectare | 349 |
| 14.5(a) | Fertilizer Consumption per Hectare of Agricultural Land in selected Countries] | 351 |
| 14.5(b) | Fertilizer Consumption of Arable Land & Land under permanent Crops in selected Countries | 353 |
| 14.6(a) | Application of Fertilizers on Paddy and Wheat in India | 355 |
| 14.6(b) | Status of Soil Health Card Scheme | 357 |
| 14.7(a) | Crop-wise Requirement and Availability of Certified/ Quality Seeds | 358 |
| 14.7(b) | Crop-wise Distribution of Certified/ Quality Seeds | 360 |
| 14.7(c) | Crop-wise Requirement and Availability of Certified/ Quality of Hybrid Seeds | 362 |
| 14.8(a) | Consumption of Electricity for Agricultural Purposes | 363 |
| 14.8(b) | State-wise Consumption of Electricity for Agriculture purpose | 364 |
| 14.9(a) | Flow of Institutional Credit to Agriculture Sector | 365 |
| 14.9(b) | State-wise Agriculture loan disbursed during 2014-15 | 366 |
| 14.10 | State-wise and Agency-wise Kisan Credit Cards (KCCs) Issued and Amount outstanding | 368 |
| 14.11(a) | State-wise National Agricultural Insurance Scheme (NAIS) | 370 |
| 14.11(b) | Season- wise National Agricultural Insurance Scheme (NAIS) | 372 |
| 14.12(a) | State-wise Weather Based Crop Insurance Scheme (WBCIS) | 375 |

| | | |
|--|--|------------|
| 14.12(b) | Season- wise Weather Based Crop Insurance Scheme (WBCIS) | 376 |
| 14.13(a) | State-wise Modified National Agricultural Insurance Scheme (MNAIS) | 378 |
| 14.13(b) | Season- wise Pilot Modified National Agricultural Insurance Scheme (MNAIS) | 379 |
| 14.14 | Pilot Coconut Palm Insurance Scheme (CPIS) | 380 |
| 14.15(a) | State-wise crop area insured under all Insurance Schemes | 381 |
| 14.15(b) | Crop-wise crop area insured under all Insurance Schemes | 383 |
| 14.16(a) | Year-wise sale of Tractors and Power Tillers | 384 |
| 14.16(b) | State-wise sale of Tractors during 2014-15 | 384 |
| 15. Agricultural Census (2010-11) | | 385 |
| 15.1 | Number and Area of Operational Holdings by Size Group | 386 |
| 15.2(a) | Number of Operational Holdings by Size Group | 387 |
| 15.2(b) | Area of Operational Holdings by Size Group | 389 |
| 15.3 | Average Size of Holdings by Size Group | 391 |
| 15.4 | Estimated Number of Operational Holdings by Size Classes and Irrigation Status | 392 |
| 15.5 | Area Irrigated by different Source of Irrigation by Size Classes | 393 |
| 15.6 | Irrigated and Un-irrigated Area by Size Classes under different Crops Input Survey(2006-07) | 394 |
| 15.7 | Usage of Chemical Fertilizers, Farm Yard Manure and Pesticides by major Size Group | 395 |
| 15.8 | Estimates of Institutional Credit taken for Agricultural purposes by Size Groups | 397 |
| 15.9 | Total Institutional Credit taken for Agriculture purposes by Size Groups | 399 |
| 16. Situation of Agricultural Households in India | | 400 |
| 16.1 | Estimated Number of Rural Households, Agricultural Households and Indebted Agricultural Households | 401 |
| 16.2 | Indebtedness of Agricultural Households (all-India) in different Size Classes of Land Possessed | 403 |
| 16.3 | Incidence of Indebtedness in Major States | 404 |

| | | |
|--|---|------------|
| 16.4 | Incidence of Indebtedness based on size of land possessed | 405 |
| 17. Ceiling on Land Holdings and Wages for Agricultural Workers | | 406 |
| 17.1 | Ceilings on Land Holdings | 407 |
| 17.2 | Minimum Rates of Wages for Farm Workers fixed by States/UTs | 408 |
| 18. Livestock | | 410 |
| 18.1 | Livestock Population in India | 411 |
| 18.2 | All India Production of Milk, Eggs and Wool | 412 |
| 18.3 | State-wise production of Milk, Eggs, Meat and Wool | 413 |
| 19. Fish Production | | 417 |
| 19.1 | Fish Production in India | 418 |
| 19.2 | State-wise Production of Fish | 419 |
| 20. Rainfall Scenario and Management of Natural Disasters | | 421 |
| 20.1 | Annual Rainfall Scenario during 2014 and 2015 | 422 |
| 20.2 | Performance of South West Monsoon | 424 |
| 20.3 | All India Rainfall Distribution from 1992-93 to 2014-15 | 425 |
| 20.4 | Broad region wise Rainfall Distribution from 2005 to 2013 | 426 |
| 20.5 | Rainfall in 2015 | 427 |
| 20.6 | Brief History of Most Intense Cyclones from 1970 to 2013 | 429 |
| 21. Conversion Factors between Important Primary and Secondary Agricultural Commodities | | 437 |
| 22. List of Studies Conducted by Agro-Economic Research Centres | | 440 |
| Appendices | | 450 |
| I | Explanatory Notes | 451 |
| II | Methodology on Index Numbers | 453 |
| III | Glossary of English, Botanical and Hindi Names of Important Crops | 455 |
| IV | Crop Calendar of Major Crops | 458 |
| V | Harvesting Season of Major Fruits | 474 |
| VI | Harvesting Season of Major Vegetables | 476 |
| VII | Seed Rate of Sowing for Important Field Crops | 478 |

Acronyms

| | |
|--------|--|
| A&N | Andaman & Nicobar Island |
| AAY | Antyodaya Anna Yojana |
| AE | Advance Estimate |
| AGDP | Gross Domestic Product from Agriculture |
| Ant. | Anticipated |
| APL | Above Poverty Line |
| BE | Budget Estimates |
| BPL | Below Poverty Line |
| CACP | Commission for Agricultural Costs and Prices |
| CBB | Commercial Bank Branch |
| CCE | Crop Cutting Experiments |
| CCI | Cotton Corporation of India |
| CD | Community Development |
| CDSBO | Crude Degummed Soyabean Oil |
| CES | Crop Estimation Surveys |
| CFA | Central Financial Agency |
| CIF | Cost, Insurance & Freight |
| CIP | Central Issue Price |
| CPI-IW | Consumer Price Index for Industrial Workers |
| CSO | Central Statistics Office |

Acronyms

| | |
|------------------|---|
| CWWG | Crop Weather Watch Group |
| DAC&FW | Department of Agriculture, Cooperation & Farmers Welfare |
| DAHDF | Department of Animal Husbandry Dariying and Fisheries |
| DAP | Di Ammonium Phosphate |
| DES | Directorate of Economics and Statistics |
| E | Estimated |
| EARAS | Establishment of an Agency for Reporting of Agricultural Statistics |
| FAO | Food and Agriculture Organisation of United Nations |
| FAQ | Fair Average Quality |
| F2 | Black Soil |
| F-414/H-777/J-34 | Cotton variety (of Medium Staple Length) |
| H-4/H-6 | Cotton variety (of Long Staple Length) |
| FCI | Food Corporation of India |
| FDI | Foreign Direct Investment |
| FFB | Fresh Fruit Bunch |
| FOD | Field Operations Division of NSSO |
| FRL | Full Reservoir Level |
| FYM | Farm Yard Manure |
| GCA | Gross Cropped Area |
| GCES | General Crop Estimation Survey |
| GCF | Gross Capital Formation |
| GDP | Gross Domestic Product |
| GNP | Gross National Product |
| GSDP | Gross State Domestic Product |
| GVA | Gross Value Added |
| Ha | Hectares |
| HYV | High Yielding Varieties |
| I | Irrigated |
| IAS | Improvement of Agricultural Statistics |
| ICOR | Incremental Capital Output Ratio |
| ICS | Improvement of Crop Statistics |
| ISOPOM | Integrated Scheme of Oilseeds, Pulses, Oilpalm and Maize |
| K | Potash |
| Kgs | Kilograms |
| KMPH | Kilometers Per Hour |
| KWH | Kilo Watt Hour |

Agricultural Statistics at a glance 2015

| | |
|---------|--|
| LS | Light Soil |
| LPCPD | Litres Per Capita Per Day |
| MSCCGMF | Maharashtra State Co-operative Cotton Growers Marketing Federation |
| MIS | Market Intervention Scheme |
| MSP | Minimum Support Price |
| MSR | Marketed Surplus Ratio |
| N | Nitrogen |
| NA | Not Available/Not Announced |
| NC | Not Collected |
| NQ | Not Quoted |
| NAFED | National Agricultural Co-operative Marketing Federation of India Limited |
| NCAER | National Council of Applied Economic Research |
| NDBB | National Dairy Development Board |
| Neg. | Negligible |
| NMOOP | National Mission on Oilseed & Oilpalm |
| NNP | Net National Product |
| NR | Not Recommended/Not Reported |
| NSA | Net Sown Area |
| NSSO | National Sample Survey Office |
| OECD | Organisation of Economic Cooperation and Development |
| OPDP | Oil Palm Development Programme |
| P | Provisional/Phosphate |
| PACS | Primary Agricultural Credit Society |
| Pd. | Per day |
| PDS | Public Distribution System |
| PLDB | Primary Land Development Bank |
| PSE | Producers Support Estimate |
| PSEs | Public Sector Enterprises |
| PSS | Price Support Scheme |
| QE | Quick Estimate |
| R | Revised |
| R&D | Research & Development |
| R&M | Rapeseed & Mustard |
| RMC | Regional Ministers Conference |
| RE | Revised Estimates |

Acronyms

| | |
|------|---|
| RRBB | Regional Rural Bank Branch |
| SCB | State Cooperative Bank |
| SDP | State Domestic Product |
| SASA | State Agricultural Statistical Authority |
| SHC | Soil Health Card |
| SLDB | State Land Development Bank |
| SRS | Sample Registration Scheme |
| SSP | Single Super Phosphate |
| T | Target |
| T E | Triennium Ending |
| TD-5 | A Variety of Jute |
| TPDS | Targeted Public Distribution System |
| TRQ | Tariff Rate Quota |
| TRMM | Tropical Rains Measuring Mission |
| TT | Tentative Targets |
| U K | United Kingdom |
| USA | United States of America |
| UI | Un-irrigated |
| UT | Union Territory |
| WPI | Wholesale Price Index |
| WTO | World Trade Organisation |
| Y | Yield (Index Number of Yield) per hectare |

Conversion Table

Length

| | | |
|------------------|---|-----------------|
| 1 kilometre (km) | = | 1000 metres (m) |
| 1 km | = | 0.6214 miles |
| 1 m | = | 1.0936 yards |
| 1 m | = | 3.2808 feet |
| 1 mile | = | 1760 yards |
| 1 mile | = | 1.609 km |
| 1 yard | = | 0.9144 m |
| 1 foot | = | 0.3048 m |

Area

| | | |
|-----------------|---|---------------------|
| 1 km^2 | = | 100 hectares (ha) |
| 1 km^2 | = | 0.3861 square mile |
| 1 km^2 | = | 247.105 acres |
| 1 m^2 | = | 10.7639 square feet |
| 1 ha | = | 10,000 m^2 |
| 1 ha | = | 2.4711 acres |

| | | |
|---------------|---|------------------------|
| 1 square mile | = | 2.59 km^2 |
| 1 acre | = | 0.4047 ha |
| 1 acre | = | 4046.86 m ² |
| 1 acre | = | 4840 square yard |
| 1 square yard | = | 9 square feet |
| 1 square yard | = | 0.8361 m ² |
| 1 square foot | = | 0.0929 m ² |

Weight

| | | |
|----------|---|--------------------|
| 1 tonne | = | 1000 kg |
| 1 tonne | = | 1.1023 US ton |
| 1 US ton | = | 0.9072 tonnes |
| 1 hg | = | 100 gram |
| 1 kg | = | 2.2046 pounds (lb) |
| 1 kg | = | 35.274 ounce (oz) |
| 1 lb | = | 0.4536 kg |
| 1 oz | = | 28.3495 gram |

Units

| | | |
|-----------|---|--------------|
| 1 crore | = | 10 million |
| 1 million | = | 10 lakh |
| 1 lakh | = | 100000 |
| 1 billion | = | 1000 million |

1

Methodology of Crop Estimation

1.1 Introduction

The Directorate of Economics and Statistics (DES) releases estimates of area, production and yield in respect of principal crops of food grains, oilseeds, sugarcane, fibers and important commercial and horticulture crops. These crops together account for nearly 80% of agriculture output. The estimates of crop production are obtained by multiplication of area estimates by corresponding yield estimates. The estimates of area and yield rates assume prime importance in the entire gamut of agricultural statistics.

1.2 Area Statistics

From the point of view of collection of area statistics, the States in the country are divided into three broad categories. The first category covers States and UTs which are cadastrally surveyed and the area and land use statistics are built up as a part of the land records maintained by the revenue agencies, these States are called “Land Record States” or temporarily settled states. This system is followed in 17 major states of Andhra Pradesh, Assam (excluding hilly districts), Bihar, Chhattisgarh, Gujarat, Haryana, Himachal Pradesh, Jammu & Kashmir, Jharkhand, Karnataka, Madhya Pradesh, Maharashtra, Punjab, Rajasthan, Tamil Nadu, Uttar Pradesh and Uttarakhand and 4 UTs of Chandigarh, Delhi, Dadra & Nagar Haveli and Puducherry. These States/

UTs account for about 86% of reporting area and are covered under Timely Reporting Scheme (TRS) under which 20% villages are selected at random for complete area enumeration.

The second category includes those States where area statistics are collected on the basis of sample surveys conducted under the scheme of Establishment of an Agency for Reporting of Agricultural Statistics (EARAS). This scheme was introduced in Kerala, Odisha and West Bengal, and later extended to Arunachal Pradesh, Nagaland, Sikkim and Tripura. The scheme envisages, inter-alia, estimation of area through sample surveys in a sufficiently large sample of 20% villages/ investigator zones. These states account for about 9% of reporting area.

The third category covers the hilly districts of Assam, the rest of North-Eastern states (other than Arunachal Pradesh, Nagaland, Tripura and Sikkim), Goa, UTs of Andaman & Nicobar Islands, Daman & Diu and Lakshwadeep where no reporting agency had been functioning. In this category of states, work of collection of Agricultural Statistics is entrusted with the village headmen. The area statistics in these states are based on impressionistic approach. These areas/states account for 5% of the reporting area.

1.3 Yield Estimates

The second most important component of production statistics is yield rates. The yield estimates of major crops are obtained through analysis of Crop Cutting Experiments (CCE) conducted under scientifically designed General Crop Estimation Surveys (GCES). At present over 95% of the production of foodgrains is estimated on the basis of yield rates obtained from the CCEs. Field Operations Divisions (FOD) of the National Sample Survey Organization (NSSO) has been providing technical guidance to the States and Union territories for organizing and conducting Crop Estimation Surveys for estimating yield rates of principal crops. In addition, NSSO in collaboration with States/Union Territories implements sample check programmes on area enumeration work, area aggregation and conduct of crop cutting experiments under the Scheme for Improvement of Crop Statistics (ICS). While executing the programme of sample checks on crop cutting experiments, the FOD associates itself with the operational aspects of the conduct of crop cutting experiments right from selection of sample villages, training of field staff to the supervision of field work, and in the process gathers micro level information relating to conduct of crop cutting experiments for estimation of crop yield. The results of Crop Estimation Surveys are analyzed and annual publication entitled “Consolidated Results of Crop Estimation Surveys on Principal Crops” is brought out by the NSSO regularly.

The primary objective of GCES is to obtain fairly reliable estimates of average yield of principal food and non-food crops for States and UTs which

are important from the point of view of crop production. The estimates of yield rates thus arrived at are generally adopted for the purposes of planning, policy formulation and implementation. The CCEs consist of identification and marking of experimental plots of a specified size and shape in a selected field on the principle of random sampling, harvesting and threshing the produce and recording of the harvested produce for determining the percentage recovery of dry grains or the marketable form of the produce.

1.4 Coverage

The crop-wise details of number of experiments planned under GCES during **2011-12** are given in Table 1.1

Table 1.1 Experiments Planned under GCES during 2011-12

| Crop Type/Crop | No. of experiments Planned | | |
|--------------------------|----------------------------|---------------|---------------|
| | Kharif | Rabi | Total |
| 1. Food Crops | | | |
| Paddy | 187194 | 31790 | 218984 |
| Wheat | - | 171952 | 171952 |
| Jowar | 22986 | 15098 | 38084 |
| Bajra | 34512 | 864 | 35376 |
| Maize | 44288 | 3592 | 47880 |
| Ragi | 10168 | 1334 | 11502 |
| Barley | - | 6546 | 6546 |
| Gram | - | 37527 | 37527 |
| Sugarcane* | 28813 | 355 | 29168 |
| Other Crops | 110244 | 59581 | 169825 |
| Total | 438205 | 328639 | 766844 |
| 2. Non-Food Crops | | | |
| Groundnut | 21831 | 6919 | 28750 |
| Sesamum | 18445 | 3422 | 21867 |
| Castor | 2620 | - | 2620 |
| Rape & Mustard | - | 41068 | 41068 |
| Linseed | - | 4601 | 4601 |
| Cotton | 19518 | - | 19518 |
| Jute | 3247 | - | 3247 |
| Mesta | 886 | - | 886 |
| Other Crops | 20566 | 16650 | 37216 |
| Total | 87113 | 72660 | 159773 |
| Total (1+2) | 525318 | 401299 | 926617 |
| Grand Total | | | 926617 |

Source: AS Wing, NSSO (FOD), Faridabad

* 355 experiments of Sugarcane are of Rabi season in West Bengal.

1.5 Sampling Design

Stratified multi-stage random sampling design is generally adopted for carrying out GCES with tehsils/ taluks/ revenue inspector circles/ CD blocks/ anchals, etc., as strata, revenue villages within a stratum as first stage unit of sampling, survey numbers/fields within each selected village as sampling unit at the second stage and experimental plot of a specified shape and size as the ultimate unit of sampling as depicted in figure 1.1

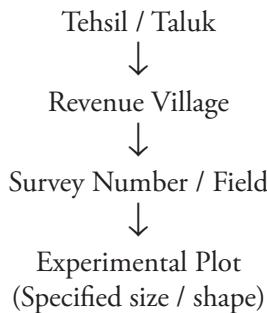


Figure 1.1: Sampling Design for GCES

In each selected primary unit, generally 2 survey numbers/fields growing the experimental crop are selected for conducting CCE. Generally, 80-120 experiments are selected in a major crop growing district, where a district is considered as major for a given crop if the area under the crop in the district exceeds 80,000 hectares or lies between 40,000 and 80,000 hectares but exceeds the average area per district in the State. Otherwise, the district is considered as minor for a given crop. Experiments in minor districts are so adjusted that the precision of the estimates is fairly high and the workload on the field staff is manageable. On an average, about 44 or 46 experiments are planned in a minor district. The number of experiments allotted to a district is distributed among the strata within the district roughly in proportion to the area under the crop in the stratum.

1.6 Advance Estimates of Area and Production

The period of an agricultural crop year is from July to June, during which various farm operations from preparation of seed bed, nursery, sowing, transplanting various inter-culture operations, harvesting, threshing etc. are carried out. Different crops are grown during the agricultural seasons in a crop year.

Final estimates of production based on complete enumeration of area and yield through crop cutting experiments become available much after the crops are actually harvested. However, the Government requires advance

estimates of production for taking various policy decisions relating to pricing, marketing, export/import, distribution, etc. Considering the genuine requirement of crop estimates much before the crops are harvested for various policy purposes, a time schedule of releasing the advance estimates has been evolved. These estimates of crops are prepared and released at four points of time during a year as enumerated below.

1.7 First Advance Estimates

The first advance estimates of area and production of kharif crops are prepared in September every year, when south-west monsoon season is about to be over and kharif crops are at an advanced stage of maturity. This coincides with the holding of the National Conference of Agriculture for Rabi Campaign, where the State Governments give rough assessment of their respective kharif crops. The assessment is made by the State Governments based on the reports from the field offices of the State Department of Agriculture. They are mainly guided by visual observations. These are validated on the basis of inputs from the proceedings of Crop Weather Watch Group (CWWG) meetings, and other feedback such as relevant availability of water in major reservoirs, availability/supply of important inputs including credit to farmers, rainfall, temperature, irrigation etc.

1.8 Second Advance Estimates

The second advance estimates are made in the month of January every year when the advance estimates of kharif crops prepared during the National Conference of Agriculture for Rabi Campaign may undergo a revision in the light of flow of more precise information from the State Governments. Around this time, the first advance estimates of rabi crops are also prepared. The Second Advance Estimates then cover the second assessment in respect of Kharif Crops and the first assessment in respect of Rabi Crops.

1.9 Third Advance Estimates

The third advance estimates are prepared towards the end of March/beginning of April every year, when the National Conference on Agriculture for Kharif campaign is convened and the State Governments come up with their assessments for both kharif and rabi crops. The earlier advance estimates of both kharif and rabi seasons are firmed up/ validated with the information available with State Agricultural Statistical Authorities(SASAs), remote sensing data, available with Space Application Centre, Ahmedabad as well as the proceedings of CWWG.

1.10 Fourth Advance Estimates

The fourth advance estimates are prepared in the month of June/July every year, when the National Workshop on Improvement of Agricultural Statistics is held. Since most of the rabi crops get harvested by the end of May, SASAs are in a position to supply the estimates of both kharif and rabi seasons as well as likely assessment of summer crops during the National Workshop. Like the third advance estimates, the fourth advance estimates are duly validated with the information available from other sources.

1.11 Final Estimates

Under the existing system of crop estimation, the fourth advance estimates are followed by final estimates in December / January of the following agricultural year. The main factors contributing to the relatively large number of crop estimates are the large variations in crop seasons across the country and the resulting delay in the compilation of yield estimates based on crop cutting experiments. As agriculture is a State subject, Central Government depends upon State Governments for accuracy of these estimates. For this purpose, State Governments have setup High Level Coordination Committees (HLCC) comprising, inter-alia, senior officers from the Departments of Agriculture, Economics & Statistics, Land Records and NSSO (FOD), IASRI, DES from Central Government for sorting out problems in preparation of these estimates in a timely and orderly manner.

1.12 Forecasting Agricultural output using Space, Agro-meteorology and Land based observations (FASAL)

About the Scheme:

The FASAL scheme was approved as a central sector plan scheme of Directorate of Economics & Statistics, Department of Agriculture, Cooperation and Farmers Welfare (DAC&FW) and is in operation since Aug. 2006. The scope of work of the FASAL scheme involved developing Econometric, Agromet and Remote Sensing based model to generate crop forecasts at National, State and District level. Multiple forecast of 11 major crops namely Rice (Kharif & Rabi), Jowar (Kharif & Rabi), Maize, Bajra, Jute, Ragi, Cotton, Sugarcane, Groundnut (Kharif & Rabi), Rapeseed & Mustard and Wheat were envisaged at National/State/District level depending on the status of technology available.

In order to give further impetus to use Remote Sensing (RS) in Agriculture, implementation strategy of the FASAL scheme was revised in March, 2011.

The revised strategy inter-alia envisaged transfer of existing operational crop forecast and drought assessment Remote Sensing methodologies developed by Indian Space Research Organization (ISRO) to a new centre to be created in the DAC&FW itself allowing ISRO to focus on R&D on the RS methodology for remaining crops and fine tuning of the existing RS methodologies on crop and drought assessment. In pursuance of the decisions contained in the approved SFC Memo of the FASAL scheme, a new centre, Mahalanobis National Crop Forecast Centre (MNCFC) has commenced operationalizing the Remote Sensing methodology transferred from ISRO. The main objective of the Centre is to prepare multiple-in-season crop forecast and assessment of drought situation using state of the art techniques and methodologies for selected major crops.

Physical Performance:

National / State level forecasts of area and production based on RS methodology and Econometric models are being received in each season, for selected crops. Forecasts based on agromet models are being received at State/District level. These forecasts are utilized for validation of advance estimates released by DES / DAC&FW.

Reporting of Financial and Physical Progress:

The funds are released to the implementing agencies viz (i) Space Application Centre, Ahmedabad (for developing / fine tuning of RS methodology), (ii) India Meteorological Department, Delhi (Agromet component) and (iii) Institute of Economic Growth (Econometric models) in 2 installments every year. The physical and financial progress is received from each of the implementing agencies after release of each installment.

In April, 2012 a new Centre, called Mahalanobis National Crop Forecast Centre was inaugurated as an attached office of DAC&FW. The Centre is carrying out the operational component of the FASAL programme, i.e. pre-harvest multiple production forecasts of major crops at National/State/ District level. MNCFC is also carrying out periodic district/sub-district level drought assessment for 14 major agricultural states of the country.

The major initiatives under MNCFC include

1. Pre-harvest Crop production forecasting for 8 crops at National-State-District level under FASAL project (3 crops included in last 2 years)
2. Monthly/ Fortnightly Agricultural Drought Assessment at district/sub-district level for 14 states of India under NADAMS programme

- 8 Agricultural Statistics at a glance 2015
3. Implementation of Smartphone based ground truth collection (>10000 points in 3 seasons)
4. Spectral yield modeling for Rice, Wheat and Rapeseed & Mustard
5. Developing collaborations with 19 state agriculture departments and 14 State Remote Sensing Centres
6. Operationalization of FASALSoft and NAS software developed by ISRO
7. Operational use of Indian Microwave Satellite RISAT data for Rice and Jute Assessment
8. Supervised Crop Cutting Experiments (844) using Remote Sensing based plan and Smartphone
9. Post-Phailin Rice Inundation Area Assessment
10. Rabi Crop Emergence Progress and Crop Alert District Assessment

2

Socio-Economic Indicators

Table 2.1 Selected Economic and Social Indicators

| Economic Indicators | 1950-51 | 1960-61 | 1970-71 | 1980-81 | 1990-91 | 2000-01 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 |
|---|---------|---------|---------|---------|---------|---------|---------|-----------------------|-----------------------|------------------------|--------------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| ECONOMIC INDICATORS | | | | | | | | | | | |
| GVA at factor cost ^a (at current prices in ₹ crore) | 10036 | 17049 | 44382 | 136838 | 531814 | 2000743 | 7248860 | 8195546 ^{NS} | 9252051 ^{NS} | 10477139 ^{NS} | 11550240 ME |
| GVA at factor cost ^a (at constant prices in ₹ crore) | 279618 | 410279 | 589787 | 798506 | 1347889 | 2348481 | 4918533 | 8195546 ^{NS} | 8599224 ^{NS} | 9169787 ^{NS} | 9827089 ME |
| Per capita Net National Income at factor cost at constant prices (₹) | 7114 | 8889 | 10016 | 10712 | 14330 | 20362 | 36202 | 64316 ^{NS} | 66344 ^{NS} | 69959 ^{NS} | 74104 ME |
| Gross Domestic Capital Formation as percentage of GDP (at current market prices) | 9.3 | 14.3 | 15.1 | 19.2 | 26.0 | 24.4 | 36.5 | 38.2 | 36.6 | 32.3 | na |
| Gross domestic savings as percentage of GDP (at current market prices) | 9.5 | 11.6 | 14.3 | 17.8 | 22.9 | 23.8 | 33.7 | 33.9 | 31.8 | 30.6 | na |
| Index of agricultural production [base: Triennium ending 1981-82] for the data given till 2000-01 and base i.e. ending 2007-08 from 2009-10 onwards | 46.2 | 68.8 | 85.9 | 102.1 | 148.4 | 165.7 | 121.0 | 125.2 | 124.2 | 129.6 | 123.9 |
| Index of industrial production (Base: 2004-05=100) ^b | 7.9 | 15.6 | 28.1 | 43.1 | 91.6 | 162.6 | 165.5 | 170.3 | 172.2 | 172.0 | 174.9 |
| Wholesale Price Index average ^c | 6.8 | 7.9 | 14.3 | 36.8 | 73.7 | 155.7 | 143.3 | 156.1 | 167.6 | 177.6 | 181.2 |
| Consumer Price Index for Industrial workers ^d | 170 | 21.0 | 38.0 | 81.0 | 193.0 | 444.0 | 180.0 | 195.0 | 215.0 | 236.0 | 251.0 |
| OUTPUT | | | | | | | | | | | |
| (a) Foodgrains [million tonnes] | 50.8 | 82.0 | 108.4 | 129.6 | 176.4 | 196.8 | 244.5 | 259.3 | 257.1 | 265.0 | 252.6 ^e |
| (b) Coal and Lignite [million tonnes] | 32.3 | 55.2 | 76.3 | 119.0 | 225.5 | 332.6 | 570.4 | 582.3 | 602.9 | 610.0 | 459.4 ^f |

(Contd.)

Table 2.1 (*Contd.*)

| Economic Indicators | 1950-51 | 1960-61 | 1970-71 | 1980-81 | 1990-91 | 2000-01 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 |
|--|---------|---------|---------|---------|---------|---------|-------------------|---------|-------------------|---------|-----------------------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| (c) Crude Oil [million tonnes] | 0.3 | 0.5 | 6.8 | 10.5 | 33.0 | 32.4 | 37.7 | 38.1 | 37.9 | 37.8 | 28.2 ^f |
| (d) Electricity Generated utilities only] [billion KWH] | 5.0 | 17.0 | 56.0 | 121.0 | 264.0 | 500.0 | 845.0 | 923.0 | 964.5 | 1014.8 | 741.4 ^f |
| Plan outlay (₹ crore) | 2601 | 1117 | 2524 | 15023 | 58369 | 185737 | 826268 | 936292 | 971951 | 1281022 | 484533 (BE) ^g |
| FOREIGN TRADE | | | | | | | | | | | |
| (i) Exports (₹ Crore) | 606 | 642 | 1535 | 6711 | 32553 | 203571 | 1136964 | 1465959 | 1634318 | 1905011 | 1897026 ^h |
| (US \$ million) | 1269 | 1346 | 2031 | 8486 | 18143 | 44076 | 251136 | 305964 | 300401 | 314405 | 310533.9 ^h |
| (ii) Imports (₹ Crore) | 608 | 1122 | 1634 | 12549 | 43198 | 230873 | 1683467 | 2345463 | 2669162 | 2715434 | 2734049 ^h |
| (US \$ million) | 1273 | 2353 | 2162 | 15869 | 24075 | 49975 | 369769 | 489319 | 490737 | 450200 | 447548.3 ^h |
| Foreign exchange reserves ⁱ excluding gold, SDRs and Reverse Tranche Position at IMF (₹ Crore) (US \$ million) | 911 | 186 | 438 | 4822 | 4388 | 184482 | 1224883 | 1330511 | 1412631 | 1660914 | 1985458 |
| SOCIAL INDICATORS | | | | | | | | | | | |
| Population (Million) ^j | 361 | 439.2 | 548.2 | 683.3 | 846.4 | 1028.7 | 1186.0 | 1220.0 | 1235.0 | 1251.0 | 1267.0 |
| Birth Rate (per 1000) ^k | 39.9 | 41.7 | 36.9 | 33.9 | 29.5 | 25.4 | 21.8 | na | 21.4 ⁿ | na | na |
| Death Rate (per 1000) ^k | 27.4 | 22.8 | 14.9 | 12.5 | 9.8 | 8.4 | 7.1 | na | 7.0 ⁿ | na | na |
| Life Expectancy at Birth (in Years) ^l | 32.1 | 41.3 | 45.6 | 50.4 | 58.7 | 62.5 | 66.1 ^m | na | 67.5 ^m | na | na |
| (a) Male | 32.5 | 41.9 | 46.4 | 50.9 | 58.6 | 61.6 | 64.6 ^m | na | 65.8 ^m | na | na |
| (b) Female | 31.7 | 40.6 | 44.7 | 50.0 | 59.0 | 63.3 | 67.6 ^m | na | 69.3 ^m | na | na |
| Education: Literacy Rate (%) ^o | 18.3 | 28.3 | 34.4 | 43.6 | 52.2 | 64.8 | 74.04 | na | na | na | na |
| (a) Male | 27.2 | 40.4 | 46.0 | 56.4 | 64.1 | 75.3 | 82.14 | na | na | na | na |
| (b) Female | 8.9 | 15.4 | 22.0 | 29.8 | 39.3 | 53.7 | 65.46 | na | na | na | na |

(Contd.)

Table 2.1 (*Contd.*)*Source:* Ministry of Finance, CSO and RBI.

BE: Budget Estimate, RE: Revised Estimate, AE: Advance Estimate

n: Not available, NS: New Series Estimates

a: GVA at factor cost estimates prior to 2011-12 are based on 2004-05 series. Estimates from Year 2011-12 onwards (with Base 2011-12) are available at basic prices only.

b: The Index of Industrial Production has been revised since 2005-06 on base 2004-05=100. The figures from 2009-10 onwards are based on current series (2004-05=100) and earlier data are based on old base years.

c: The figures from 2009-10 are based on current series 2004-05=100 and earlier data are based on old base years.

d: The figures from 2009-10 are based on current series 2001=100 and earlier data are based on old base years.

e: 4th Advance Estimates.

f: Figures are for April-December 2014-15.

g: Outlays are only of the Centre as Outlays of State plans are not yet finalised.

h: Revised data for 2014-15.

i: As on end-March.

j: Relates to mid-financial year (as on October 1) based on population figures of C.S.O.

k: For calendar year. Figure shown against 1990-91 is for calendar year 1991 and so on. Source: Office of R.G.I.

l: Data for 1950-51, 1960-61, 1970-71 and 1980-81 relate to the decades 1941-50, 1951-60, 1961-70 and 1971-80 respectively; centered at midpoints of the decade, i.e., 1946, 1956, 1966 and 1976. The estimates for 1990-91 refer to the period 1988-92 and so on. Estimates for 2012-13 refer to 2009-13.

m: Estimates from Sample Registration System and SRS Statistical Report, Office of R.G.I.

n: Abridged Life Table 2002-06, Registrar General of India

o: Data for 1950-51, 1960-61, 1970-71, 1980-81, 1990-91 and 2000-01 are as per Census of India 1951, 1961, 1971, 1981, 1991 and 2001. The figures for 1951, 1961 and 1971 relate to population aged 5 years and above and those for 1981, 1991, 2001 and 2011 to population aged 7 years and above. All India literacy rates exclude Assam for 1981 and J&K for 1991.

Table 2.2: Population and Growth Rate - 2011

| Sl. No. | States/ UTs | Population | | | Decadal Growth (%) | | |
|------------|-------------------|--------------------|--------------------|----------------------|--------------------|--------------|--|
| | | Male | Female | Total | 1991-2001 | 2001-2011 | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | |
| | India | 623,270,258 | 587,584,719 | 1,210,854,977 | 21.54 | 17.72 | |
| 1 | Jammu & Kashmir | 6,640,662 | 5,900,640 | 12,541,302 | 29.43 | 23.64 | |
| 2 | Himachal Pradesh | 3,481,873 | 3,382,729 | 6,864,602 | 17.54 | 12.94 | |
| 3 | Punjab | 14,639,465 | 13,103,873 | 27,743,338 | 20.10 | 13.89 | |
| 4 | Chandigarh | 580,663 | 474,787 | 1,055,450 | 40.28 | 17.19 | |
| 5 | Uttarakhand | 5,137,773 | 4,948,519 | 10,086,292 | 20.41 | 18.81 | |
| 6 | Haryana | 13,494,734 | 11,856,728 | 25,351,462 | 28.43 | 19.90 | |
| 7 | Delhi | 8,987,326 | 7,800,615 | 16,787,941 | 47.02 | 21.21 | |
| 8 | Rajasthan | 35,550,997 | 32,997,440 | 68,548,437 | 28.41 | 21.31 | |
| 9 | Uttar Pradesh | 104,480,510 | 95,331,831 | 199,812,341 | 25.85 | 20.23 | |
| 10 | Bihar | 54,278,157 | 49,821,295 | 104,099,452 | 28.62 | 25.42 | |
| 11 | Sikkim | 323,070 | 287,507 | 610,577 | 33.06 | 12.89 | |
| 12 | Arunachal Pradesh | 713,912 | 669,815 | 1,383,727 | 27.00 | 26.03 | |
| 13 | Nagaland | 1,024,649 | 953,853 | 1,978,502 | 64.53 | -0.58 | |
| 14 | Manipur | 1,438,586 | 1,417,208 | 2,855,794 | 24.86 | 31.80 | |
| 15 | Mizoram | 555,339 | 541,867 | 1,097,206 | 28.82 | 23.48 | |
| 16 | Tripura | 1,874,376 | 1,799,541 | 3,673,917 | 16.03 | 14.84 | |
| 17 | Meghalaya | 1,491,832 | 1,475,057 | 2,966,889 | 30.65 | 27.95 | |
| 18 | Assam | 15,939,443 | 15,266,133 | 31,205,576 | 18.92 | 17.07 | |
| 19 | West Bengal | 46,809,027 | 44,467,088 | 91,276,115 | 17.77 | 13.84 | |

Table 2.2 (*Contd.*)

| Sl. No. | States/ UTs | Population | | | Decadal Growth (%) | |
|------------|---------------------------|------------|------------|-------------|--------------------|-----------|
| | | Male | Female | Total | 1991-2001 | 2001-2011 |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| 20 | Jharkhand | 16,930,315 | 16,057,819 | 32,988,134 | 23.36 | 22.42 |
| 21 | Odisha | 21,212,136 | 20,762,082 | 41,974,218 | 16.25 | 14.05 |
| 22 | Chhattisgarh | 12,832,895 | 12,712,303 | 25,545,198 | 18.27 | 22.61 |
| 23 | Madhya Pradesh | 37,612,306 | 35,014,503 | 72,626,809 | 24.26 | 20.35 |
| 24 | Gujarat | 31,491,260 | 28,948,432 | 60,439,692 | 22.66 | 19.28 |
| 25 | Daman & Diu | 150,301 | 92,946 | 243,247 | 55.73 | 53.76 |
| 26 | Dadra & Nagar Haveli | 193,760 | 149,949 | 343,709 | 59.22 | 55.88 |
| 27 | Maharashtra | 58,243,056 | 54,131,277 | 112,374,333 | 22.73 | 15.99 |
| 28 | Andhra Pradesh | 42,442,146 | 42,138,631 | 84,580,777 | 14.59 | 10.98 |
| 29 | Karnataka | 30,966,657 | 30,128,640 | 61,095,297 | 17.51 | 15.60 |
| 30 | Goa | 739,140 | 719,405 | 1,458,545 | 15.21 | 8.23 |
| 31 | Lakshadweep | 33,123 | 31,350 | 64,473 | 17.30 | 6.30 |
| 32 | Kerala | 16,027,412 | 17,378,649 | 33,406,061 | 9.43 | 4.91 |
| 33 | Tamil Nadu | 36,157,975 | 36,009,055 | 72,147,030 | 11.72 | 15.61 |
| 34 | Puducherry | 612,511 | 635,442 | 1,247,953 | 20.62 | 28.08 |
| 35 | Andaman & Nicobar Islands | 202,871 | 177,710 | 380,581 | 26.90 | 6.86 |

Source: Registrar General of India.

Table 2.3(a): Population and Agricultural Workers

| Year (1) | Total Population (2) | Average Annual Exponential Growth Rate (%) (3) | Rural Population (4) | Total Workers (5) | Agricultural Workers | | |
|-------------|----------------------------|--|----------------------------|-------------------------|----------------------|-------------------------------|-----------------|
| | | | | | Cultivators (6) | Agricultural Labourers (7) | Total (8) |
| 1951 | 361.1 | 1.25 | 298.6 (82.0) | 139.5 (71.9) | 69.9 (71.9) | 27.3 (28.1) | 97.2 (69.7) |
| 1961 | 439.2 | 1.96 | 360.3 (82.0) | 188.7 (76.0) | 99.6 (76.0) | 31.5 (24.0) | 131.1 (69.5) |
| 1971 | 548.2 | 2.20 | 439.0 (80.1) | 180.4 (62.2) | 78.2 (62.2) | 47.5 (37.8) | 125.7 (69.7) |
| 1981 | 683.3 | 2.22 | 525.6 (76.9) | 244.6 (62.5) | 92.5 (62.5) | 55.5 (37.5) | 148.0 (60.5) |
| 1991 | 846.4 | 2.16 | 630.6 (74.5) | 314.1 (59.7) | 110.7 (59.7) | 74.6 (40.3) | 185.3 (59.0) |
| 2001 | 1028.7 | 1.97 | 742.6 (72.2) | 402.2 (54.4) | 127.3 (54.4) | 106.8 (45.6) | 234.1 (58.2) |
| 2011 | 1210.8 | 1.50 | 833.7 (68.9) | 481.7 (45.1) | 118.8 (45.1) | 144.3 (54.9) | 263.1 (54.6) |

Source: Registrar General of India.

Notes: 1. For 2001, figures include estimated figures for those of the three sub-divisions viz. Mao Maram, Paomata and Purul of Senapati district of Manipur as census results of 2001 Census in these three sub-divisions were cancelled due to technical and administrative reasons.

2. The 1991 Census could not be held owing to disturbed conditions prevailing in Jammu & Kashmir. Hence the population figures for 1991 of Jammu & Kashmir have been worked out by interpolation. The data on workers in Col. 5-7 exclude J&K.

3. The 1981 census could not be held in Assam. The figures for 1981 for Assam have been worked out by interpolation. The data on workers in Col. 5-7 exclude Assam.

4. Figures within parentheses in Col.-4 are percentages to the Total Population.

5. Figures within parentheses in Col.-6 and 7 are percentages to Col.-8.

6. Figures within parentheses in Col.-8 is percentage share of Agricultural Workers in Total Workers.

Table 2.3(b) State wise Classification of Workers-2011

| States\UTs | Total/ Urban/ Rural | Total Population | Total Working Population | Total Main Workers | Total Marginal Workers | Total Non Workers | Male Population | Male Working Population | Male Main Workers | Female Population | Female Working Population | Female Main Workers |
|----------------------------|---------------------------|---------------------|--------------------------------|--------------------------|------------------------------|-------------------------|--------------------|-------------------------------|-------------------------|----------------------|---------------------------------|---------------------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) |
| India | Total | 1210854977 | 481888868 | 362565571 | 119323297 | 72896109 | 623270258 | 331939875 | 273209976 | 58754719 | 149948993 | 89355595 |
| | Rural | 833748852 | 348743092 | 245868421 | 102874671 | 485005760 | 427781058 | 226837013 | 17809330 | 405967794 | 121906079 | 67773091 |
| | Urban | 377106125 | 13345776 | 116697150 | 16448626 | 243960349 | 195489200 | 1050102862 | 95114646 | 181616925 | 28042914 | 21582504 |
| Jammu & Kashmir | Total | 12541302 | 4322713 | 2644149 | 1678564 | 8218589 | 6640662 | 3195090 | 2305788 | 5900640 | 1127623 | 338361 |
| | Rural | 9108060 | 3113081 | 1669814 | 1443267 | 5994979 | 4774477 | 2212006 | 1453157 | 4333583 | 901075 | 216657 |
| | Urban | 3433242 | 1209632 | 974335 | 235297 | 2223610 | 1866185 | 983084 | 852631 | 1567057 | 226548 | 121704 |
| Himachal Pradesh | Total | 6864602 | 3559422 | 2062501 | 146921 | 3305180 | 3481873 | 2043373 | 1438989 | 3382729 | 1516049 | 623512 |
| | Rural | 6176050 | 3289384 | 1822109 | 1467275 | 2886666 | 3110345 | 1836358 | 1247874 | 3065705 | 1455026 | 574235 |
| | Urban | 688552 | 270038 | 240392 | 29646 | 418514 | 371528 | 207015 | 191115 | 317024 | 63023 | 49277 |
| Punjab | Total | 27743338 | 9897362 | 8450936 | 1446426 | 17845976 | 14639465 | 8074157 | 7264631 | 1310373 | 1823205 | 1186305 |
| | Rural | 17344192 | 6179199 | 5107024 | 1072175 | 11164993 | 9093476 | 4995819 | 4417839 | 8250716 | 1183580 | 689185 |
| | Urban | 10399146 | 3718163 | 3343912 | 374251 | 6680983 | 555989 | 3078338 | 2846792 | 4853157 | 639825 | 497120 |
| Chandigarh | Total | 1055450 | 404136 | 385929 | 18207 | 651314 | 5806663 | 328159 | 317190 | 474787 | 75977 | 68739 |
| | Rural | 28991 | 12350 | 11683 | 667 | 16641 | 17150 | 10664 | 10356 | 11841 | 1686 | 1327 |
| | Urban | 1026459 | 391786 | 374246 | 17540 | 634673 | 563513 | 317495 | 306834 | 462946 | 74291 | 67412 |
| Uttarakhand | Total | 10086292 | 3872275 | 2870624 | 1001651 | 6214017 | 5137773 | 2551921 | 2070760 | 4948519 | 1320354 | 79984 |
| | Rural | 7036954 | 2885533 | 1997332 | 888201 | 4151421 | 3519042 | 1726674 | 1322523 | 3517912 | 1158859 | 674809 |
| | Urban | 3049338 | 986742 | 873292 | 113450 | 2062596 | 1618731 | 825247 | 748237 | 1430607 | 161495 | 125055 |
| Haryana | Total | 25351462 | 8916508 | 7015283 | 1901225 | 16434954 | 13494734 | 6806636 | 5860600 | 11856728 | 2109872 | 1154683 |
| | Rural | 16509359 | 6003112 | 4435805 | 1567307 | 10506247 | 8774006 | 4392214 | 36725588 | 773553 | 1610898 | 763217 |
| | Urban | 8842103 | 2913396 | 2579478 | 3339198 | 5928707 | 4720728 | 2414422 | 2188012 | 4121375 | 498974 | 391466 |
| Delhi | Total | 16787941 | 5587049 | 5307329 | 279720 | 11200892 | 8987326 | 4762026 | 4562710 | 7800615 | 825023 | 744619 |
| | Rural | 419042 | 130227 | 118510 | 11717 | 288815 | 263231 | 111500 | 103568 | 192721 | 18727 | 14942 |
| | Urban | 16368899 | 5456822 | 5188819 | 268003 | 10912077 | 8761005 | 4650526 | 4459142 | 7607894 | 806296 | (Contd.) |

Table 2.3(b) (*Contd.*)

| States\UTs | Total/ Urban/ Rural | Total Population | Total Working Population | Total Main Workers | Total Marginal Workers | Total Non Workers | Male Population | Male Working Population | Male Main Workers | Female Population | Female Working Population | Female Main Workers |
|-------------------|---------------------------|---------------------|--------------------------------|--------------------------|------------------------------|-------------------------|--------------------|-------------------------------|-------------------------|----------------------|---------------------------------|---------------------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) |
| Rajasthan | Total | 68548437 | 29886255 | 21057968 | 8828287 | 38662182 | 35550997 | 18297076 | 15243557 | 32997440 | 11589179 | 5814431 |
| | Rural | 51500352 | 24385233 | 16173343 | 8211890 | 27115119 | 26641747 | 13775469 | 11069837 | 24856605 | 10609764 | 5105506 |
| | Urban | 17048085 | 5501022 | 4884625 | 616397 | 11547063 | 8909250 | 4521607 | 4173700 | 8138835 | 979415 | 710925 |
| Uttar Pradesh | Total | 199812341 | 65814715 | 44635492 | 21179223 | 133997626 | 104480510 | 49846762 | 37420299 | 95331831 | 15967953 | 7215193 |
| | Rural | 155312778 | 51950980 | 33538817 | 18412163 | 103366298 | 80992095 | 38352879 | 27812347 | 74324283 | 13598101 | 5726470 |
| | Urban | 44495063 | 13863735 | 11096675 | 2767060 | 30631328 | 23487515 | 11492883 | 9607952 | 21007548 | 2369852 | 1488723 |
| Bihar | Total | 104099452 | 34724987 | 21359611 | 13365376 | 69374465 | 54278157 | 25222189 | 17720690 | 49821295 | 9502798 | 4088921 |
| | Rural | 92341436 | 31359767 | 18723966 | 12635801 | 60981669 | 48073850 | 22436685 | 14988080 | 44267586 | 8923082 | 3735886 |
| | Urban | 11758016 | 3365220 | 2635645 | 729575 | 8392796 | 6204307 | 278504 | 2282610 | 5553709 | 579716 | 353035 |
| Sikkim | Total | 610577 | 308138 | 230397 | 77741 | 302439 | 323070 | 194358 | 161513 | 287507 | 113780 | 69884 |
| | Rural | 456999 | 243785 | 173682 | 70103 | 213214 | 242797 | 148186 | 119014 | 214202 | 95599 | 54668 |
| | Urban | 155578 | 64353 | 56715 | 7638 | 89225 | 80273 | 46172 | 41499 | 73305 | 18181 | 15216 |
| Arunachal Pradesh | Total | 1383727 | 587657 | 478721 | 108936 | 796070 | 713912 | 352273 | 301109 | 669815 | 237384 | 177612 |
| | Rural | 1066358 | 470315 | 377388 | 92927 | 536043 | 546011 | 264790 | 223929 | 520347 | 205525 | 153459 |
| | Urban | 317369 | 117342 | 101333 | 16009 | 200027 | 167901 | 85483 | 77180 | 149468 | 31859 | 24153 |
| Nagaland | Total | 1978502 | 974122 | 741179 | 232943 | 1004380 | 1024649 | 547357 | 442204 | 953853 | 426765 | 298975 |
| | Rural | 1407536 | 760360 | 567674 | 192686 | 647176 | 725472 | 403912 | 316384 | 682064 | 356448 | 251290 |
| | Urban | 570966 | 213762 | 173505 | 40257 | 357204 | 2919177 | 143445 | 125820 | 271789 | 70317 | 47685 |
| Manipur | Total | 2855794 | 1304610 | 974163 | 330447 | 1551184 | 1438586 | 739408 | 615135 | 1417208 | 565202 | 359028 |
| | Rural | 2021640 | 959161 | 713482 | 245679 | 10262479 | 1026884 | 534085 | 442482 | 994756 | 425076 | 271000 |
| | Urban | 834154 | 345449 | 260681 | 84768 | 488705 | 411702 | 205323 | 172653 | 422452 | 140126 | 88028 |
| Mizoram | Total | 1097206 | 486705 | 415030 | 71675 | 610501 | 555339 | 290740 | 263305 | 541867 | 195065 | 151725 |
| | Rural | 525435 | 252382 | 217824 | 34558 | 273053 | 269135 | 145091 | 13488 | 256300 | 107291 | 82936 |
| | Urban | 571771 | 234323 | 197206 | 37117 | 337448 | 286204 | 145649 | 128417 | 285567 | 88674 | 68789 |

(Contd.)

Table 2.3(b) (*Contd.*)

| States\UTs | Total/ Urban/ Rural | Total Population | Total Working Population | Total Main Workers | Total Marginal Workers | Total Non Workers | Total Population | Male Working Population | Male Main Workers | Male Main Workers | Female Working Population | Female Main Workers |
|----------------|---------------------------|---------------------|--------------------------------|--------------------------|------------------------------|-------------------------|---------------------|-------------------------------|-------------------------|-------------------------|---------------------------------|---------------------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) |
| Tripura | Total | 3673917 | 1469521 | 1077019 | 392502 | 2204396 | 1874376 | 1045326 | 887881 | 1799541 | 424195 | 189138 |
| | Rural | 2712464 | 1116076 | 7776583 | 339493 | 1596388 | 1387173 | 767767 | 637023 | 1325291 | 348309 | 130560 |
| | Urban | 961453 | 3533445 | 300436 | 53009 | 608008 | 487203 | 277559 | 250858 | 474250 | 75886 | 49578 |
| Meghalaya | Total | 2966889 | 1185619 | 921575 | 264044 | 1781270 | 1491832 | 703709 | 585520 | 1475057 | 481910 | 336055 |
| | Rural | 2371439 | 973458 | 730959 | 242499 | 1397981 | 1194260 | 561812 | 455430 | 1177179 | 411646 | 275529 |
| | Urban | 595450 | 212161 | 190616 | 21545 | 383289 | 297572 | 141897 | 130090 | 297878 | 70264 | 60526 |
| Assam | Total | 31205576 | 11969690 | 8687123 | 3282567 | 19235886 | 15039443 | 8541560 | 7034642 | 15266133 | 3428130 | 1652481 |
| | Rural | 26807034 | 10368283 | 7311015 | 3057268 | 16438751 | 13678989 | 7257852 | 5880174 | 13128045 | 3110431 | 1430841 |
| | Urban | 4398542 | 1601407 | 1376108 | 225299 | 2797135 | 2260454 | 1283708 | 1154468 | 2138088 | 31769 | 221640 |
| West Bengal | Total | 91276115 | 34756355 | 25686630 | 9069725 | 56519760 | 46809027 | 26716047 | 21678279 | 44467088 | 8040308 | 4008351 |
| | Rural | 62183113 | 24082481 | 16489485 | 7592996 | 38100632 | 31844945 | 18211180 | 14019915 | 30338168 | 5871301 | 2469570 |
| | Urban | 29093002 | 10673874 | 9197145 | 1476729 | 18419128 | 14964082 | 8504867 | 765834 | 14128920 | 2169007 | 1538781 |
| Jharkhand | Total | 32988134 | 13098274 | 6818595 | 6279679 | 19889860 | 16930315 | 8424769 | 5234442 | 16057819 | 4673505 | 1584153 |
| | Rural | 2505073 | 10777152 | 4886840 | 5890312 | 14277921 | 12776486 | 6484142 | 3563422 | 12278587 | 4293010 | 1323418 |
| | Urban | 7933061 | 2321122 | 1931755 | 389367 | 5611939 | 4153829 | 1946627 | 1671020 | 3779232 | 380495 | 260735 |
| Odisha | Total | 41974218 | 17541589 | 10707543 | 6834046 | 24432629 | 21212136 | 11902655 | 8794413 | 20762082 | 5638934 | 1913130 |
| | Rural | 34970562 | 15103714 | 8623947 | 6479767 | 19866848 | 17586203 | 9941574 | 7045991 | 17384359 | 5162140 | 1577956 |
| | Urban | 7003656 | 2437875 | 2083596 | 354279 | 4565781 | 3625933 | 1961081 | 1748422 | 3377723 | 476794 | 335174 |
| Chhattisgarh | Total | 2554198 | 12180225 | 8241714 | 3938511 | 13364973 | 12832895 | 7133866 | 5597454 | 12712303 | 5046359 | 2644260 |
| | Rural | 19667961 | 1063114 | 6365271 | 3697843 | 9544847 | 9797426 | 5522258 | 4114031 | 9810535 | 4540856 | 2251240 |
| | Urban | 5937237 | 2117111 | 1876443 | 240668 | 3820126 | 3035469 | 1611608 | 1483423 | 2901768 | 505503 | 393020 |
| Madhya Pradesh | Total | 72626809 | 31574133 | 22702119 | 8872014 | 41052676 | 37612306 | 20146970 | 16362065 | 35014503 | 11427163 | 6340054 |
| | Rural | 52557404 | 24715198 | 16729558 | 7985640 | 27842206 | 27149388 | 14741977 | 11488183 | 25408016 | 9973221 | 5241375 |
| | Urban | 20069405 | 6858935 | 5972561 | 886374 | 13210470 | 10462918 | 5404993 | 4873882 | 9606487 | 1453942 | 1098679 |

(Contd.)

Table 2.3(b) (Contd.)

| States\UTs | Total/ Urban/ Rural | Total Population | Total Working Population | Total Main Workers | Total Marginal Workers | Total Non Workers | Total Population | Male Population | Male Working Population | Male Main Population | Female Population | Female Working Population | Female Main Population |
|-------------------------|---------------------------|---------------------|--------------------------------|--------------------------|------------------------------|-------------------------|---------------------|--------------------|-------------------------------|----------------------------|----------------------|---------------------------------|------------------------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | |
| Gujarat | Total | 60439692 | 24767747 | 20365374 | 4402373 | 35671945 | 31491260 | 18000914 | 16567695 | 28948432 | 6766833 | 3797679 | |
| | Rural | 34634609 | 1557092 | 11878120 | 3691972 | 19124517 | 17799159 | 10171584 | 9141339 | 16895450 | 5398508 | 2736781 | |
| | Urban | 25745083 | 9197655 | 8487254 | 704041 | 16547428 | 13692101 | 7829330 | 7426356 | 12052982 | 1368325 | 1060898 | |
| Daman & Diu | Total | 243247 | 121271 | 116435 | 4836 | 121976 | 150301 | 107434 | 104614 | 92946 | 13937 | 11821 | |
| | Rural | 60396 | 23303 | 21435 | 1868 | 37093 | 32395 | 18862 | 18131 | 28001 | 4441 | 3304 | |
| | Urban | 182851 | 97968 | 95000 | 2968 | 84883 | 117906 | 88572 | 86483 | 64945 | 9396 | 8517 | |
| Dadra & Nagar Haveli | Total | 343709 | 157161 | 130299 | 26862 | 186548 | 193760 | 119293 | 109125 | 149949 | 37868 | 21174 | |
| | Rural | 183114 | 84123 | 62211 | 21912 | 98991 | 98305 | 55803 | 48239 | 84809 | 28320 | 13972 | |
| | Urban | 160595 | 73038 | 68088 | 4950 | 87557 | 95455 | 63490 | 60886 | 65140 | 9548 | 7202 | |
| Maharashtra | Total | 112374333 | 49427878 | 43762890 | 5664988 | 62946455 | 58243056 | 32616875 | 29893134 | 54131277 | 16811003 | 13775576 | |
| | Rural | 61556074 | 30650871 | 26510066 | 4140805 | 30905203 | 31539034 | 17887071 | 16188697 | 30017040 | 12763800 | 10321369 | |
| | Urban | 50818259 | 18777007 | 17252824 | 1524183 | 32041252 | 26704022 | 14729804 | 13800617 | 24114237 | 4047203 | 3452207 | |
| Andhra Pradesh | Total | 84580777 | 39422906 | 33037378 | 6385528 | 45157871 | 42442146 | 24185595 | 21460081 | 42138631 | 15237311 | 11577297 | |
| | Rural | 56361702 | 29052307 | 24142968 | 4909339 | 27309395 | 28243241 | 16498189 | 14585917 | 28118461 | 12554118 | 9557051 | |
| | Urban | 28219075 | 10370599 | 8894410 | 1476189 | 1788476 | 14198905 | 7687406 | 6874164 | 14020170 | 2683193 | 2020246 | |
| Karnataka | Total | 61095297 | 27872597 | 23397181 | 4475416 | 33222700 | 30966657 | 18270116 | 16349837 | 30128640 | 9602481 | 7047344 | |
| | Rural | 37469335 | 18502230 | 15060905 | 3441325 | 18967105 | 18929354 | 11311426 | 10003021 | 18539981 | 7190804 | 5057884 | |
| | Urban | 23625962 | 9370367 | 8336276 | 1034091 | 14255595 | 12037303 | 6958690 | 6346816 | 11588659 | 2411677 | 1989460 | |
| Goa | Total | 1438545 | 577248 | 476053 | 101195 | 881297 | 739140 | 419536 | 356967 | 719405 | 157712 | 119086 | |
| | Rural | 551731 | 215536 | 164519 | 51017 | 356195 | 275436 | 152986 | 122042 | 276295 | 62550 | 42477 | |
| | Urban | 906814 | 361712 | 3111534 | 50178 | 545102 | 463704 | 266550 | 234925 | 443110 | 95162 | 76609 | |
| Lakshadweep | Total | 64473 | 18753 | 10804 | 7949 | 45720 | 33123 | 15318 | 9137 | 31350 | 3435 | 1667 | |
| | Rural | 14141 | 4653 | 2225 | 2428 | 9488 | 7243 | 3787 | 1878 | 6898 | 866 | 347 | |
| | Urban | 50332 | 14100 | 8579 | 5521 | 36232 | 25880 | 11531 | 7259 | 24452 | 2569 | 1320 | |

(Contd.)

Table 2.3(b) (*Contd.*)

| States\UTs | Total/ Urban/ Rural | Total Population | Total Working Population | Total Main Workers | Total Marginal Workers | Total Non Workers | Male Population | Male Working Population | Male Main Workers | Female Population | Female Working Population | Female Main Workers |
|---------------------------|---------------------------|---------------------|--------------------------------|--------------------------|------------------------------|-------------------------|--------------------|-------------------------------|-------------------------|----------------------|---------------------------------|---------------------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) |
| Kerala | Total | 3346061 | 11619063 | 9329747 | 2289316 | 21783998 | 16027412 | 8451569 | 7179828 | 17378649 | 3167494 | 2149919 |
| | Rural | 1747135 | 6341957 | 4930191 | 1411766 | 11129178 | 8408054 | 4507501 | 3743078 | 9063081 | 1834456 | 1187113 |
| | Urban | 15934926 | 5277106 | 4399556 | 877550 | 10657820 | 7619358 | 3944068 | 3436750 | 8315568 | 1333038 | 962806 |
| Tamil Nadu | Total | 72147030 | 32884681 | 27942181 | 4942500 | 39262349 | 36137975 | 21434978 | 18961194 | 36009055 | 11449703 | 8980987 |
| | Rural | 37229590 | 18861330 | 15339116 | 3522214 | 1836260 | 18679065 | 11214535 | 9552474 | 18550525 | 7646795 | 5786642 |
| | Urban | 34917440 | 14023351 | 12603065 | 1420286 | 20894089 | 17458910 | 10220443 | 9408720 | 17458530 | 3802908 | 3194345 |
| Puducherry | Total | 1247953 | 444968 | 399689 | 45279 | 802985 | 612511 | 332931 | 306499 | 635442 | 112037 | 93280 |
| | Rural | 395200 | 147876 | 122188 | 25688 | 247324 | 194907 | 105705 | 91068 | 200293 | 42171 | 31120 |
| | Urban | 852753 | 297092 | 277501 | 19591 | 555661 | 417604 | 227226 | 215341 | 435149 | 69866 | 62160 |
| Andaman & Nicobar Islands | Total | 380581 | 152535 | 125910 | 26625 | 228046 | 202871 | 120889 | 103619 | 177710 | 31646 | 22291 |
| | Rural | 237093 | 94469 | 72366 | 22103 | 142424 | 126287 | 74670 | 60411 | 110806 | 19799 | 11955 |
| | Urban | 143488 | 58066 | 53544 | 4522 | 85422 | 76584 | 46219 | 43208 | 66904 | 11847 | 10336 |

Source: Registrar General of India.

Note: 1. India and Jammu & Kashmir exclude population of those portion of Jammu & Kashmir which are under illegal occupation of Pakistan and China.

Table 2.3(c) State-wise Classification of Cultivators - 2011

| States/UTs | Total / Urban / Rural | Cultivators (Main and Marginal) | Agricultural Labour (Main and Marginal) | Male Cultivators (Main and Marginal) | Male Agricultural Labour (Main and Marginal) | Female Cultivators (Main and Marginal) | Female Agricultural Labour (Main and Marginal) |
|------------------|-----------------------|---------------------------------|---|--------------------------------------|--|--|--|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
| India | Total | 118808780 | 144333690 | 82762934 | 82742337 | 36045846 | 61591353 |
| | Rural | 115084638 | 136998308 | 79895308 | 77932222 | 35189330 | 59066086 |
| | Urban | 3724142 | 7335382 | 2867626 | 480115 | 856516 | 2525267 |
| Jammu & Kashmir | Total | 1245316 | 547705 | 765527 | 414344 | 479789 | 133361 |
| | Rural | 1180384 | 498531 | 729874 | 376051 | 450510 | 122480 |
| | Urban | 64932 | 49174 | 35653 | 38293 | 29279 | 10881 |
| Himachal Pradesh | Total | 2062062 | 175038 | 906154 | 103060 | 1155908 | 71978 |
| | Rural | 2048582 | 170279 | 899954 | 99801 | 1148628 | 70478 |
| | Urban | 13480 | 4759 | 6200 | 3259 | 7280 | 1500 |
| Punjab | Total | 1934511 | 1588455 | 1753359 | 1239445 | 181152 | 349010 |
| | Rural | 1840001 | 1474732 | 1669638 | 1146165 | 170363 | 328567 |
| | Urban | 94510 | 113723 | 83721 | 93280 | 10789 | 20443 |
| Chandigarh | Total | 2578 | 1687 | 2114 | 1375 | 464 | 312 |
| | Rural | 457 | 168 | 406 | 122 | 51 | 46 |
| | Urban | 2121 | 1519 | 1708 | 1253 | 413 | 266 |
| Uttarakhand | Total | 1580423 | 403301 | 735412 | 286540 | 845011 | 116761 |
| | Rural | 1558630 | 372841 | 720621 | 261909 | 838009 | 110932 |
| | Urban | 21793 | 30460 | 14791 | 24631 | 7002 | 5829 |
| Haryana | Total | 2480801 | 1528133 | 1789122 | 1041241 | 691679 | 486892 |
| | Rural | 2398597 | 1405956 | 1721232 | 943900 | 677365 | 462056 |
| | Urban | 82204 | 122177 | 67890 | 97341 | 14314 | 24836 |
| Delhi | Total | 33398 | 39475 | 27458 | 31552 | 5940 | 8123 |
| | Rural | 13614 | 8528 | 11280 | 6473 | 2334 | 2055 |
| | Urban | 19784 | 30947 | 16178 | 24879 | 3606 | 6068 |

(Contd.)

Table 2.3(c) (*Contd.*)

| States/UTs | Total / Urban / Rural | Cultivators (Main and Marginal) | Agricultural Labour (Main and Marginal) | Male Cultivators (Main and Marginal) | Male Agricultural Labour (Main and Marginal) | Female Cultivators (Main and Marginal) | Female Agricultural Labour (Main and Marginal) |
|-------------------|-----------------------------|------------------------------------|---|--|--|--|--|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
| Rajasthan | Total | 13618870 | 4939664 | 7518486 | 2132669 | 6100384 | 2806995 |
| | Rural | 13358033 | 4733917 | 7349824 | 2031343 | 6008209 | 2720774 |
| | Urban | 268387 | 205747 | 168662 | 119526 | 92175 | 86221 |
| Uttar Pradesh | Total | 19057888 | 19939223 | 15511533 | 13803442 | 3546355 | 6135781 |
| | Rural | 18500982 | 18910579 | 15030284 | 12957833 | 3470698 | 5952746 |
| | Urban | 556906 | 1028644 | 481249 | 845609 | 75657 | 183035 |
| Bihar | Total | 7196226 | 18345649 | 5745420 | 12570717 | 1450806 | 5774932 |
| | Rural | 7008060 | 17831900 | 5583964 | 12173757 | 1424096 | 5658143 |
| | Urban | 188166 | 513749 | 161456 | 396960 | 26710 | 116789 |
| Sikkim | Total | 117401 | 25986 | 63327 | 12883 | 54074 | 13103 |
| | Rural | 116532 | 24880 | 62869 | 12297 | 53663 | 12583 |
| | Urban | 869 | 1106 | 458 | 586 | 411 | 520 |
| Arunachal Pradesh | Total | 302723 | 36171 | 152863 | 18377 | 149860 | 17794 |
| | Rural | 298137 | 33558 | 150267 | 16862 | 147870 | 16696 |
| | Urban | 4586 | 2613 | 2596 | 1515 | 1990 | 1098 |
| Nagaland | Total | 537702 | 62962 | 250454 | 31857 | 278248 | 31105 |
| | Rural | 516783 | 55677 | 250559 | 28133 | 266224 | 27544 |
| | Urban | 20919 | 7285 | 8895 | 3724 | 12024 | 3561 |
| Manipur | Total | 574031 | 114918 | 327109 | 46032 | 246922 | 68886 |
| | Rural | 523537 | 90644 | 293208 | 35797 | 230329 | 54847 |
| | Urban | 50494 | 24274 | 33901 | 10235 | 16593 | 14039 |

(Contd.)

Table 2.3(c) (*Contd.*)

| States/UTs | Total / Urban / Rural | Cultivators (Main and Marginal) | | Agricultural Labour (Main and Marginal) | | Male Cultivators (Main and Marginal) | | Male Agricultural Labour (Main and Marginal) | | Female Cultivators (Main and Marginal) | | Female Agricultural Labour (Main and Marginal) | |
|-------------|-----------------------------|------------------------------------|----------|---|---------|--|---------|--|-----|--|------|--|--|
| | | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | |
| Mizoram | Total | 229603 | 41787 | 129482 | 22488 | 100121 | 19299 | | | | | | |
| | Rural | 192194 | 19085 | 107813 | 9555 | 84381 | 9530 | | | | | | |
| | Urban | 37409 | 22702 | 21669 | 12933 | 15740 | 9769 | | | | | | |
| Tripura | Total | 295947 | 353618 | 228868 | 214106 | 67079 | 139512 | | | | | | |
| | Rural | 285729 | 338922 | 219951 | 203358 | 65778 | 135564 | | | | | | |
| | Urban | 10218 | 14696 | 8917 | 10748 | 1301 | 3948 | | | | | | |
| Meghalaya | Total | 494675 | 198364 | 277330 | 106342 | 217345 | 92022 | | | | | | |
| | Rural | 486320 | 192223 | 272616 | 102620 | 213704 | 89603 | | | | | | |
| | Urban | 8355 | 6141 | 4714 | 3722 | 3641 | 2419 | | | | | | |
| Assam | Total | 4061627 | 1845346 | 3099763 | 1129210 | 961864 | 716136 | | | | | | |
| | Rural | 4018907 | 1814075 | 3066222 | 1107173 | 952685 | 706902 | | | | | | |
| | Urban | 42720 | 31271 | 33541 | 22037 | 9179 | 9234 | | | | | | |
| West Bengal | Total | 5116688 | 10188842 | 4500041 | 7452814 | 616647 | 2736028 | | | | | | |
| | Rural | 4952543 | 9843816 | 4368282 | 7172599 | 584261 | 2671217 | | | | | | |
| | Urban | 164145 | 345026 | 131759 | 280215 | 32386 | 64811 | | | | | | |
| Jharkhand | Total | 3814832 | 4436032 | 2291182 | 2341700 | 1523650 | 2094352 | | | | | | |
| | Rural | 3752614 | 4339302 | 2247745 | 2276639 | 1504869 | 2062663 | | | | | | |
| | Urban | 62218 | 96750 | 43437 | 65061 | 18781 | 31689 | | | | | | |
| Odisha | Total | 4103989 | 6739993 | 3375350 | 3481836 | 728639 | 3258157 | | | | | | |
| | Rural | 4030351 | 6618943 | 3312661 | 3404743 | 717690 | 3214200 | | | | | | |
| | Urban | 73638 | 121050 | 62689 | 77093 | 10949 | 43957 | | | | | | |

(Contd.)

Table 2.3(c) (*Contd.*)

| States/U.Ts | Total / Urban / Rural | Cultivators (Main and Marginal) | Agricultural Labour (Main and Marginal) | Male Cultivators (Main and Marginal) | Male Agricultural Labour (Main and Marginal) | Female Cultivators (Main and Marginal) | Female Agricultural Labour (Main and Marginal) |
|----------------------|-----------------------|---------------------------------|---|--------------------------------------|--|--|--|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
| Chhattisgarh | Total | 4004796 | 5091882 | 2424025 | 2344549 | 1580771 | 2747333 |
| | Rural | 3901065 | 4894820 | 2354630 | 2243248 | 1546435 | 2651572 |
| | Urban | 103731 | 197062 | 69395 | 101301 | 34336 | 95761 |
| Madhya Pradesh | Total | 984439 | 12192267 | 6591064 | 6310657 | 3253375 | 5881610 |
| | Rural | 9473811 | 11691203 | 6300435 | 6009667 | 3173376 | 5681536 |
| | Urban | 370628 | 501064 | 290629 | 300990 | 79999 | 200074 |
| Gujarat | Total | 5447500 | 6839415 | 4244449 | 3649591 | 1203051 | 3189824 |
| | Rural | 5251457 | 6481295 | 4079513 | 3411622 | 1171944 | 3069673 |
| | Urban | 196043 | 358120 | 104936 | 237969 | 31107 | 120151 |
| Daman & Diu | Total | 2316 | 772 | 1492 | 362 | 824 | 410 |
| | Rural | 1654 | 551 | 938 | 193 | 716 | 358 |
| | Urban | 662 | 221 | 554 | 169 | 108 | 52 |
| Dadra & Nagar Haveli | Total | 28164 | 17799 | 18296 | 5453 | 9868 | 12346 |
| | Rural | 26140 | 16569 | 16760 | 4892 | 9380 | 11677 |
| | Urban | 2024 | 1230 | 1536 | 561 | 488 | 669 |
| Maharashtra | Total | 12569373 | 13486140 | 7592313 | 6774538 | 4977060 | 6711602 |
| | Rural | 12216563 | 12720993 | 7324880 | 6307148 | 4891683 | 6413845 |
| | Urban | 352810 | 765147 | 267433 | 467390 | 85377 | 297757 |
| Andhra Pradesh | Total | 6491522 | 16967754 | 4357304 | 8130022 | 2134218 | 8837732 |
| | Rural | 6267888 | 16102617 | 4192776 | 7656866 | 2075112 | 8445751 |
| | Urban | 223634 | 865137 | 164528 | 473156 | 59106 | 391981 |

(Contd.)

Table 2.3(c) (*Contd.*)

| States/UTs | Total / Urban / Rural | Cultivators (Main and Marginal) | Agricultural Labour (Main and Marginal) | Male Cultivators (Main and Marginal) | Male Agricultural Labour (Main and Marginal) | Female Cultivators (Main and Marginal) | Female Agricultural Labour (Main and Marginal) |
|---------------------------|-----------------------------|------------------------------------|---|--|--|--|--|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
| Karnataka | Total | 6580649 | 7155963 | 4755708 | 3283279 | 1826941 | 3872684 |
| | Rural | 6349930 | 6737213 | 4565677 | 3047116 | 1775253 | 3690097 |
| | Urban | 239719 | 418750 | 188031 | 236163 | 51688 | 182587 |
| Goa | Total | 31354 | 26760 | 18848 | 14816 | 12506 | 11944 |
| | Rural | 26275 | 20508 | 15474 | 11036 | 10801 | 9472 |
| | Urban | 5079 | 6232 | 3374 | 3780 | 1705 | 2472 |
| Lakshadweep | Total | 0 | 0 | 0 | 0 | 0 | 0 |
| | Rural | 0 | 0 | 0 | 0 | 0 | 0 |
| | Urban | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerala | Total | 670253 | 1322850 | 546906 | 857995 | 123347 | 464855 |
| | Rural | 587029 | 1083003 | 478881 | 690294 | 108148 | 392709 |
| | Urban | 83224 | 239847 | 68025 | 167701 | 15199 | 72146 |
| Tamil Nadu | Total | 4248457 | 9606547 | 2732479 | 4842707 | 1515978 | 4763840 |
| | Rural | 3885657 | 8408101 | 2476311 | 4162199 | 1409346 | 4245902 |
| | Urban | 362800 | 1198446 | 256168 | 680508 | 106632 | 517938 |
| Puducherry | Total | 12099 | 68391 | 10033 | 42794 | 2066 | 25597 |
| | Rural | 8997 | 58259 | 7399 | 35397 | 1598 | 22862 |
| | Urban | 3102 | 10132 | 2634 | 7397 | 468 | 2735 |
| Andaman & Nicobar Islands | Total | 16567 | 4781 | 12663 | 3744 | 3904 | 1037 |
| | Rural | 16185 | 4620 | 12364 | 3614 | 3821 | 1006 |
| | Urban | 382 | 161 | 299 | 130 | 83 | 31 |

Source: Registrar General of India.

Note: 1. India and Jammu & Kashmir exclude population of those portion of Jammu & Kashmir which are under illegal occupation of Pakistan and China.

Table 2.4: State-wise Percentage of Population Below Poverty Line

| States/UTs | 2004-05 | | | 2009-10 | | | 2011-12 | | |
|-------------------|---------|-------|-------|---------|-------|-------|---------|-------|-------|
| | Rural | Urban | Total | Rural | Urban | Total | Rural | Urban | Total |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
| Andhra Pradesh | 32.3 | 23.4 | 29.6 | 22.8 | 17.7 | 21.1 | 11.0 | 5.8 | 9.2 |
| Arunachal Pradesh | 33.6 | 23.5 | 31.4 | 26.2 | 24.9 | 25.9 | 38.9 | 20.3 | 34.7 |
| Assam | 36.4 | 21.8 | 34.4 | 39.9 | 26.1 | 37.9 | 33.9 | 20.5 | 32.0 |
| Bihar | 55.7 | 43.7 | 54.4 | 55.3 | 39.4 | 53.5 | 34.1 | 31.2 | 33.7 |
| Chhattisgarh | 55.1 | 28.4 | 49.4 | 56.1 | 23.8 | 48.7 | 44.6 | 24.8 | 39.9 |
| Delhi | 15.6 | 12.9 | 13.0 | 7.7 | 14.4 | 14.2 | 12.9 | 9.8 | 9.9 |
| Goa | 28.1 | 22.2 | 24.9 | 11.5 | 6.9 | 8.7 | 6.8 | 4.1 | 5.1 |
| Gujarat | 39.1 | 20.1 | 31.6 | 26.7 | 17.9 | 23.0 | 21.5 | 10.1 | 16.6 |
| Haryana | 24.8 | 22.4 | 24.1 | 18.6 | 23.0 | 20.1 | 11.6 | 10.3 | 11.2 |
| Himachal Pradesh | 25.0 | 4.6 | 22.9 | 9.1 | 12.6 | 9.5 | 8.5 | 4.3 | 8.1 |
| Jammu & Kashmir | 14.1 | 10.4 | 13.1 | 8.1 | 12.8 | 9.4 | 11.5 | 7.2 | 10.4 |
| Jharkhand | 51.6 | 23.8 | 45.3 | 41.6 | 31.1 | 39.1 | 40.8 | 24.8 | 37.0 |
| Karnataka | 37.5 | 25.9 | 33.3 | 26.1 | 19.6 | 23.6 | 24.5 | 15.3 | 20.9 |
| Kerala | 20.2 | 18.4 | 19.6 | 12.0 | 12.1 | 12.0 | 9.1 | 5.0 | 7.1 |
| Madhya Pradesh | 53.6 | 35.1 | 48.6 | 42.0 | 22.9 | 36.7 | 35.7 | 21.0 | 31.7 |
| Maharashtra | 47.9 | 25.6 | 38.2 | 29.5 | 18.3 | 24.5 | 24.2 | 9.1 | 17.4 |
| Manipur | 39.3 | 34.5 | 37.9 | 47.4 | 46.4 | 47.1 | 38.8 | 32.6 | 36.9 |
| Meghalaya | 14.0 | 24.7 | 16.1 | 15.3 | 24.1 | 17.1 | 12.5 | 9.3 | 11.9 |
| Mizoram | 23.0 | 7.9 | 15.4 | 31.1 | 11.5 | 21.1 | 35.4 | 6.4 | 20.4 |
| Nagaland | 10.0 | 4.3 | 8.8 | 19.3 | 25.0 | 20.9 | 19.9 | 16.5 | 18.9 |

(Contd.)

Table 2.4 (*Contd.*)

| States/UTs | 2004-05 | | | 2009-10 | | | 2011-12 | | |
|---------------|---------|------|-------|---------|-------|------|---------|-------|-------|
| | Rural | | Urban | Total | Rural | | Urban | Total | Rural |
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| Odisha | 60.8 | 37.6 | 57.2 | 39.2 | 25.9 | 37.0 | 35.7 | 17.3 | 32.6 |
| Puducherry | 22.9 | 9.9 | 14.2 | 0.2 | 1.6 | 1.2 | 17.1 | 6.3 | 9.7 |
| Punjab | 22.1 | 18.7 | 20.9 | 14.6 | 18.1 | 15.9 | 7.7 | 9.2 | 8.3 |
| Rajasthan | 35.8 | 29.7 | 34.4 | 26.4 | 19.9 | 24.8 | 16.1 | 10.7 | 14.7 |
| Sikkim | 31.8 | 25.9 | 30.9 | 15.5 | 5.0 | 13.1 | 9.9 | 3.7 | 8.2 |
| Tamil Nadu | 37.5 | 19.7 | 29.4 | 21.2 | 12.8 | 17.1 | 15.8 | 6.5 | 11.3 |
| Tripura | 44.5 | 22.5 | 40.0 | 19.8 | 10.0 | 17.4 | 16.5 | 7.4 | 14.1 |
| Uttar Pradesh | 42.7 | 34.1 | 40.9 | 39.4 | 31.7 | 37.7 | 30.4 | 26.1 | 29.4 |
| Uttarakhand | 35.1 | 26.2 | 32.7 | 14.9 | 25.2 | 18.0 | 11.6 | 10.5 | 11.3 |
| West Bengal | 38.2 | 24.4 | 34.2 | 28.8 | 22.0 | 26.7 | 22.5 | 14.7 | 20.0 |
| All-India | 42.0 | 25.5 | 37.2 | 33.8 | 20.9 | 29.8 | 25.7 | 13.7 | 21.9 |

Source: NITI Aayog

Notes:

1. Poverty estimates are based on the methodology suggested by the 'Expert Group on Methodology for estimation of poverty', chaired by Dr. Suresh.D. Tendulkar
2. Number of persons below poverty line in 2004-05 are estimated based on Population as on 1st March 2005 (revised on the basis of 2011 population census)
3. Number of persons below poverty line in 2009-10 are estimated based on Population as on 1st March 2010 (interpolated between 2001 and 2011 population Census)
4. Number of persons below poverty line in 2011-12 are estimated based on Population as on 1st March 2012 (2011 Census population extrapolated)
5. Poverty line of Tamil Nadu is used for Andaman and Nicobar Island.
6. Urban Poverty Line of Punjab is used for both rural and urban areas of Chandigarh.
7. Poverty Line of Maharashtra is used for Dadra & Nagar Haveli.
8. Poverty Line of Goa is used for Daman & Diu
9. Poverty Line of Kerala is used for Lakshadweep.

Table 2.5: Population & Labour Force Projections

| Year | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|--------|--------|--------|--------|--------|--------|--------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
| Total Population (0+) (in millions) | 1210.2 | 1227.1 | 1244.0 | 1260.6 | 1277.1 | 1293.5 | 1309.7 |
| Population (15 & above) (in millions) | 849.6 | 871.3 | 893.2 | 915.2 | 937.4 | 959.8 | 982.2 |
| 15 & above population (%) | 70.2 | 71.0 | 71.8 | 72.6 | 73.4 | 74.2 | 75.0 |
| Labour Force (15 & above) (in millions) | 477.9 | 482.7 | 487.2 | 491.5 | 495.4 | 499.1 | 502.4 |
| LFPR for 15 and above age group (%) | 56.3 | 55.4 | 54.5 | 53.7 | 52.8 | 52.0 | 51.2 |

Source: 12th Plan Document, Volume III, Chapter 22: Employment & Skill Development

**Table 2.6(a): Gross Value Added (GVA) at basic prices by Economic Activity
(at 2011-12 prices)**

| S. No. | Industry | | 2011-12(NS) | 2012-13(NS) | 2013-14(NS) | 2014-15(PE) |
|-----------|---|--|----------------|----------------|----------------|----------------|
| (1) | (2) | | (3) | (4) | (5) | (6) |
| 1. | Agriculture, forestry and fishing | | 1505580 | 1523470 | 1579290 | 1582851 |
| 1.1 | Crops | | 986604 | 985194 | 1017921 | |
| 1.2 | Livestock | | 324013 | 340661 | 359312 | |
| 1.3 | Forestry and logging | | 129105 | 128160 | 128550 | |
| 1.4 | Fishing and aquaculture | | 65858 | 69455 | 73507 | |
| 2. | Mining and quarrying | | 262813 | 262253 | 276380 | 283062 |
| 3. | Manufacturing | | 1482158 | 1574471 | 1658176 | 1776469 |
| 3.1 | Food Products, Beverages and Tobacco | | 164211 | 160960 | 167084 | |
| 3.2 | Textiles, Apparel and Leather Products | | 149695 | 193215 | 205338 | |
| 3.3 | Metal Products | | 294827 | 223142 | 238557 | |
| 3.4 | Machinery and Equipment | | 316486 | 353540 | 377882 | |
| 3.5 | Other Manufactured Goods | | 556939 | 643614 | 669315 | |
| 4. | Electricity, gas, water supply & other utility services | | 194403 | 202224 | 211846 | 228579 |
| 5. | Construction | | 774093 | 740518 | 758887 | 795066 |
| 6. | Trade, repair, hotels and restaurants | | 882957 | 973800 | 1103532 | 1232077 |
| 6.1 | Trade & repair services | | 792996 | 8800867 | 1006951 | |
| 6.2 | Hotels & restaurants | | 89962 | 92933 | 96581 | |
| 7. | Transport, storage, communication & services related to broadcasting | | 530163 | 574939 | 616981 | 672123 |
| 7.1 | Railways | | 61210 | 72249 | 78940 | |
| 7.2 | Road transport | | 2600888 | 280365 | 294326 | |

(Contd.)

Table 26(a) (Contd.)

| S. No. | Industry | 2011-12(NS) | 2012-13(NS) | 2013-14(NS) | 2014-15(PE) |
|------------|--|-----------------|----------------|----------------|----------------|
| (1) | (2) | (3) | (4) | (5) | (6) |
| 7.3 | Water transport | 7193 | 7417 | 7671 | |
| 7.4 | Air transport | 4454 | 4192 | 4444 | |
| 7.5 | Services incidental to transport | 63573 | 69153 | 71771 | |
| 7.6 | Storage | 5292 | 5928 | 6011 | |
| 7.7 | Communication & services related to broadcasting | 127553 | 135635 | 153818 | |
| 8 | Financial, Real Estate & Professional Services | 1539575 | 1675405 | 1807338 | 2015912 |
| 8.1 | Financial services | 480232 | 512313 | 545107 | |
| 8.2 | Real estate, ownership of dwelling & professional services | 1059342 | 1163092 | 1262231 | |
| 9 | Public Administration, Defence & other services | 10223803 | 1072144 | 1157357 | 1240950 |
| 9.1 | Public administration and defence | 492405 | 507948 | 532596 | |
| 9.2 | Other services | 531398 | 564196 | 624761 | |
| 10. | TOTAL GVA at basic prices | 8195546 | 8599224 | 9169787 | 9827089 |
| 11. | Total Net Value Added at basic prices | 7286889 | 7619726 | 8120808 | 8702917 |
| 12. | Product Taxes less Product Subsidies | 636466 | 681579 | 751319 | 816894 |
| 13. | Net Factor Income from Abroad | -76824 | -107878 | -120293 | -130820 |
| 14. | NPI | 7846531 | 8193427 | 8751834 | 9388992 |
| 15. | Per Capita Income (in Rupees) | 64316 | 66344 | 69959 | 74104 |

Source: Central Statistics Office.

PE: Provisional Estimates, NS: New Series Estimates

Table 2.6(b): Gross Value Added (GVA) at basic prices by Economic Activity
(at current prices)

| S. No. | Industry | 2011-12 (NS) (1) (2) | 2012-13 (NS) (3) | 2013-14 (NS) (4) | 2014-15 (PE) (5) (6) |
|-----------|---|----------------------------|---------------------|---------------------|----------------------------|
| 1. | Agriculture, forestry and fishing | 1505580 | 1668576 | 1881152 | 1964506 |
| 1.1 | Crops | 985604 | 1080421 | 1233595 | |
| 1.2 | Livestock | 324013 | 367318 | 406035 | |
| 1.3 | Forestry and logging | 129105 | 142886 | 144698 | |
| 1.4 | Fishing and aquaculture | 65858 | 78051 | 96824 | |
| 2. | Mining and quarrying | 262813 | 284771 | 298544 | 275812 |
| 3. | Manufacturing | 1482158 | 1654984 | 1808370 | 1984173 |
| 3.1 | Food Products, Beverages and Tobacco | 164211 | 171900 | 186611 | |
| 3.2 | Textiles, Apparel and Leather Products | 149695 | 197622 | 2222320 | |
| 3.3 | Metal Products | 294827 | 237157 | 251563 | |
| 3.4 | Machinery and Equipment | 316486 | 364953 | 401305 | |
| 3.5 | Other Manufactured Goods | 556939 | 682452 | 746571 | |
| 4. | Electricity, gas, water supply & other utility services | 194403 | 213826 | 244220 | 278593 |
| 5. | Construction | 774093 | 801884 | 868808 | 928418 |
| 6. | Trade, repair, hotels and restaurants | 882957 | 1046241 | 1257324 | 1431836 |
| 6.1 | Trade & repair services | 792996 | 946401 | 1147274 | |
| 6.2 | Hotels & restaurants | 89962 | 99840 | 110050 | |
| 7 | Transport, storage, communication & services related to broadcasting | 530163 | 614236 | 688736 | 773448 |
| 7.1 | Railways | 61210 | 72386 | 79759 | |
| 7.2 | Road transport | 260888 | 303132 | 334086 | |

Table 26(b) (*Contd.*)

| S. No. | Industry | 2011-12 (NS) | 2012-13 (NS) | 2013-14 (NS) | 2014-15 (PE) |
|------------|--|----------------|----------------|-----------------|-----------------|
| (1) | (2) | (3) | (4) | (5) | (6) |
| 7.3 | Water transport | 7193 | 7468 | 7664 | |
| 7.4 | Air transport | 4454 | 7989 | 6621 | |
| 7.5 | Services incidental to transport | 63573 | 72205 | 76583 | |
| 7.6 | Storage | 5292 | 6254 | 6844 | |
| 7.7 | Communication & services related to broadcasting | 127553 | 144802 | 177179 | |
| 8 | Financial, Real Estate & Professional services | 1539575 | 1807699 | 2074623 | 2372103 |
| 8.1 | Financial services | 480232 | 546440 | 609464 | |
| 8.2 | Real estate, ownership of dwelling & professional services | 1059342 | 1261259 | 1465159 | |
| 9 | Public Administration, Defence & other services | 1023803 | 1160634 | 1355362 | 1541351 |
| 9.1 | Public administration and defence | 492405 | 554375 | 630500 | |
| 9.2 | Other services | 531398 | 606259 | 724862 | |
| 10. | Total GVA at basic prices | 8195546 | 9252051 | 10477139 | 11550240 |
| 11. | NVA at basic prices | 7286889 | 8222007 | 9328494 | 10283946 |
| 12. | Net taxes on products | 636466 | 736489 | 867916 | 990969 |
| 13. | Net Factor Income from Abroad | -76824 | -116763 | -139887 | -157300 |
| 14. | NNI | 7846531 | 8841733 | 10056523 | 11117615 |
| 15. | Per Capita Income (in Rupees) | 64316 | 71593 | 80388 | 87748 |

Source: Central Statistics Office.

PE: Provisional Estimates, NS: New Series Estimates

2.6 (c): Percentage share of Gross Value Added (GVA) at 2011-12 Prices

| S.No. | Industry | 2011-12 | 2012-13 | 2013-14 | 2014-15 (PE) |
|----------|---|--------------|--------------|--------------|--------------|
| (1) | (2) | (3) | (4) | (5) | (6) |
| 1 | Agriculture, forestry & fishing | 18.4 | 17.7 | 17.2 | 16.1 |
| 1.1 | Crops | 12.0 | 11.5 | 11.1 | |
| 1.2 | Livestock | 4.0 | 4.0 | 3.9 | |
| 1.3 | Forestry and logging | 1.6 | 1.5 | 1.4 | |
| 1.4 | Fishing and aquaculture | 0.8 | 0.8 | 0.8 | |
| 2 | Industry | 33.1 | 32.3 | 31.7 | 31.4 |
| 2.1 | Mining & quarrying | 3.2 | 3.0 | 3.0 | 2.9 |
| 2.2 | Manufacturing | 18.1 | 18.3 | 18.1 | 18.1 |
| 2.3 | Electricity, gas, water supply & other utility services | 2.4 | 2.4 | 2.3 | 2.3 |
| 2.4 | Construction | 9.4 | 8.6 | 8.3 | 8.1 |
| 3 | Services | 48.5 | 50.0 | 51.1 | 52.5 |
| 4 | Gross Value Added at basic prices | 100.0 | 100.0 | 100.0 | 100.0 |

Source: Central Statistics Office.

Table 2.6 (d): Percentage Growth of Gross Value Added (GVA) at 2011-12 Prices

| S.No. | Industry | 2012-13 | 2013-14 | 2014-15 (PE) |
|----------|---|------------|------------|--------------|
| (1) | (2) | (3) | (4) | (5) |
| 1 | Agriculture, forestry & fishing | 1.2 | 3.7 | 0.2 |
| 1.1 | Crops | -0.1 | 3.3 | |
| 1.2 | Livestock | 5.1 | 5.5 | |
| 1.3 | Forestry and logging | -0.7 | 0.3 | |
| 1.4 | Fishing and aquaculture | 5.5 | 5.8 | |
| 2 | Industry | 2.4 | 4.5 | 6.1 |
| 2.1 | Mining & quarrying | -0.2 | 5.4 | 2.4 |
| 2.2 | Manufacturing | 6.2 | 5.3 | 7.1 |
| 2.3 | Electricity, gas, water supply & other utility services | 4.0 | 4.8 | 7.9 |
| 2.4 | Construction | -4.3 | 2.5 | 4.8 |
| 3 | Services | 8.0 | 9.1 | 10.2 |
| 4 | Gross Value Added at basic prices | 4.9 | 6.6 | 7.2 |

Source: Central Statistics Office.

PE: Provisional Estimates

Table 2.6 (c): Gross Domestic Product by Economic Activity at Constant Prices (2004-05 series)

| | | (₹ crore) | | | | | | |
|-----------|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| S. No. | Industry | 2004-05 | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | |
| 1 | Agriculture, Forestry & Fishing | 565426 | 594487 | 619190 | 655080 | 655689 | 660987 | 717814 |
| 1.1 | Agriculture | 476634 | 502996 | 523745 | 556956 | 555442 | 557715 | 610905 |
| 1.2 | Forestry & logging | 61640 | 62742 | 64795 | 65697 | 66932 | 68877 | 70509 |
| 1.3 | Fishing | 27152 | 28749 | 30650 | 32427 | 33315 | 34395 | 36400 |
| 2 | Industry | 829783 | 910413 | 1021204 | 1119995 | 1169736 | 1276919 | 1373339 |
| 2.1 | Mining & quarrying | 85028 | 86141 | 92578 | 95997 | 98055 | 103830 | 110617 |
| 2.2 | Manufacturing | 453225 | 499020 | 570458 | 629073 | 656302 | 730435 | 795152 |
| 2.2.1 | Registered | 292344 | 327739 | 379374 | 417528 | 442055 | 504601 | 555240 |
| 2.2.2 | Unregistered | 160881 | 171281 | 191084 | 211545 | 214247 | 225834 | 239912 |
| 2.3 | Electricity, gas & water supply | 62675 | 67123 | 73362 | 79430 | 83050 | 88218 | 92862 |
| 2.4 | Construction | 228855 | 258129 | 284806 | 315495 | 332329 | 354436 | 374708 |
| 3 | Services | 1576255 | 1748173 | 1923970 | 2121561 | 2333251 | 2578165 | 2827380 |
| 3.1 | Trade, hotels & restaurant | 477303 | 535397 | 594918 | 655013 | 692224 | 747019 | 836352 |
| 3.1.1 | Trade | 433967 | 484521 | 536693 | 589242 | 628627 | 682207 | 764018 |
| 3.1.2 | Hotels & restaurants | 43336 | 50876 | 58225 | 65771 | 63597 | 64812 | 72334 |
| 4 | Transport, storage & communication | 250417 | 280010 | 315166 | 355507 | 392901 | 450872 | 507672 |
| 4.1 | Railways | 29162 | 31339 | 34832 | 38235 | 41161 | 44763 | 47404 |
| 4.2 | Transport by other means | 169995 | 185741 | 202367 | 219969 | 231564 | 248380 | 268669 |
| 4.3 | Storage | 1980 | 2073 | 2298 | 2375 | 2711 | 3233 | 3353 |
| 4.4 | Communication | 49280 | 60857 | 75669 | 93928 | 117465 | 154496 | 188246 |

(Contd.)

Table 26(e) (*Contd.*)

| S. No. | Industry | 2004-05 | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 |
|-----------|--|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | |
| 5 | Financing, insurance, real Estate & business services | 437174 | 492340 | 561063 | 628124 | 703629 | 771905 | 849189 |
| 5.1 | Banking & insurance | 171098 | 198158 | 238899 | 278776 | 317826 | 353983 | 406609 |
| 5.2 | Real estate, ownership of dwellings, Business & legal services | 266076 | 294182 | 322164 | 349348 | 385803 | 417922 | 442580 |
| 6 | Community, social & Personal services | 411361 | 440426 | 452823 | 483917 | 544497 | 608369 | |
| 6.1 | Public administration & defence | 174638 | 182212 | 185639 | 199773 | 239349 | 281365 | 280268 |
| 6.2 | Other services | 236723 | 258214 | 267184 | 284144 | 305148 | 327004 | 353899 |
| 7 | Gross Domestic Product at factor cost (1 to 9) | 2971464 | 3253073 | 3564364 | 3896636 | 4158676 | 4516071 | 4918533 |
| 8 | Total Net Domestic Product at Factor cost | 2651573 | 2902180 | 3178664 | 3469008 | 3689772 | 3994165 | 4348233 |
| 9 | Net Factor Income from Abroad | -22375 | -24896 | -29515 | -17179 | -25384 | -27757 | -54647 |
| 10 | NNP at Factor Cost | 2629198 | 2877284 | 3149149 | 3451829 | 3664388 | 3966408 | 4293586 |
| 11 | Per Capita Income (in Rupees) | 24143 | 26015 | 28067 | 30332 | 31754 | 33901 | 36202 |

Source: Central Statistics Office.

*- First Revised Estimates

Table 2.6 (f): Gross Domestic Product by Economic Activity at Current Prices (2004-05 series)

| S. No. | Industry | 2004-05 | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 |
|----------|---|----------------|----------------|----------------|----------------|----------------|------------------|------------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| 1 | Agriculture, Forestry & Fishing | 565426 | 637772 | 722984 | 836518 | 943204 | 1083514 | 1319686 |
| 1.1 | Agriculture | 476634 | 536822 | 604672 | 716276 | 806646 | 928586 | 1,143,517 |
| 1.2 | Forestry & logging | 61640 | 69251 | 83130 | 81311 | 92485 | 104558 | 118,898 |
| 1.3 | Fishing | 27152 | 31699 | 35182 | 38931 | 44073 | 50370 | 57,271 |
| 2 | Industry | 829783 | 953872 | 1140197 | 1330270 | 1500254 | 1,695,796 | 1,968,450 |
| 2.1 | Mining & quarrying | 85028 | 94462 | 106787 | 124812 | 139828 | 159,304 | 204,866 |
| 2.2 | Manufacturing | 453225 | 521669 | 634828 | 732720 | 818322 | 922151 | 1072489 |
| 2.2.1 | Registered | 292344 | 345443 | 427075 | 492758 | 561460 | 643,538 | 754,553 |
| 2.2.2 | Unregistered | 160881 | 176226 | 207753 | 239962 | 250862 | 278,613 | 317,936 |
| 2.3 | Electricity, gas & water supply | 62675 | 69107 | 76153 | 83830 | 91070 | 113,883 | 119,560 |
| 2.4 | Construction | 228855 | 268634 | 322429 | 388908 | 451034 | 500,458 | 571,535 |
| 3 | Services | 1576255 | 1798859 | 2090095 | 2415298 | 2860109 | 3329593 | 3960723 |
| 3.1 | Trade, hotels & restaurant | 477303 | 566929 | 675347 | 783247 | 895397 | 1010232 | 1250472 |
| 3.1.1 | Trade | 433967 | 513238 | 609523 | 705025 | 813503 | 923,004 | 1,143,104 |
| 3.1.2 | Hotels & restaurants | 43336 | 53691 | 65724 | 78222 | 81894 | 87,228 | 107,368 |
| 4 | Transport, storage & communication | 250417 | 279677 | 323032 | 366797 | 415448 | 471391 | 529158 |
| 4.1 | Railways | 29162 | 30771 | 37429 | 43608 | 47478 | 55,571 | 56,877 |
| 4.2 | Transport by other means | 169995 | 192716 | 224389 | 254404 | 289327 | 325,126 | 387,533 |
| 4.3 | Storage | 1980 | 2155 | 2520 | 2716 | 3213 | 4,211 | 4,649 |
| 4.4 | Communication | 49280 | 54035 | 58694 | 66069 | 75430 | 86,483 | 80,099 |

Table 26(f) (*Contd.*)

| S. No. | Industry | 2004-05 | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 |
|----------|--|---------------|----------------|----------------|----------------|----------------|----------------|----------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| 5 | Financing, insurance, real Estate & business services | 437174 | 493102 | 586595 | 691464 | 845369 | 964937 | 1165243 |
| 5.1 | Banking & insurance | 171098 | 184118 | 217196 | 251195 | 298931 | 331,793 | 410,407 |
| 5.2 | Real estate, ownership of dwellings, Business & legal services | 266076 | 308984 | 369399 | 440269 | 546438 | 633,144 | 754,836 |
| 6 | Community, social & Personal services | 411361 | 459151 | 505121 | 573790 | 703895 | 883033 | 1015850 |
| 6.1 | Public administration & defence | 174638 | 189827 | 206081 | 234992 | 306653 | 403,641 | 442,120 |
| 6.2 | Other services | 236723 | 269324 | 290940 | 338798 | 397242 | 479,392 | 573,730 |
| 7 | Gross Domestic Product at Factor cost (1 to 9) | 297144 | 3390503 | 3953276 | 4582086 | 5303567 | 6108903 | 7248860 |
| 8 | Total Net Domestic Product at Factor cost | 2651573 | 3026782 | 3534547 | 4097390 | 4738370 | 5449104 | 6488641 |
| 9 | Net Factor Income from Abroad | -22375 | -26116 | -33234 | -20512 | -32923 | -38000 | -81807 |
| 10 | NNP at Factor Cost | 2629198 | 3000666 | 3501313 | 4076878 | 4705447 | 5411104 | 6406834 |
| 11 | Per Capita NNP (in Rupees) | 24143 | 27131 | 31206 | 35825 | 40775 | 46249 | 54021 |

Source: Central Statistics Office.

\$- Second Revised Estimates

*- First Revised Estimates

** Provisional Estimates

Table 2.6 (g): Percentage Share of Gross Domestic Product (GDP) at 2004-05 Prices

| Industry (1) | 2004-05 (2) | 2005-06 (3) | 2006-07 (4) | 2007-08 (5) | 2008-09 (6) | 2009-10 (7) | 2010-11 (8) |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| I. Agriculture, forestry & fishing | | | | | | | |
| Agriculture | 19.0 | 18.3 | 17.4 | 16.8 | 15.8 | 14.6 | 14.6 |
| Forestry & logging | 16.0 | 15.5 | 14.7 | 14.3 | 13.4 | 12.3 | 12.4 |
| Fishing | 2.1 | 1.9 | 1.8 | 1.7 | 1.6 | 1.5 | 1.4 |
| II. Industry | | | | | | | |
| Mining & quarrying | 27.9 | 28.0 | 28.7 | 28.7 | 28.1 | 28.3 | 27.9 |
| Manufacturing | 2.9 | 2.6 | 2.6 | 2.5 | 2.4 | 2.3 | 2.2 |
| Electricity, gas & water supply | 15.3 | 15.3 | 16.0 | 16.1 | 15.8 | 16.2 | 16.2 |
| Construction | 2.1 | 2.1 | 2.1 | 2.0 | 2.0 | 2.0 | 1.9 |
| III. Services | | | | | | | |
| Gross Domestic Product at factor cost | 53.0 | 53.7 | 54.0 | 54.4 | 56.1 | 57.1 | 57.5 |
| | 100.0 |

Source: Central Statistics Office.

Table 2.6 (h); Percentage Growth of Gross Domestic Product (GDP) at 2004-05 Prices

| Industry (1) | 2005-06 (2) | 2006-07 (3) | 2007-08 (4) | 2008-09 (5) | 2009-10 (6) | 2010-11 (7) |
|---|----------------|----------------|----------------|----------------|----------------|----------------|
| I. Agriculture, forestry & fishing | | | | | | |
| Agriculture | 5.1 | 4.2 | 5.8 | 0.1 | 0.8 | 8.6 |
| Forestry & logging | 5.5 | 4.1 | 6.3 | -0.3 | 0.4 | 9.5 |
| Fishing | 1.8 | 3.3 | 1.4 | 1.9 | 2.9 | 2.4 |
| II. Industry | | | | | | |
| Mining & quarrying | 9.7 | 12.2 | 9.7 | 4.4 | 9.2 | 7.6 |
| Manufacturing | 1.3 | 7.5 | 3.7 | 2.1 | 5.9 | 6.5 |
| Electricity, gas & water supply | 10.1 | 14.3 | 10.3 | 4.3 | 11.3 | 8.9 |
| Construction | 7.1 | 9.3 | 8.3 | 4.6 | 6.2 | 5.3 |
| III. Services | | | | | | |
| Gross Domestic Product at factor cost | 10.9 | 10.1 | 10.3 | 10.0 | 10.5 | 9.7 |
| | 9.5 | 9.6 | 9.3 | 6.7 | 8.6 | 8.9 |

Source: Central Statistics Office.

Table 2.7(a): Gross State Domestic Product from Agriculture and Allied Sector at Constant (2004-05) Prices

| State\UT | 2004-05 | | | | | | (In Lakh Rupees) | | | | | |
|-------------------|---------|---------|---------|---------|---------|---------|------------------|---------|----------|---------|---------|----------|
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Andhra Pradesh | 4023173 | 3961198 | 4088690 | 4821532 | 4735782 | 5059754 | 5001947 | 5162439 | 5547341 | 5987882 | 6341361 | |
| Arunachal Pradesh | 122443 | 119383 | 131122 | 147115 | 136921 | 135085 | 153318 | 168969 | 171963 | 178979 | 184574 | |
| Assam | 1365566 | 1400591 | 1427369 | 1467602 | 1496102 | 1599220 | 1644740 | 1672528 | 1726028 | 1800965 | 1864497 | |
| Bihar | 2452979 | 2172883 | 2705570 | 2503527 | 2976649 | 2570808 | 3000165 | 3375476 | 36553278 | 3427352 | 3578129 | |
| Chhattisgarh | 1015910 | 1145462 | 1196815 | 1308379 | 1178235 | 1278393 | 1553055 | 1599078 | 1799231 | 1824097 | 1872730 | |
| Goa | 99811 | 123330 | 103611 | 105195 | 97536 | 98312 | 99949 | 101396 | 96805 | 110164 | NA | |
| Gujarat | 3270600 | 4026200 | 3996700 | 4345600 | 4034000 | 4004200 | 4870896 | 5137868 | 4677744 | 6001467 | NA | |
| Haryana | 2212502 | 2172544 | 2479994 | 2478469 | 2657219 | 2618772 | 2755344 | 2972020 | 2954658 | 3044943 | 3042922 | |
| Himachal Pradesh | 613297 | 651184 | 646707 | 704787 | 698252 | 620135 | 734608 | 709171 | 776488 | 880157 | NA | |
| Jammu & Kashmir | 766153 | 767955 | 776071 | 781108 | 811001 | 807177 | 874620 | 894790 | 881911 | 927226 | 789072 | |
| Jharkhand | 891672 | 924191 | 1040499 | 1098844 | 1289021 | 1201326 | 1254965 | 1584185 | 1681545 | 1821194 | 1976448 | |
| Karnataka | 3118984 | 3428434 | 3330984 | 3743086 | 3827906 | 3983733 | 4627926 | 4321144 | 4426178 | 4843558 | 5063572 | |
| Kerala | 2084375 | 2188216 | 2050767 | 2025514 | 2065657 | 2033328 | 1903856 | 1997074 | 2024622 | 1997187 | NA | |
| Madhya Pradesh | 3122830 | 3343877 | 3422388 | 3371464 | 3669792 | 3997137 | 4006773 | 4543033 | 5368512 | 6463478 | 7681727 | |
| Maharashtra | 4492660 | 4906200 | 5594548 | 6364150 | 5380755 | 5435801 | 6574679 | 6406520 | 6438432 | 6931137 | 6344143 | |
| Manipur | 127024 | 126644 | 126745 | 139434 | 152538 | 173267 | 141733 | 145099 | 159335 | 164260 | NA | |
| Meghalaya | 152507 | 159973 | 162098 | 160612 | 167274 | 171050 | 174249 | 182173 | 198900 | 212439 | 226210 | |
| Mizoram | 63025 | 64053 | 64227 | 73258 | 82198 | 89737 | 104474 | 101221 | 101257 | 101332 | NA | |
| Nagaland | 202912 | 208092 | 210112 | 211403 | 227315 | 233878 | 253538 | 267043 | 277548 | 288645 | 300213 | |
| Odisha | 1825698 | 1886717 | 1923241 | 2012888 | 2050447 | 2209191 | 2251182 | 2237834 | 2483298 | 2240477 | 2286606 | (Contd.) |

Table 2.7(a) (Contd.)

| State\UT | 2004-05 | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 |
|---------------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Punjab | 3161249 | 3191433 | 3282420 | 3407949 | 3477186 | 3466610 | 3523584 | 3588605 | 3608220 | 3722989 | 3704335 |
| Rajasthan | 3272993 | 3283043 | 3529677 | 3586702 | 3737060 | 3636497 | 4962131 | 4908855 | 4895954 | 5147852 | 5289560 |
| Sikkim | 32325 | 33660 | 33690 | 35009 | 36510 | 38056 | 39904 | 55212 | 56405 | 58307 | NA |
| Tamil Nadu | 2436179 | 2759171 | 3124432 | 2986746 | 2918274 | 3103600 | 3355347 | 3667249 | 3259956 | 3498791 | 3671686 |
| Telangana | 1611215 | 2017739 | 2007884 | 2334738 | 2475052 | 2166440 | 2585760 | 2576545 | 2872593 | 3113607 | 2792565 |
| Tripura | 223164 | 230328 | 248996 | 291763 | 308285 | 324317 | 361445 | 367462 | 385246 | 414110 | NA |
| Uttar Pradesh | 7757076 | 793833 | 8130574 | 8416275 | 8736317 | 8701753 | 9111541 | 9621311 | 10068959 | 10187757 | 10615385 |
| Uttarakhand | 552040 | 534257 | 559139 | 570823 | 549924 | 602899 | 629297 | 654555 | 712462 | 694587 | 730168 |
| West Bengal | 4993552 | 5104529 | 5212864 | 5536465 | 5406310 | 5781448 | 5660323 | 5705989 | 5896069 | 6073690 | 6274673 |
| A & N Islands | 29874 | 22900 | 30349 | 30546 | 32884 | 33228 | 34613 | 35641 | 36767 | 37692 | NA |
| Chandigarh | 7708 | 7908 | 7951 | 8000 | 8521 | 7405 | 6891 | 5808 | 5299 | 5268 | NA |
| Delhi | 109448 | 105697 | 106908 | 103907 | 103234 | 130696 | 141034 | 142367 | 144486 | 151865 | 156220 |
| Puducherry | 30482 | 29445 | 32404 | 31971 | 47069 | 39277 | 49341 | 42254 | 50994 | 54052 | 59579 |

Source: Central Statistics Office (CSO)

Note: Agriculture and Allied Sector includes Agriculture, Forestry, logging and Fishing.
 NA : Not Available

Table 2.7(b): Gross State Domestic Product from Agriculture (including Livestock) for 2014-15 (at Constant 2004-05 Prices)

| Sl. No. | State/UT ^a | GSDP from Agriculture | | | % Share of Agriculture in Total GSDP ^b (In Lakh Rupees) |
|---------|-----------------------|-----------------------|-----|----------|---|
| | | (1) | (2) | (3) | |
| 1. | Andhra Pradesh | 4455876 | | 26452092 | 16.85 |
| 2. | Arunachal Pradesh | 112324 | | 632124 | 17.77 |
| 3. | Assam | 1526568 | | 9243163 | 16.52 |
| 4 | Bihar | 3156735 | | 18978925 | 16.63 |
| 5. | Chhattisgarh | 1414973 | | 10084247 | 14.03 |
| 6. | Goa | NA | | NA | NA |
| 7. | Gujarat | NA | | NA | NA |
| 8. | Haryana | 2870676 | | 21514573 | 13.34 |
| 9. | Himachal Pradesh | NA | | NA | NA |
| 10. | Jammu & Kashmir | 647728 | | 4512631 | 14.35 |
| 11. | Jharkhand | 1640019 | | 11874316 | 13.81 |
| 12. | Karnataka | 4300176 | | 34410571 | 12.50 |
| 13. | Kerala | NA | | NA | NA |
| 14. | Madhya Pradesh | 7249726 | | 25353258 | 28.59 |
| 15. | Maharashtra | 4863579 | | 94754976 | 5.13 |
| 16. | Manipur | NA | | NA | NA |
| 17. | Meghalaya | 180538 | | 1456112 | 12.40 |
| 18. | Mizoram | NA | | NA | NA |
| 19. | Nagaland | 234222 | | 1213965 | 19.29 |
| 20. | Odisha | 1832585 | | 14857608 | 12.33 |

(Contd.)

Table 2.7(b) (*Contd.*)

| Sl. No. | State/UT ¹ | GSDP from Agriculture | | | Total GSDP | % Share of Agriculture in Total GSDP |
|---------|-----------------------|-----------------------|-----|----------|------------|--------------------------------------|
| | | (1) | (2) | (3) | (4) | (5) |
| 21. | Punjab | 3493847 | | 18329810 | | 19.06 |
| 22. | Rajasthan | 4712674 | | 27222748 | | 17.31 |
| 23. | Sikkim | NA | | NA | | NA |
| 24. | Tamil Nadu | 3151154 | | 51545756 | | 6.11 |
| 25. | Telangana | 2458308 | | 21743200 | | 11.31 |
| 26. | Tripura | NA | | NA | | NA |
| 27. | Uttar Pradesh | 9648201 | | 49238380 | | 19.59 |
| 28. | Uttarakhand | 522840 | | 7755209 | | 6.74 |
| 29. | West Bengal | 4779796 | | 39838651 | | 12.00 |
| 30. | A & N islands | NA | | NA | | NA |
| 31. | Chandigarh | NA | | NA | | NA |
| 32. | Delhi | 147908 | | 23802650 | | 0.62 |
| 33. | Puducherry | 38741 | | 1570141 | | 2.47 |

Source: Central Statistics Office(CSO)

NA- Not Available

Table 2.8: Share of Agriculture & Allied Sector in Gross State Domestic Product at current Prices (2004-05 series)

| Sr. No. | State/UT | GSDP from Agriculture and Allied | | | | % Share of Agriculture & Allied in Total GSDP | | | | % Growth over previous year (₹ Lakh) | |
|----------------------|----------|----------------------------------|----------|---------|-------|---|---------|---------|-------|--------------------------------------|------|
| | | 2012-13 | 2013-14 | 2014-15 | (5) | 2012-13 | 2013-14 | 2014-15 | (8) | (9) | (10) |
| 1. Andhra Pradesh | 11401272 | 12922691 | 14349806 | 27.80 | 27.84 | 27.59 | 27.59 | 13.34 | 11.04 | | |
| 2. Arunachal Pradesh | 559223 | 614879 | 708395 | 47.25 | 45.39 | 45.44 | 45.44 | 9.95 | 15.21 | | |
| 3. Assam | 3203456 | 3720595 | 4165430 | 23.15 | 23.33 | 22.66 | 22.66 | 16.14 | 11.96 | | |
| 4. Bihar | 7931474 | 818648 | 9223120 | 27.01 | 23.83 | 22.93 | 22.93 | 3.26 | 12.62 | | |
| 5. Chhattisgarh | 3580220 | 3961477 | 4523068 | 21.61 | 21.33 | 21.52 | 21.52 | 10.65 | 14.18 | | |
| 6. Goa | 255180 | 391578 | NA | 6.02 | 8.01 | NA | NA | 53.45 | NA | | |
| 7. Gujarat | 11393015 | 15626637 | NA | 17.30 | 20.41 | NA | NA | 37.16 | NA | | |
| 8. Haryana | 6901812 | 786506 | 8177291 | 20.22 | 20.21 | 18.78 | 18.78 | 13.89 | 4.03 | | |
| 9. Himachal Pradesh | 1432832 | 1610320 | NA | 19.44 | 19.50 | NA | NA | 12.39 | NA | | |
| 10. Jammu & Kashmir | 1719326 | 2116844 | 1930327 | 22.35 | 24.17 | 21.96 | 21.96 | 23.12 | -8.81 | | |
| 11. Jharkhand | 2782135 | 3212144 | 3711629 | 18.35 | 18.59 | 18.79 | 18.79 | 15.46 | 15.55 | | |
| 12. Karnataka | 8576985 | 10497236 | 12309538 | 16.41 | 17.08 | 17.53 | 17.53 | 22.39 | 17.26 | | |
| 13. Kerala | 4970471 | 5418928 | NA | 14.29 | 13.67 | NA | NA | 9.02 | NA | | |
| 14. Madhya Pradesh | 10391448 | 14442945 | 18656743 | 28.76 | 33.22 | 36.73 | 36.73 | 38.99 | 29.18 | | |
| 15. Maharashtra | 14246930 | 17022854 | 16655868 | 10.77 | 11.27 | 9.87 | 9.87 | 19.48 | -2.16 | | |
| 16. Manipur | 280180 | 305990 | NA | 22.07 | 21.36 | NA | NA | 9.21 | NA | | |
| 17. Meghalaya | 310621 | 347800 | 381851 | 16.34 | 15.87 | 15.07 | 15.07 | 11.97 | 9.79 | | |
| 18. Mizoram | 151960 | 167424 | NA | 18.17 | 16.26 | NA | NA | 10.18 | NA | | |
| 19. Nagaland | 408232 | 466534 | 533180 | 26.04 | 26.28 | 26.53 | 26.53 | 14.28 | 14.29 | | |

(Contd.)

Table 2.8 (*Contd.*)

| Sr. No. | State/UT | GSDP from Agriculture and Allied | | | | % Share of Agriculture & Allied in Total GSDP | | | | % Growth over previous year | |
|---------|---------------|----------------------------------|----------|----------|-------|---|---------|---------|-------|-----------------------------|---------|
| | | 2012-13 | 2013-14 | 2014-15 | | 2012-13 | 2013-14 | 2014-15 | | 2013-14 | 2014-15 |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | | |
| 20. | Odisha | 5143464 | 5161393 | 5844937 | 20.47 | 18.91 | 18.81 | 0.35 | 13.24 | | |
| 21. | Punjab | 8187765 | 8931576 | 9334880 | 28.72 | 28.13 | 26.68 | 9.08 | 4.52 | | |
| 22. | Rajasthan | 13211952 | 14583528 | 15813297 | 28.10 | 28.17 | 27.52 | 10.38 | 8.43 | | |
| 23. | Sikkim | 110243 | 124798 | NA | 10.53 | 10.08 | NA | 13.20 | NA | | |
| 24. | Tamil Nadu | 8661891 | 10001500 | 11375548 | 11.63 | 11.71 | 11.65 | 15.47 | 13.74 | | |
| 25. | Telangana | 6948003 | 8054441 | 7706078 | 20.02 | 20.56 | 17.90 | 15.92 | -4.33 | | |
| 26. | Tripura | 543788 | 627264 | NA | 23.96 | 23.40 | NA | 15.35 | NA | | |
| 27. | Uttar Pradesh | 22946940 | 24256859 | 28241465 | 29.40 | 28.12 | 28.93 | 5.71 | 16.43 | | |
| 28. | Uttarakhand | 1666660 | 1736918 | 2000355 | 15.40 | 14.13 | 14.42 | 4.22 | 15.17 | | |
| 29. | West Bengal | 13723360 | 16651292 | 18912552 | 22.75 | 23.57 | 23.62 | 21.34 | 13.58 | | |
| 30. | A & N Islands | 55331 | 57603 | NA | 9.82 | 9.37 | NA | 4.11 | NA | | |
| 31. | Chandigarh | 10718 | 11629 | NA | 0.43 | 0.40 | NA | 8.50 | NA | | |
| 32. | Delhi | 331211 | 376721 | 377401 | 0.99 | 0.96 | 0.84 | 13.74 | 0.18 | | |
| 33. | Puducherry | 95186 | 118204 | 123744 | 5.67 | 5.61 | 4.79 | 24.18 | 4.69 | | |

Source: Central Statistics Office (CSO)

Note: Agriculture and Allied Sector includes Agriculture, Forestry, logging and Fishing.

NA : Not Available

3

Outlays, Expenditure and Capital Formation in Agriculture

Table 3.1: Share of Public Sector Outlays and Expenditure under Agriculture and Allied Activities

| (1) | Agriculture and Allied Activities | | | Total Plan Outlays | | % share of Agriculture and Allied Activities (₹ Crore) | |
|--------------------------------|-----------------------------------|---------------------------|---------------------|---------------------------|---------------------|---|--|
| | Plan Outlays (2) | Actual Expenditure (3) | Plan Outlays (4) | Actual Expenditure (5) | Plan Outlays (6) | Actual Expenditure (7) | |
| | | | | | | | |
| Ninth Plan (1997-2002) | 42462 | 37239 ₹ | 859200 | 941041 ₹ | 4.9 | 4.0 | |
| Annual Plan (1997-98) | 6974 | 5929 | 155905 | 129757 | 4.5 | 4.6 | |
| Annual Plan (1998-99) | 8687 | 7698 | 185907 | 151580 | 4.7 | 5.1 | |
| Annual Plan (1999-2000) | 8796 | 7365 | 192263 | 160608 | 4.6 | 4.6 | |
| Annual Plan (2000-2001) | 8281 | 7577 | 203359 | 185737 | 4.1 | 4.1 | |
| Annual Plan (2001-2002) | 9097 | 8248 | 228893 | 186315 | 4.0 | 4.4 | |
| Tenth Plan (2002-07) | 58933 | 60702 ₹ | 1525639 | 1618460 ₹ | 3.9 | 3.8 | |
| Annual Plan (2002-2003) | 9977 | 7655 | 247897 | 210203 | 4.0 | 3.6 | |
| Annual Plan (2003-2004) | 9940 | 8776 | 256042 | 224827 | 3.9 | 3.9 | |
| Annual Plan (2004-2005) | 11109 | 10963 | 287843 | 263665 | 3.9 | 4.2 | |
| Annual Plan (2005-2006) | 13840 | 12554 | 361239 | 247177 | 3.8 | 5.1 | |
| Annual Plan (2006-2007) | 16163 | 16573 | 441285 | 309912 | 3.7 | 5.3 | |
| Eleventh Plan (2007-12) | 136381 | 163105 ₹ | 3644718 | 3676936 ₹ | 3.7 | 4.4 | |
| Annual Plan (2007-2008) | 17971 | 20083 | 558765 | 475012 | 3.2 | 4.2 | |
| Annual Plan (2008-2009) | 27270 | 27117 | 684288 | 628161 | 4.0 | 4.3 | |
| Annual Plan (2009-2010) | 28772 | 29498 | 794616 | 717035 | 3.6 | 4.1 | |
| Annual Plan (2010-2011) | 36983 | 40370 | 929725 | 820268 | 4.0 | 4.9 | |
| Annual Plan (2011-2012) | 46255 | 46037 | 1097204 | 1030461 | 4.2 | 4.5 | |

(Contd.)

Table 3.1 (*Contd.*)

| (1) | Five Year Plan / Annual Plan | | Agriculture and Allied Activities | | Total Plan Outlay | | % share of Agriculture and Allied Activities | |
|--------------------------------|------------------------------|--------------------|-----------------------------------|--------------------|-------------------|--------------------|--|--|
| | Plan Outlays | Actual Expenditure | Plan Outlays | Actual Expenditure | Plan Outlays | Actual Expenditure | (7) | |
| Twelfth Plan (2012-17)* | 363273 | NA | 7669807 | NA | 4.7 | N.A | | |
| Annual Plan (2012-2013) | 56669 | 52521 | 1251715 | 971951 | 4.5 | 5.4 | | |
| Annual Plan (2013-2014) | 64098 | 61556(REF) | 1370936 | 1281022(REF) | 4.7 | 4.8 | | |
| Annual Plan (2014-15)## | 11531 | 10199(REF) | 484532 | 426811(REF) | 2.4 | 2.4 | | |
| Annual Plan (2015-16)## | 11657 | NA | 578382 | NA | 2.0 | NA | | |

Source: Economic Survey and Budget Documents, Ministry of Finance

Notes:

1. Figures include Outlays and Expenditure by Centre, States and Union Territories.

2. Actual Central Expenditure figures are including IEBR from 2009-10 onwards

* 12th Plan projections (At current prices).

For Centre only, as figures for States & UTs are not yet available.

NA - Not Available

§ Indicates 9th, 10th and 11th Plan Realization.

Table 3.2: Public Sector Outlays/ Expenditure

| Sl. No. | Sector | 9th Plan | | | | 10th Plan | | | | 11th Plan | | | | 2007-08 | | | | 2008-09 | | | | 2009-10 | | | |
|---------|-----------------------------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|------|---------|------|------|------|---------|------|------|------|---------|------|------|----|
| | | Outlays | Outlays | Outlays | BE | Outlays | BE | AE | BE | Outlays | BE | AE | BE | Outlays | BE | AE | BE | Outlays | BE | AE | BE | Outlays | BE | AE | BE |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) | (17) | (18) | (19) | (20) | (21) | (22) | (23) | (24) | (25) | |
| 1 | Agriculture and Allied Activities | 42462 | 58933 | 136381 | 17971 | 20083 | 27270 | 27117 | 28772 | 29498 | 36983 | 40370 | | | | | | | | | | | | | |
| 2 | Rural Development | 73439 | 121928 | 301069 | 32496 | 34309 | 39268 | 59080 | 64748 | 58615 | 70797 | 67008 | | | | | | | | | | | | | |
| 3 | Special Area Programmes | 3649 | 20879 | 26329 | 7732 | 6607 | 8372 | 6999 | 8295 | 7875 | 8860 | 10093 | | | | | | | | | | | | | |
| 4 | Irrigation & Flood Control | 55598 | 103315 | 210326 | 38547 | 38275 | 48094 | 41164 | 50489 | 42853 | 54948 | 46049 | | | | | | | | | | | | | |
| 5 | Energy | 215545 | 403927 | 854123 | 106246 | 33744 | 127496 | 39980 | 154012 | 148372 | 195333 | 150251 | | | | | | | | | | | | | |
| 6 | Industry & Minerals | 69972 | 58939 | 153600 | 25002 | 11379 | 34919 | 13343 | 45208 | 39041 | 52228 | 45056 | | | | | | | | | | | | | |
| 7 | Transport | 121324 | 225977 | 572443 | 101831 | 59963 | 121116 | 67849 | 135543 | 127356 | 145328 | 139542 | | | | | | | | | | | | | |
| 8 | Communications | 47616 | 98968 | 95380 | 25813 | 794 | 21937 | 981 | 16731 | 14749 | 18529 | 10336 | | | | | | | | | | | | | |
| 9 | Science, Technology & Environment | 25529 | 30424 | 87933 | 11791 | 9909 | 13278 | 11860 | 15647 | 13267 | 18644 | 15949 | | | | | | | | | | | | | |
| 10 | General Economic Services | 15038 | 38630 | 62523 | 11662 | 10175 | 17970 | 11108 | 16332 | 11482 | 20097 | 20496 | | | | | | | | | | | | | |
| 11 | Social Services | 182005 | 347391 | 1102327 | 172608 | 140397 | 216548 | 190813 | 247331 | 215955 | 295896 | 272031 | | | | | | | | | | | | | |
| 12 | General Services | 11940 | 16328 | 42283 | 7066 | 6243 | 8020 | 6999 | 11508 | 7972 | 12082 | 9088 | | | | | | | | | | | | | |
| | Total | 859201 | 1525639 | 3644717 | 558765 | 371878 | 684288 | 477293 | 794616 | 717035 | 929725 | 826269 | | | | | | | | | | | | | |

(Contd.)

Table 3.2 (*Contd.*)

| Sl. No. | Sector | 2011-12 | | 12th Plan* | | 2012-13 | | 2013-14 | | 2014-15 | | 2015-16 | | |
|---------|-----------------------------------|----------------|---------------|----------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|---------|------|------|
| | | BE | AE | BE | Outlays | BE | AE | BE | RE | BE | RE | BE | BE## | BE## |
| (1) | (2) | (14) | (15) | (16) | (17) | (18) | (19) | (20) | (21) | (22) | (23) | | | |
| 1 | Agriculture and Allied Activities | 46255 | 46037 | 363273 | 56669 | 52521 | 64098 | 61356 | 11531 | 10199 | 11657 | | | |
| 2 | Rural Development | 75821 | 37599 | 457464 | 72248 | 66194 | 77307 | 73255 | 3082 | 1877 | 3131 | | | |
| 3 | Special Area Programmes | 12413 | 0 | 80370 | 15342 | 11289 | 18392 | 18095 | 0 | 0 | 0 | | | |
| 4 | Irrigation & Flood Control | 64001 | 506 | 422012 | 72169 | 54394 | 78211 | 71253 | 1797 | 896 | 772 | | | |
| 5 | Energy | 208436 | 121855 | 1438466 | 208711 | 179438 | 221095 | 238019 | 166275 | 154878 | 167342 | | | |
| 6 | Industry & Minerals | 56400 | 36235 | 377302 | 71491 | 46786 | 64602 | 51428 | 40209 | 39397 | 43113 | | | |
| 7 | Transport | 171344 | 107532 | 1204172 | 183015 | 145002 | 196628 | 175543 | 116202 | 106242 | 193417 | | | |
| 8 | Communications | 20256 | 6586 | 80984 | 15411 | 6289 | 12380 | 9333 | 13009 | 13027 | 12032 | | | |
| 9 | Science, Technology & Environment | 22160 | 11735 | 167350 | 24220 | 18304 | 26874 | 22664 | 18792 | 14821 | 19023 | | | |
| 10 | General Economic Services | 35179 | 19697 | 305612 | 51525 | 37079 | 63022 | 47660 | 26318 | 17303 | 20333 | | | |
| 11 | Social Services | 356713 | 145352 | 2664843 | 419267 | 340266 | 476980 | 443357 | 79411 | 64284 | 81003 | | | |
| 12 | General Services | 28226 | 5305 | 107959 | 66040 | 14390 | 71347 | 69060 | 7906 | 3887 | 26559 | | | |
| | Total | 1097204 | 538439 | 7669807 | 1256108 | 971951 | 1370936 | 1281023 | 484532 | 426811 | 578382 | | | |

Source: Economic Survey and Budget Documents, Ministry of Finance.

For Centre only, as figures for States & UT's are not available. * 12th Plan Projection.

Figures include Outlays and Expenditure by Centre, States and Union Territories.

Table 3.3 : Disaggregated Public Sector Outlays / Expenditure under Agriculture and allied Activities

| S. No. | Sector | 2002-03 | | 2003-04 | | 2004-05 | | 2005-06 | | 2006-07 | | 2007-08 (###) | | 2008-09 (###) | | | |
|--------|-------------------------------|---------|------|---------|------|---------|-------|---------|-------|---------|------|---------------|------|---------------|------|----------|------|
| | | BE | | AE | | BE | | AE | | BE | | RE* | | BE | | RE* | |
| | | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) |
| 1 | Crop Husbandry | 3361 | 2597 | 3726 | 3329 | 4240 | 3938 | 5624 | 5225 | 6196 | 4012 | 4657 | 4921 | 5902 | 5840 | | |
| 2 | Horticulture | 0 | 59 | 0 | 82 | 118 | 185 | 189 | 196 | 335 | NA | NA | NA | NA | NA | | |
| 3 | Soil & Water Conservation | 1315 | 544 | 893 | 650 | 976 | 884 | 941 | 839 | 1072 | 21 | 21 | 21 | 11 | 11 | 13 | |
| 4 | Animal Husbandry | 506 | 371 | 545 | 457 | 661 | 643 | 909 | 821 | 1071 | 440 | 540 | 467 | 620 | 601 | | |
| 5 | Dairy Development | 87 | 105 | 93 | 73 | 116 | 110 | 154 | 155 | 187 | 67 | 80 | 101 | 89 | 89 | | |
| 6 | Fisheries | 314 | 269 | 297 | 241 | 375 | 350 | 473 | 417 | 660 | 175 | 284 | 171 | 291 | 209 | | |
| 7 | Forestry & Wild Life | 2032 | 1520 | 2070 | 1831 | 2048 | 1779 | 2296 | 2536 | 2769 | 511 | 627 | 694 | 751 | 776 | | |
| 8 | Plantation | 177 | 211 | 245 | 172 | 301 | 276 | 345 | 296 | 378 | 310 | 274 | 262 | 313 | 316 | | |
| 9 | Food Storage & Warehousing | 186 | 218 | 186 | 89 | 126 | 138 | 233 | 233 | 332 | 234 | 333 | 269 | 225 | 223 | | |
| 10 | Agriculture, Research & Edn. | 1026 | 939 | 1020 | 1018 | 1257 | 1163 | 1434 | 1374 | 1768 | 1287 | 1458 | 1291 | 1584 | 1584 | | |
| 11 | Agricultural Financial Inst. | 57 | 82 | 50 | 60 | 82 | 33 | 66 | 60 | 124 | 5 | NA | NA | NA | NA | | |
| 12 | Cooperation | 703 | 443 | 583 | 453 | 494 | 1016 | 618 | 805 | 829 | 162 | 124 | 142 | 137 | 137 | | |
| 13 | Other Agricultural Programmes | 214 | 297 | 232 | 321 | 315 | 447 | 557 | 481 | 442 | 168 | 160 | 205 | 152 | 181 | | |
| | Total | 9978 | 7655 | 9940 | 8776 | 11109 | 10962 | 13840 | 13438 | 16163 | 7392 | 8558 | 8544 | 10075 | 9969 | (Contd.) | |

Table: 3.3 (*Contd.*)

| S. No. | Sector | 2009-10 (###) | | 2010-11(###) | | 2011-12(###) | | 2012-13(###) | | 2013-14(###) | | 2014-15(###) | | 2015-16(###) | |
|--------------|-------------------------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----|
| | | BE | AE | BE | AE | BE | AE | BE | AE | BE | AE | BE | RE | BE | BE |
| (1) | (2) | (17) | (18) | (19) | (20) | (21) | (22) | (23) | (24) | (25) | (26) | (27) | (28) | (29) | |
| 1 | Crop Husbandry | 6165 | 6545 | 7084 | 9813 | 7891 | 8066 | 9034 | 8660 | 9876 | 9185 | 4432 | 3857 | 4339 | |
| 2 | Horticulture | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| 3 | Soil & Water Conservation | 14 | 14 | 16 | 14 | 15 | 15 | 16 | 15 | 19 | 16 | 18 | 17 | 18 | |
| 4 | Animal Husbandry | 627 | 507 | 855 | 715 | 950 | 724 | 1063 | 888 | 975 | 925 | 172 | 151 | 130 | |
| 5 | Dairy Development | 89 | 86 | 76 | 85 | 223 | 196 | 353 | 524 | 525 | 502 | 411 | 365 | 482 | |
| 6 | Fisheries | 411 | 341 | 242 | 291 | 270 | 304 | 299 | 297 | 317 | 316 | 423 | 302 | 411 | |
| 7 | Forestry & Wild Life | 849 | 929 | 796 | 929 | 786 | 914 | 907 | 806 | 1041 | 884 | 379 | 318 | 275 | |
| 8 | Plantation | 305 | 390 | 331 | 474 | 415 | 595 | 446 | 501 | 458 | 468 | 370 | 347 | 360 | |
| 9 | Food Storage & Warehousing | 295 | 235 | 498 | 502 | 644 | 703 | 787 | 764 | 801 | 1222 | 727 | 1169 | 1090 | |
| 10 | Agriculture, Research & Edn. | NA | 1707 | 2070 | 2522 | 2492 | 2573 | 2898 | 2461 | 3113 | 2451 | 3354 | 2211 | 3321 | |
| 11 | Agricultural Financial Inst. | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| 12 | Cooperation | 137 | 113 | 82 | 103 | 222 | 124 | 125 | 104 | 121 | 112 | 125 | 99 | 112 | |
| 13 | Other Agricultural Programmes | 153 | 147 | 258 | 268 | 836 | 1980 | 1764 | 2008 | 1535 | 1707 | 1120 | 1364 | 1120 | |
| Total | | 9045 | 11014 | 12308 | 15716 | 14744 | 16194 | 17692 | 17030 | 18781 | 17788 | 11531 | 10199 | 11657 | |

Source : 1. Plan Documents and Budget Documents. For State Outlays, States Plans Division, Planning Commission.

Notes : Totals may not tally due to rounding off of the figures. BE - Budget Estimates. RE - Revised Estimates

###. For Centre only, as figures for States & UTs are not available in sub head wise.

* As sub-head Actual Expenditure figures are not available before 2009-10, Revised Estimates figures have been taken into account

Table 3.4(a): Budget Estimate, Revised Estimate and Actual Expenditure
 (Department of Agriculture, Cooperation & Farmers Welfare)

| Year | Budget Estimate | Revised Estimate | Actual Expenditure ₹ Crore |
|---------|-----------------|------------------|-------------------------------|
| (1) | (2) | (3) | (4) |
| 1991-92 | 1041.35 | 1016.93 | 957.86 |
| 1992-93 | 1050.00 | 1273.16 | 1214.88 |
| 1993-94 | 1330.00 | 1320.05 | 1183.50 |
| 1994-95 | 1405.00 | 1458.84 | 1279.43 |
| 1995-96 | 1490.00 | 1325.39 | 1246.42 |
| 1996-97 | 1471.25 | 1377.91 | 1378.61 |
| 1997-98 | 1431.00 | 1266.28 | 1222.80 |
| 1998-99 | 1956.00 | 1378.41 | 1358.89 |
| 1999-00 | 1956.00 | 1492.00 | 1471.90 |
| 2000-01 | 1965.00 | 1692.00 | 1666.04 |
| 2001-02 | 1985.00 | 1985.00 | 1792.92 |
| 2002-03 | 2167.00 | 1667.00 | 1676.78 |
| 2003-04 | 2167.00 | 2120.00 | 2050.73 |
| 2004-05 | 2650.00 | 2945.00 | 2657.42 |
| 2005-06 | 4179.32 | 3890.00 | 3798.69 |
| 2006-07 | 4800.00 | 4860.00 | 4860.00 |
| 2007-08 | 5560.00 | 6927.94 | 7058.50 |
| 2008-09 | 10105.67 | 9865.68 | 9530.30 |
| 2009-10 | 11307.07 | 10965.23 | 10870.15 |
| 2010-11 | 15042.00 | 17254.00 | 17052.59 |
| 2011-12 | 17122.87 | 16515.05 | 16354.70 |
| 2012-13 | 20208.00 | 17867.32 | 17730.72 |
| 2013-14 | 21609.00 | 19000.00 | 18721.50 |
| 2014-15 | 22309.00 | 19530.00 | 19192.48 |
| 2015-16 | 16646.35 | 15000.00 | 11407.21* |

Source : Department of Agriculture, Cooperation & Farmers Welfare.

* As on 11.01.2016 (Provisional)

Table 3.4(b): Budget Estimate, Revised Estimate and Actual Expenditure
(Department of Animal Husbandry, Dairying and Fisheries)

| Year | Budget Estimate | Revised Estimate | Actual Expenditure (₹ Crore) |
|---------|-----------------|------------------|---------------------------------|
| (1) | (2) | (3) | (4) |
| 1997-98 | 319.15 | 224.96 | 209.81 |
| 1998-99 | 381.90 | 210.60 | 170.24 |
| 1999-00 | 381.90 | 225.00 | 207.30 |
| 2000-01 | 300.00 | 230.00 | 213.28 |
| 2001-02 | 300.00 | 240.00 | 239.68 |
| 2002-03 | 300.00 | 240.00 | 238.90 |
| 2003-04 | 300.00 | 275.00 | 271.76 |
| 2004-05 | 500.00 | 575.00 | 566.22 |
| 2005-06 | 669.08 | 599.00 | 589.37 |
| 2006-07 | 777.00 | 750.00 | 681.74 |
| 2007-08 | 910.00 | 810.00 | 784.09 |
| 2008-09 | 1000.00 | 940.00 | 865.27 |
| 2009-10 | 1100.00 | 930.00 | 873.38 |
| 2010-11 | 1300.00 | 1257.00 | 1104.68 |
| 2011-12 | 1600.00 | 1356.52 | 1243.12 |
| 2012-13 | 1910.00 | 1800.00 | 1736.71 |
| 2013-14 | 2025.00 | 1800.00 | 1748.66 |
| 2014-15 | 2174.00 | 1800.00 | 1738.12 |
| 2015-16 | 1491.14 | NA | NA |

Source : Department of Animal Husbandry, Dairying and Fisheries

Table 3.4(c): Budget Estimate, Revised Estimate and Actual Expenditure
(Department of Agriculture, Research and Education)

| Year | Budget Estimate | Revised Estimate | Actual Expenditure ₹ Crore |
|---------|-----------------|------------------|-------------------------------|
| (1) | (2) | (3) | (4) |
| 1991-92 | 190.00 | 180.51 | 173.07 |
| 1992-93 | 200.00 | 184.00 | 175.94 |
| 1993-94 | 250.00 | 250.00 | 227.91 |
| 1994-95 | 275.00 | 274.99 | 274.76 |
| 1995-96 | 310.00 | 290.00 | 289.96 |
| 1996-97 | 244.08 | 310.00 | 308.46 |
| 1997-98 | 331.17 | 331.17 | 331.14 |
| 1998-99 | 531.17 | 400.00 | 421.94 |
| 1999-00 | 573.50 | 504.00 | 503.78 |
| 2000-01 | 629.55 | 550.00 | 774.50 |
| 2001-02 | 684.00 | 550.00 | 683.69 |
| 2002-03 | 775.00 | 725.00 | 698.71 |
| 2003-04 | 775.00 | 775.00 | 701.33 |
| 2004-05 | 1000.00 | 900.00 | 881.81 |
| 2005-06 | 1150.00 | 1070.00 | 1069.58 |
| 2006-07 | 1350.00 | 1430.00 | 1428.22 |
| 2007-08 | 1620.00 | 1434.00 | 1402.73 |
| 2008-09 | 1760.00 | 1760.00 | 1768.71 |
| 2009-10 | 1760.00 | 1821.32 | 1821.26 |
| 2010-11 | 2300.00 | 2307.50 | 2529.29 |
| 2011-12 | 2800.00 | 2858.54 | 2831.60 |
| 2012-13 | 3220.00 | 2520.00 | 2519.09 |
| 2013-14 | 3415.00 | 2600.00 | 2599.97 |
| 2014-15 | 3715.00 | 2500.00 | 2456.82 |
| 2015-16 | 3691.00 | NA | NA |

Source : Department of Agriculture, Research and Education

**Table 3.5(a) : Scheme-wise Budget Estimate and Expenditure
(Department of Agriculture, Cooperation & Farmers Welfare)**

| Period | Centrally Sponsored Schemes | Central Sector Schemes | Externally Aided Projects | Additional Central Assistance | Grand Total |
|----------------------------|-----------------------------|------------------------|---------------------------|-------------------------------|-----------------|
| (1) | (2) | (3) | (4) | (5) | (6) |
| IX Plan Outlays | 5533.65 | 3343.17 | 277.00 | | 9153.82 |
| IX Plan Expenditure | 4024.67 | 3357.17 | 130.71 | | 7512.55 |
| X Plan Outlays | 7236.73 | 5694.00 | 264.27 | | 13195.00 |
| X Plan Expenditure | 9066.54 | 5829.95 | 127.17 | | 15043.62 |
| XI Plan Outlays | | | | 66577.00 | |
| 2007-08 | | | | | |
| BE | 1523.20 | 3996.80 | 0.00 | 40.00 | 5560.00 |
| RE | 2090.18 | 3797.76 | 0.00 | 1040.00 | 6927.94 |
| Expenditure | 2041.55 | 3730.06 | 0.00 | 1286.89 | 7058.50 |
| 2008-09 | | | | | |
| BE | 2126.00 | 4774.00 | 0.00 | 3205.67 | 10105.67 |
| RE | 2370.46 | 4563.52 | 0.00 | 2931.70 | 9865.68 |
| Expenditure | 2278.89 | 4325.69 | 0.00 | 2925.72 | 9530.30 |
| 2009-10 | | | | | |
| BE | 2226.00 | 4974.00 | 0.00 | 4107.07 | 11307.07 |
| RE | 2767.47 | 4450.69 | 0.00 | 3747.07 | 10965.23 |
| Expenditure | 2753.44 | 4320.38 | 0.00 | 3796.33 | 10870.15 |
| 2010-11 | | | | | |
| BE | 2623.02 | 5656.98 | 0.00 | 6762.00 | 15042.00 |
| RE | 4776.69 | 5715.20 | 0.11 | 6762.00 | 17254.00 |
| Expenditure | 4559.04 | 5733.56 | 0.06 | 6759.94 | 17052.59 |

(Contd.)

Table: 3.5(a) (*Contd.*)

| Period | Centrally Sponsored Schemes | Central Sector Schemes | Externally Aided Projects | Additional Central Assistance | Grand Total |
|---------------------|-----------------------------|------------------------|---------------------------|-------------------------------|-------------|
| (1) | (2) | (3) | (4) | (5) | (6) |
| 2011-12 | | | | | |
| BE | 2947.05 | 6314.90 | 0.05 | 7860.87 | 17122.87 |
| RE | 2635.75 | 6018.28 | 0.15 | 7860.87 | 16515.05 |
| Expenditure | 2599.62 | 5910.96 | 0.03 | 7844.09 | 16354.70 |
| XI Plan Expenditure | 14232.54 | 24020.64 | 0.09 | 22612.97 | 60866.24 |
| XII Plan Outlays | | | | | 134746.00 |
| 2012-13 | | | | | |
| BE | 7488.00 | 3503.00 | 0.00 | 9217.00 | 20208.00 |
| RE | 6314.42 | 3152.90 | 0.00 | 8400.00 | 17867.32 |
| Expenditure | 6225.01 | 3105.71 | 0.00 | 8400.00 | 17730.72 |
| 2013-14 | | | | | |
| BE | 7365.00 | 4290.00 | 0.00 | 9954.00 | 21609.00 |
| RE | 6982.23 | 4928.77 | 0.00 | 7089.00 | 19000.00 |
| Expenditure | 6870.64 | 4798.36 | 0.00 | 7052.50 | 18721.50 |
| 2014-15 | | | | | |
| BE | 6509.00 | 5846.00 | 0.00 | 9954.00 | 22309.00 |
| RE | 5730.31 | 5355.69 | 0.00 | 8444.00 | 19530.00 |
| Expenditure | 5740.36 | 5008.91 | 0.00 | 8443.21 | 19192.48 |
| 2015-16 | | | | | |
| BE | 6300.50 | 5845.85 | 0.00 | 4500.00 | 16646.35 |
| RE | 5203.20 | 5896.80 | 0.00 | 3900.00 | 15000.00 |
| Expenditure* | 4210.35 | 3679.38 | 0.00 | 3517.48 | 11407.21 |

Source : Department of Agriculture, Cooperation & Farmers Welfare

* As on 11.01.2016 (Provisional)

**Table 3.5(b) : Scheme-wise Budget Estimate and Expenditure
(Department of Animal Husbandry, Dairying and Fisheries)**

| Period | Centrally Sponsored Schemes | Central Sector Schemes | Externally Aided Projects | Grand Total (₹ Crore) |
|----------------------------|-----------------------------|------------------------|---------------------------|--------------------------|
| (1) | (2) | (3) | (4) | (5) |
| IX Plan Outlays | 1738.62 | 598.35 | 8.67 | 2345.64 |
| IX Plan Expenditure | 691.52 | 340.48 | 8.31 | 1040.31 |
| X Plan Outlays | 1721.54 | 837.53 | 10.00 | 2569.07 |
| X Plan Expenditure | 1705.93 | 642.06 | 0.00 | 2347.99 |
| XI Plan Outlays | 3715.80 | 4338.20 | 120.00 | 8174.00 |
| 2007-08 | | | | |
| BE | 313.50 | 506.50 | 90.00 | 910.00 |
| RE | 334.72 | 438.28 | 37.00 | 810.00 |
| Expenditure | 348.10 | 400.65 | 35.34 | 784.09 |
| 2008-09 | | | | |
| BE | 363.00 | 597.00 | 40.00 | 1000.00 |
| RE | 400.41 | 505.39 | 34.20 | 940.00 |
| Expenditure | 403.20 | 455.64 | 6.43 | 865.27 |
| 2009-10 | | | | |
| BE | 574.39 | 464.50 | 61.11 | 1100.00 |
| RE | 493.06 | 407.78 | 29.16 | 930.00 |
| Expenditure | 487.62 | 373.49 | 12.27 | 873.38 |
| 2010-11 | | | | |
| BE | 771.06 | 472.94 | 56.00 | 1300.00 |
| RE | 801.96 | 444.51 | 10.53 | 1257.00 |
| Expenditure | 722.61 | 373.18 | 8.89 | 1104.68 |

(Contd.)

Table: 3.5(b) (*Contd.*)

| Period | Centrally Sponsored Schemes | Central Sector Schemes | Externally Aided Projects | Grand Total |
|----------------------------|-----------------------------|------------------------|---------------------------|-----------------|
| (1) | (2) | (3) | (4) | (5) |
| 2011-12 | | | | |
| BE | 972.01 | 872.96 | 819.55 | 0.00 |
| RE | 555.79 | 476.84 | 423.56 | 1456.19 |
| Expenditure | 72.20 | 6.72 | 0.00 | 78.92 |
| XI Plan Expenditure | 2033.73 | 1609.68 | 62.93 | 3706.34 |
| XII Plan Outlays | 7334.00 | 6745.00 | 0.00 | 14179.00 |
| 2012-13 | | | | |
| BE | 1008.43 | 829.37 | 72.20 | 1910.00 |
| RE | 839.48 | 960.48 | 0.04 | 1800.00 |
| Expenditure | 822.68 | 914.18 | 0.02 | 1736.88 |
| 2013-14 | | | | |
| BE | 1032.98 | 972.02 | 0.00 | 2025.00 |
| RE | 962.25 | 837.75 | 0.00 | 1800.00 |
| Expenditure | 926.11 | 823.47 | 0.00 | 1749.58 |
| 2014-15 | | | | |
| BE | 1040.99 | 1133.01 | 0.00 | 2174.00 |
| RE | 898.65 | 901.35 | 0.00 | 1800.00 |
| Expenditure* | 907.04 | 824.13 | 0.00 | 1731.17 |
| 2015-16 | | | | |
| BE | 358.00 | 1133.14 | 0.00 | 1491.14 |
| RE | NA | NA | 0.00 | 0.00 |
| Expenditure* | NA | NA | 0.00 | 0.00 |

Source : Department of Animal Husbandry, Dairying and Fisheries

* Provisional as on 29.09.2015

Table 3.6(a) Gross Capital Formation in Agriculture & Allied Sector (at current prices, 2004-05 series)

| Year (1) | GCF in Agriculture & Allied sector | | | GCF of Economy (by industry of use) | | | Share of Agriculture & Allied sector (₹ Crore) (10) | | | | | |
|-------------|------------------------------------|--------|--------------------|-------------------------------------|---------------|---------|---|--------------|---------------|--|--------------------|-----|
| | Public Sector | | Pvt. Sector (2) | Total (3) | Public Sector | | Pvt. Sector (5) | Total (6) | Public Sector | | Pvt. Sector (8) | (9) |
| | | | | | | | | | | | | |
| 2004-05 | 16187 | 59909 | 76096 | 240580 | 770598 | 1011178 | 6.7 | 7.8 | 7.5 | | | |
| 2005-06 | 20739 | 69204 | 89943 | 293350 | 931331 | 1224681 | 7.1 | 7.4 | 7.3 | | | |
| 2006-07 | 25606 | 75496 | 101102 | 356556 | 1134319 | 1490875 | 7.2 | 6.7 | 6.8 | | | |
| 2007-08 | 27638 | 95679 | 123317 | 441923 | 1401285 | 1843208 | 6.3 | 6.8 | 6.7 | | | |
| 2008-09 | 26692 | 133655 | 160347 | 531730 | 1396160 | 1927890 | 5.0 | 9.6 | 8.3 | | | |
| 2009-10 | 33201 | 151325 | 184526 | 592788 | 1642155 | 2234943 | 5.6 | 9.2 | 8.3 | | | |
| 2010-11 | 31968 | 165396 | 197364 | 656448 | 2024131 | 2680579 | 4.9 | 8.2 | 7.4 | | | |

Source : Central Statistics Office (CSO)

Table 3.6(b) Gross Capital Formation in Agriculture & Allied Sector (at current prices, 2011-12 series)

| Year (1) | GCF in Agriculture & Allied sector | | | GCF of Economy (by industry of use) | | | Share of Agriculture & Allied sector | | | (₹ Crore) (10) | |
|-------------|------------------------------------|--------------------|--------------|--|--------------|--------------------|---|--------------|--------------------|-------------------|--|
| | Public Sector (2) | Pvt. Sector (3) | Total (4) | Public Sector | | | Pvt. Sector (7) | Total (8) | Pvt. Sector (9) | | |
| | | | | Pvt. Sector (5) | Total (6) | Pvt. Sector (7) | | | | | |
| 2011-12 | 36712 | 238607 | 275319 | 674395 | 2511406 | 3185801 | 5.4 | 9.5 | 9.5 | 8.6 | |
| 2012-13 | 40425 | 218444 | 258869 | 719426 | 2630658 | 3350084 | 5.6 | 8.3 | 8.3 | 7.7 | |
| 2013-14 | 48963 | 229760 | 278723 | 902047 | 2642036 | 3544083 | 5.4 | 8.7 | 8.7 | 7.9 | |

Source: Central Statistics Office (CSO)

Table 3.6(c) Gross Capital Formation in Agriculture & Allied Sector (at constant 2004-05 prices)

| Year (1) | GCF in Agriculture & Allied sector | | | | GCF of Economy (by industry of use) | | | Share of Agriculture & Allied sector in total GCF(%) | | |
|-------------|---------------------------------------|--------|-------------|--------------|--|---------|--------------------|---|---------------|-----|
| | Public Sector | | Pvt. Sector | Total (4) | Public Sector | | Pvt. Sector (5) | Total (7) | Public Sector | |
| | (2) | (3) | | | | | | | (8) | (9) |
| 2004-05 | 16187 | 59909 | 76096 | 240580 | 770598 | 1011178 | 6.7 | 7.8 | 7.8 | 7.5 |
| 2005-06 | 19940 | 66664 | 86604 | 281995 | 901308 | 1183303 | 7.1 | 7.4 | 7.4 | 7.3 |
| 2006-07 | 22987 | 69070 | 92057 | 324020 | 1040801 | 1364821 | 7.1 | 6.6 | 6.6 | 6.7 |
| 2007-08 | 23257 | 82484 | 105741 | 382431 | 1223744 | 1606175 | 6.1 | 6.7 | 6.7 | 6.6 |
| 2008-09 | 20572 | 106555 | 127127 | 429285 | 1136948 | 1566233 | 4.8 | 9.4 | 9.4 | 8.1 |
| 2009-10 | 22693 | 110469 | 133162 | 449686 | 1287840 | 1737526 | 5.0 | 8.6 | 8.6 | 7.7 |
| 2010-11 | 19854 | 112880 | 132734 | 467224 | 1509522 | 1976746 | 4.2 | 7.5 | 7.5 | 6.7 |

Source: Central Statistics Office (CSO)

Table 3.6(d) Gross Capital Formation in Agriculture & Allied Sector (at constant 2011-12 prices)

| Year (1) | GCF in Agriculture & Allied sector | | | GCF of Economy (by industry of use) | | | Share of Agriculture & Allied sector in total GCF(%) | | | (₹ Crore) (10) | |
|-------------|------------------------------------|--------------------|--------------|--|--------------------|--------------|--|--------------------|-----|-------------------|--|
| | Public Sector (2) | Pvt. Sector (3) | Total (4) | Public Sector (5) | Pvt. Sector (6) | Total (7) | Public Sector (8) | Pvt. Sector (9) | | | |
| | | | | | | | | Total | | | |
| 2011-12 | 36712 | 238607 | 275319 | 674395 | 2511406 | 3185801 | 5.4 | 9.5 | 8.6 | | |
| 2012-13 | 36863 | 202915 | 239778 | 677427 | 2486560 | 3163987 | 5.4 | 8.2 | 7.6 | | |
| 2013-14 | 40190 | 198786 | 238976 | 809859 | 2398588 | 3208447 | 5.0 | 8.3 | 7.4 | | |

Source : Central Statistics Office(CSO)

Table 3.7(a) Public and Private Investment in Agriculture and Allied Sectors in Total GDP at Market Prices (2004-05 prices)

| Year (1) | Public Investment (2) | Private Investment (3) | Total (4) | GDP at market price (5) | Share (%) in Total (₹ Crore) | | |
|-------------|--------------------------|---------------------------|--------------|-------------------------------|---------------------------------|----------------|--------------|
| | | | | | Public (6) | Private (7) | Total (8) |
| 2004-05 | 16187 | 59909 | 76096 | 3242209 | 0.5 | 1.8 | 2.3 |
| 2005-06 | 19940 | 66664 | 86604 | 3543244 | 0.6 | 1.9 | 2.4 |
| 2006-07 | 22987 | 69070 | 92057 | 3871489 | 0.6 | 1.8 | 2.4 |
| 2007-08 | 23257 | 82884 | 105741 | 4250947 | 0.5 | 1.9 | 2.5 |
| 2008-09 | 20572 | 106555 | 127127 | 4416350 | 0.5 | 2.4 | 2.9 |
| 2009-10 | 22693 | 110469 | 133162 | 4790847 | 0.5 | 2.3 | 2.8 |
| 2010-11 | 19854 | 112880 | 132734 | 5282386 | 0.4 | 2.1 | 2.5 |

Source : Central Statistics Office (CSO)

Table 3.7(b) Public and Private Investment in Agriculture and Allied Sectors in Total GDP at Market Prices (2011-12 prices)

| Year (1) | Public Investment (2) | Private Investment (3) | Total (4) | GDP at market price (5) | Share (%) in Total (₹ Crore) | | |
|-------------|--------------------------|---------------------------|--------------|----------------------------|---------------------------------|----------------|--------------|
| | | | | | Public (6) | Private (7) | Total (8) |
| 2011-12 | 36712 | 238607 | 275319 | 8832012 | 0.4 | 2.7 | 3.1 |
| 2012-13 | 36863 | 202915 | 239778 | 9988540 | 0.4 | 2.0 | 2.4 |
| 2013-14 | 40190 | 198786 | 238976 | 11345056 | 0.4 | 1.8 | 2.1 |

Source : Central Statistics Office (CSO)

Table 3.8(a) Share (%) of Gross Capital Formation (GCF) to Gross Domestic Product (GDP) in Agriculture & Allied Sectors

| Year (1) | At 2004-05 Prices | | | At Current Prices | | |
|-------------|-------------------|----------------|--------------|-------------------|----------------|--------------|
| | Public (2) | Private (3) | Total (4) | Public (5) | Private (6) | Total (7) |
| 2004-05 | 2.9 | 10.6 | 13.5 | 2.9 | 10.6 | 13.5 |
| 2005-06 | 3.4 | 11.2 | 14.6 | 3.3 | 10.9 | 14.1 |
| 2006-07 | 3.7 | 11.2 | 14.9 | 3.5 | 10.4 | 14.0 |
| 2007-08 | 3.5 | 12.6 | 16.1 | 3.3 | 11.4 | 14.7 |
| 2008-09 | 3.1 | 16.3 | 19.4 | 2.8 | 14.2 | 17.0 |
| 2009-10 | 3.4 | 16.7 | 20.1 | 3.1 | 14.0 | 17.0 |
| 2010-11 | 2.8 | 15.7 | 18.5 | 2.4 | 12.5 | 15.0 |

Source : Central Statistics Office (CSO)

Table 3.8(b) Share (%) of Gross Capital Formation (GCF) to Gross Value Added (GVA) in Agriculture & Allied Sectors

| Year (1) | At 2011-12 Prices | | | At Current Prices | | |
|-------------|-------------------|----------------|--------------|-------------------|----------------|--------------|
| | Public (2) | Private (3) | Total (4) | Public (5) | Private (6) | Total (7) |
| 2011-12 | 2.4 | 15.9 | 18.3 | 2.4 | 15.9 | 18.3 |
| 2012-13 | 2.4 | 13.3 | 15.7 | 2.4 | 13.1 | 15.5 |
| 2013-14 | 2.5 | 12.6 | 15.1 | 2.6 | 12.2 | 14.8 |

Source: Central Statistics Office (CSO)

4 (A)

Area, Production and Yield of Principal Crops

**4(A) Area, Production and Yield of
Principal Crops in Major Producing States**

Table 4.1(a), Target and Achievement of Production of Major Crops during Tenth Five Year Plan

| Crop | 2002-03 | | | 2003-04 | | | 2004-05 | | | 2005-06 | | | 2006-07 | | | (Million Tonnes) | |
|----------------|---------|-------------|--------|-------------|--------|-------------|---------|-------------|--------|-------------|---------|-------------|---------|-------------|--------|------------------|--|
| | Target | Achievement | Target | Achievement | Target | Achievement | Target | Achievement | Target | Achievement | Target | Achievement | Target | Achievement | Target | Xth Plan | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | | | | | |
| Rice | 93.00 | 71.82 | 93.00 | 88.53 | 93.50 | 83.13 | 87.80 | 91.79 | 92.80 | 93.35 | 460.10 | 428.62 | | | | | |
| Wheat | 78.00 | 65.76 | 78.00 | 72.15 | 79.50 | 68.64 | 75.53 | 69.35 | 75.53 | 75.81 | 386.56 | 351.71 | | | | | |
| Coarse Cereals | 33.00 | 26.07 | 34.00 | 37.60 | 36.80 | 33.46 | 36.52 | 34.06 | 36.52 | 33.92 | 176.84 | 165.11 | | | | | |
| Pulses | 16.00 | 11.13 | 15.00 | 14.91 | 15.30 | 13.13 | 15.15 | 13.39 | 15.15 | 14.20 | 76.60 | 66.76 | | | | | |
| Foodgrains | 220.00 | 174.77 | 220.00 | 213.19 | 225.10 | 198.36 | 215.00 | 208.60 | 220.00 | 217.28 | 1100.10 | 1012.20 | | | | | |
| Oilsseeds | 27.00 | 14.84 | 24.70 | 25.19 | 26.20 | 24.35 | 26.58 | 27.98 | 29.40 | 24.29 | 133.88 | 116.65 | | | | | |
| Sugarcane | 320.00 | 287.38 | 320.00 | 233.86 | 270.00 | 237.09 | 237.50 | 281.17 | 270.00 | 355.52 | 1417.50 | 1395.02 | | | | | |
| Cotton # | 15.00 | 8.62 | 15.00 | 13.73 | 15.00 | 16.43 | 16.50 | 18.50 | 18.50 | 22.63 | 80.00 | 79.91 | | | | | |
| Jute & Mesta@ | 12.00 | 11.28 | 12.00 | 11.17 | 11.80 | 10.27 | 11.28 | 10.84 | 11.28 | 11.27 | 58.36 | 54.83 | | | | | |

Source: Directorate of Economics & Statistics, DAC&FW

Million Bales of 170 kg. each.

@ Million Bales of 180 kg. each.

Table 4.1(b): Target and Achievement of Production of Major Crops during Eleventh and Twelfth Five Year Plans

| Crop | 2007-08 | | 2008-09 | | 2009-10 | | 2010-11 | | 2011-12 | | XIIth Plan | | 2012-13 | | 2013-14 | | (Million Tonnes) | |
|----------------|---------|--------------|---------|-------------|---------|-------------|---------|-------------|---------|-------------|------------|-------------|---------|-------------|---------|-------------|------------------|-------------|
| | Target | Achievement* | Target | Achievement | Target | Achievement | Target | Achievement | Target | Achievement | Target | Achievement | Target | Achievement | Target | Achievement | Target | Achievement |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) | (17) | (18) | (19) |
| Rice | 93.00 | 96.69 | 97.00 | 99.18 | 100.50 | 89.09 | 102.00 | 95.98 | 102.00 | 105.30 | 494.50 | 486.24 | 104.00 | 105.24 | 105.00 | 106.65 | 106.00 | 104.80 |
| Wheat | 75.50 | 78.57 | 78.50 | 80.68 | 79.00 | 80.80 | 82.00 | 86.87 | 84.00 | 94.88 | 399.00 | 421.80 | 88.00 | 93.51 | 92.50 | 95.85 | 94.00 | 88.94 |
| Coarse Cereals | 37.50 | 40.76 | 42.00 | 40.03 | 43.10 | 33.55 | 44.00 | 43.68 | 42.00 | 42.01 | 208.60 | 200.03 | 44.00 | 40.04 | 42.50 | 43.29 | 41.50 | 41.75 |
| Pulses | 15.50 | 14.76 | 15.50 | 14.57 | 16.50 | 14.66 | 16.50 | 18.24 | 17.00 | 17.09 | 81.00 | 79.32 | 18.24 | 18.34 | 19.00 | 19.25 | 19.50 | 17.20 |
| Foodgrains | 221.50 | 230.78 | 233.00 | 234.47 | 239.10 | 218.11 | 244.50 | 244.78 | 245.00 | 259.29 | 1183.10 | 1187.43 | 254.24 | 257.13 | 259.00 | 265.04 | 261.00 | 252.68 |
| Oilseeds | 30.00 | 29.76 | 31.75 | 27.72 | 31.60 | 24.88 | 33.20 | 32.48 | 33.60 | 30.01 | 160.15 | 144.85 | 33.50 | 30.94 | 31.00 | 32.75 | 33.00 | 26.68 |
| Sugarcane | 310.00 | 348.19 | 340.00 | 285.03 | 340.00 | 292.30 | 315.00 | 342.38 | 350.00 | 361.04 | 1655.00 | 1628.94 | 352.00 | 341.20 | 340.00 | 352.14 | 345.00 | 359.33 |
| Cotton # | 22.00 | 25.88 | 26.00 | 22.28 | 26.00 | 24.02 | 26.00 | 33.00 | 34.00 | 35.20 | 134.00 | 140.38 | 35.00 | 34.22 | 35.00 | 35.90 | 35.00 | 35.48 |
| Jute & Mesta@ | 11.00 | 11.21 | 11.00 | 10.37 | 11.20 | 11.82 | 11.50 | 10.62 | 12.30 | 11.40 | 57.00 | 55.42 | 12.00 | 10.93 | 12.00 | 11.69 | 11.20 | 11.45 |

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

Million Bales of 170 kg. each.

@ Million Bales of 180 kg. each.

Table 4.2: Three Largest Producing States of Important Crops during 2014-15*

| Production : Million Tonnes | | | |
|-----------------------------|-----------------------------|--|--|
| Group of Crops | Crops | States | Production |
| (1) | (2) | (3) | (4) |
| I. Foodgrains | Rice | West Bengal Uttar Pradesh Andhra Pradesh All - India | 14.71 12.22 11.57 104.80 |
| | Wheat | Uttar Pradesh Punjab Madhya Pradesh All - India | 25.22 15.78 14.18 88.94 |
| | Maize | Andhra Pradesh Karnataka Maharashtra All - India | 4.24 3.91 2.20 23.67 |
| | Total Coarse Cereals | Karnataka Rajasthan Maharashtra All - India | 7.57 6.68 4.72 41.75 |
| | Total Pulses | Madhya Pradesh Maharashtra Rajasthan All - India | 4.70 1.95 1.74 17.19 |
| | Total Foodgrains | Uttar Pradesh Punjab Madhya Pradesh All - India | 42.47 27.46 25.49 252.68 |
| II .Oilseeds | Groundnut | Gujarat Andhra Pradesh Tamil Nadu All - India | 2.22 1.02 0.90 6.56 |
| | Rapeseed & Mustard | Rajasthan Madhya Pradesh Haryana All - India | 2.90 0.72 0.70 6.31 |
| | Soyabean | Madhya Pradesh Maharashtra Rajasthan All - India | 6.35 2.49 0.96 10.53 |

(Contd.)

Table 4.2 (*Contd.*)

| Group of Crops | Crops | States | Production |
|------------------------------|----------------|--|---|
| (1) | (2) | (3) | (4) |
| | Sunflower | Karnataka Andhra Pradesh Maharashtra All - India | 0.21 0.06 0.03 0.42 |
| | Total Oilseeds | Gujarat Madhya Pradesh Rajasthan All - India | 7.72 5.32 3.98 26.67 |
| III. Other Cash Crops | Sugarcane | Uttar Pradesh Maharashtra Karnataka All - India | 138.48 81.87 41.90 359.33 |
| | Cotton @ | Gujarat Maharashtra Andhra Pradesh All - India | 11.09 7.02 6.64 35.48 |
| | Jute & Mesta\$ | West Bengal Bihar Assam All - India | 8.92 1.50 0.80 11.45 |

Source: Directorate of Economics & Statistics, DAC&FW

@ : Production in million bales of 170 kg. each.

* 4th Advance Estimates.

\$: Production in million bales of 180 kg. each.

Table 4.3 : Normal Estimates (Average of 2009-10 to 2013-14) of Area, Production and Yield of Major Crops in India

| Group of Crops (1) | Crops (2) | Season (3) | Area (4) | Production (5) | Area - Million Hectares | |
|-----------------------|----------------------|---------------|--------------|-------------------|-----------------------------|----------------------------|
| | | | | | Production - Million Tonnes | Yield - Kg./Hectare (6) |
| I. Food grains | Rice | Kharif | 38.83 | 86.65 | 2231 | |
| | | Rabi | 4.30 | 13.79 | 3206 | |
| | | Total | 43.13 | 100.45 | 2329 | |
| | Wheat | Rabi | 29.57 | 90.38 | 3056 | |
| | | Kharif | 2.73 | 2.95 | 1080 | |
| | | Total | 32.30 | 93.33 | 3136 | |
| | Jowar | Rabi | 3.96 | 3.16 | 797 | |
| | | Total | 6.68 | 6.10 | 913 | |
| | | | | | | |
| | Bajra | Kharif | 8.48 | 9.03 | 1065 | |
| | | Rabi | 7.25 | 15.75 | 2173 | |
| | | Total | 15.73 | 24.76 | 2463 | |
| | Maize | Kharif | 1.42 | 5.59 | 3946 | |
| | | Total | 8.67 | 21.34 | 2463 | |
| | | | | | | |
| | Total Coarse Cereals | Kharif | 20.44 | 30.07 | 1471 | |
| | | Rabi | 6.04 | 10.39 | 1719 | |
| | | Total | 26.48 | 40.46 | 1528 | |
| | Tur | Kharif | 3.93 | 2.84 | 722 | |
| | | Rabi | 8.82 | 8.35 | 947 | |
| | | Total | 12.75 | 17.19 | 1671 | |
| | Gram | Kharif | 10.87 | 5.86 | 539 | |
| | | Rabi | 13.65 | 11.66 | 854 | |
| | | Total | 24.52 | 17.52 | 714 | |
| | | | | | | (Contd.) |

Table 4.3 (*Contd.*)

| Group of Crops | Crops | Season | Area | Production | Yield |
|-------------------------------|----------------------|--------------|--------------|--------------|-------------|
| (1) | (2) | (3) | (4) | (5) | (6) |
| | Total Foodgrains | Kharif | 70.15 | 122.58 | 1747 |
| | | Rabi | 53.57 | 126.23 | 2356 |
| | | Total | 123.72 | 248.81 | 2011 |
| II . Oilseeds | | | | | |
| | Groundnut | Total | 5.36 | 7.01 | 1307 |
| | Rapeseed & Mustard | Rabi | 6.28 | 7.46 | 1188 |
| | Soyabean | Kharif | 10.40 | 12.29 | 1182 |
| | Sunflower | Total | 0.93 | 0.61 | 661 |
| | Nine Oilseeds | Total | 26.81 | 30.17 | 1126 |
| III . Other Cash Crops | | | | | |
| | Sugarcane | Total | 4.82 | 337.81 | 70117 |
| | Cotton @ | Total | 11.50 | 32.47 | 480 |
| | Jute & Mesta\$ | Total | 0.88 | 11.29 | 23.19 |

Source: Directorate of Economics & Statistics, DAC&FW

@ : Production in million bales of 170 kg. each.

\$: Production in million bales of 180 kg. each.

Table 4.4: Season-wise Area, Production and Yield of Foodgrains

A - Area in Million Hectares
 P - Production in Million Tonnes
 Y - Yield in Kg./Hectare.

| Year | Kharif | | | Rabi | | | Total | | |
|---------|--------|-------|-----|-------|-------|------|--------|--------|------|
| | A | P | Y | A | P | Y | A | P | Y |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
| 1966-67 | 78.21 | 48.89 | 625 | 37.09 | 25.34 | 683 | 115.30 | 74.23 | 644 |
| 1967-68 | 81.49 | 60.76 | 746 | 39.93 | 34.29 | 859 | 121.42 | 95.05 | 783 |
| 1968-69 | 80.40 | 59.57 | 741 | 40.03 | 34.44 | 860 | 120.43 | 94.01 | 781 |
| 1969-70 | 82.30 | 62.35 | 758 | 41.27 | 37.15 | 900 | 123.57 | 99.50 | 805 |
| 1970-71 | 82.36 | 68.92 | 837 | 41.96 | 39.50 | 941 | 124.32 | 108.42 | 872 |
| 1971-72 | 79.22 | 62.99 | 795 | 43.40 | 42.18 | 972 | 122.62 | 105.17 | 858 |
| 1972-73 | 78.34 | 58.64 | 749 | 40.94 | 38.39 | 938 | 119.28 | 97.03 | 813 |
| 1973-74 | 84.12 | 67.84 | 806 | 42.42 | 36.83 | 868 | 126.54 | 104.67 | 827 |
| 1974-75 | 79.74 | 59.10 | 741 | 41.34 | 40.73 | 985 | 121.08 | 99.83 | 824 |
| 1975-76 | 83.15 | 73.89 | 889 | 45.03 | 47.14 | 1047 | 128.18 | 121.03 | 944 |
| 1976-77 | 81.18 | 66.53 | 820 | 43.18 | 44.64 | 1034 | 124.36 | 111.17 | 894 |
| 1977-78 | 82.88 | 77.72 | 938 | 44.64 | 48.69 | 1091 | 127.52 | 126.41 | 991 |
| 1978-79 | 82.85 | 78.08 | 942 | 46.16 | 53.82 | 1166 | 129.01 | 131.90 | 1022 |
| 1979-80 | 80.79 | 63.25 | 783 | 44.42 | 46.45 | 1046 | 125.21 | 109.70 | 876 |
| 1980-81 | 83.21 | 77.65 | 933 | 43.46 | 51.94 | 1195 | 126.67 | 129.59 | 1023 |
| 1981-82 | 83.93 | 79.38 | 946 | 45.21 | 53.92 | 1193 | 129.14 | 133.30 | 1032 |
| 1982-83 | 79.08 | 69.90 | 884 | 46.02 | 59.62 | 1296 | 125.10 | 129.52 | 1035 |

(Contd.)

Table 4.4 (*Contd.*)

| Year | Kharif | | | | Rabi | | | | Total | |
|---------|--------|--------|------|-------|--------|------|--------|--------|-------|------|
| | A | P | Y | A | P | Y | (7) | (8) | (9) | (10) |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | |
| 1983-84 | 84.14 | 89.23 | 1060 | 47.02 | 63.14 | 1343 | 131.16 | 152.37 | 1162 | |
| 1984-85 | 81.18 | 84.52 | 1041 | 45.49 | 61.02 | 1341 | 126.67 | 145.54 | 1149 | |
| 1985-86 | 81.80 | 85.25 | 1042 | 46.22 | 65.19 | 1410 | 128.02 | 150.44 | 1175 | |
| 1986-87 | 81.46 | 80.20 | 985 | 45.74 | 63.22 | 1382 | 127.20 | 143.42 | 1128 | |
| 1987-88 | 74.89 | 74.56 | 996 | 44.80 | 65.79 | 1469 | 119.69 | 140.35 | 1173 | |
| 1988-89 | 82.03 | 95.64 | 1166 | 45.64 | 74.28 | 1628 | 127.67 | 169.92 | 1331 | |
| 1989-90 | 81.40 | 100.99 | 1241 | 45.37 | 70.05 | 1544 | 126.77 | 171.04 | 1349 | |
| 1990-91 | 80.78 | 99.44 | 1231 | 47.06 | 76.95 | 1635 | 127.84 | 176.39 | 1380 | |
| 1991-92 | 78.02 | 91.59 | 1174 | 43.85 | 76.79 | 1751 | 121.87 | 168.38 | 1382 | |
| 1992-93 | 77.92 | 101.47 | 1302 | 45.23 | 78.01 | 1725 | 123.15 | 179.48 | 1457 | |
| 1993-94 | 75.81 | 100.40 | 1324 | 46.94 | 83.86 | 1787 | 122.75 | 184.26 | 1501 | |
| 1994-95 | 75.19 | 101.09 | 1344 | 48.67 | 90.41 | 1858 | 123.86 | 191.50 | 1546 | |
| 1995-96 | 73.60 | 95.12 | 1292 | 47.42 | 85.30 | 1799 | 121.02 | 180.42 | 1491 | |
| 1996-97 | 75.34 | 103.82 | 1379 | 48.24 | 95.52 | 1980 | 123.58 | 199.34 | 1613 | |
| 1997-98 | 74.37 | 101.58 | 1370 | 49.70 | 90.68 | 1825 | 124.07 | 192.26 | 1550 | |
| 1998-99 | 73.99 | 102.91 | 1391 | 51.18 | 100.69 | 1967 | 125.17 | 203.60 | 1627 | |
| 1999-00 | 73.24 | 105.51 | 1441 | 49.87 | 104.29 | 2091 | 123.11 | 209.80 | 1704 | |
| 2000-01 | 75.22 | 102.09 | 1357 | 45.83 | 94.73 | 2067 | 121.05 | 196.81 | 1626 | |
| 2001-02 | 74.23 | 112.07 | 1510 | 48.55 | 100.78 | 2076 | 122.78 | 212.85 | 1734 | |

Table 4.4 (*Contd.*)

| Year | Kharif | | | Rabi | | | Total | | |
|----------|--------|--------|------|-------|--------|------|--------|--------|------|
| | A | P | Y | A | P | Y | A | P | Y |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
| 2002-03 | 68.56 | 87.22 | 1272 | 45.30 | 87.55 | 1933 | 113.86 | 174.77 | 1535 |
| 2003-04 | 75.44 | 117.00 | 1551 | 48.01 | 96.19 | 2004 | 123.45 | 213.19 | 1727 |
| 2004-05 | 72.26 | 103.31 | 1430 | 47.82 | 95.05 | 2004 | 120.08 | 198.36 | 1652 |
| 2005-06 | 72.72 | 109.87 | 1511 | 48.88 | 98.73 | 2020 | 121.60 | 208.60 | 1715 |
| 2006-07 | 72.67 | 110.58 | 1522 | 51.04 | 106.71 | 2091 | 123.71 | 217.28 | 1756 |
| 2007-08 | 73.58 | 121.00 | 1644 | 50.49 | 109.77 | 2174 | 124.07 | 230.78 | 1860 |
| 2008-09 | 71.45 | 118.18 | 1654 | 51.39 | 116.28 | 2263 | 122.85 | 234.47 | 1909 |
| 2009-10 | 69.51 | 104.00 | 1496 | 51.83 | 114.11 | 2202 | 121.34 | 218.11 | 1798 |
| 2010-11 | 72.42 | 120.90 | 1669 | 54.25 | 123.60 | 2278 | 126.67 | 244.50 | 1930 |
| 2011-12 | 72.08 | 131.27 | 1821 | 52.67 | 128.01 | 2430 | 124.75 | 259.29 | 2078 |
| 2012-13 | 67.69 | 128.07 | 1892 | 53.09 | 129.06 | 2431 | 120.78 | 257.13 | 2129 |
| 2013-14 | 69.05 | 128.69 | 1864 | 55.99 | 136.35 | 2435 | 125.04 | 265.04 | 2120 |
| 2014-15* | 67.77 | 126.31 | 1864 | 54.31 | 126.37 | 2327 | 122.07 | 252.68 | 2070 |

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

Table 4.5(a): Foodgrains: All-India Area, Production and Yield alongwith coverage under Irrigation

| Year | Area | Production | Yield | Area - Million Hectares |
|---------|--------|------------|-------|-----------------------------|
| | | | | Production - Million Tonnes |
| (1) | (2) | (3) | (4) | Yield - Kg./Hectare |
| 1950-51 | 97.32 | 50.82 | 522 | 18.1 |
| 1951-52 | 96.96 | 51.99 | 536 | 18.4 |
| 1952-53 | 102.09 | 59.20 | 580 | 18.1 |
| 1953-54 | 109.07 | 69.82 | 640 | 18.1 |
| 1954-55 | 107.86 | 68.03 | 631 | 18.4 |
| 1955-56 | 110.56 | 66.85 | 605 | 18.5 |
| 1956-57 | 111.14 | 69.86 | 629 | 18.2 |
| 1957-58 | 109.48 | 64.31 | 587 | 19.3 |
| 1958-59 | 114.76 | 77.14 | 672 | 18.7 |
| 1959-60 | 115.82 | 76.67 | 662 | 18.8 |
| 1960-61 | 115.58 | 82.02 | 710 | 19.1 |
| 1961-62 | 117.23 | 82.71 | 706 | 19.1 |
| 1962-63 | 117.84 | 80.15 | 680 | 19.8 |
| 1963-64 | 117.42 | 80.64 | 687 | 19.8 |
| 1964-65 | 118.11 | 89.36 | 757 | 20.2 |
| 1965-66 | 115.10 | 72.35 | 629 | 20.9 |
| 1966-67 | 115.30 | 74.23 | 644 | 22.2 |
| 1967-68 | 121.42 | 95.05 | 783 | 21.6 |
| 1968-69 | 120.43 | 94.01 | 781 | 23.6 |
| 1969-70 | 123.57 | 99.50 | 805 | 23.7 |
| 1970-71 | 124.32 | 108.42 | 872 | 24.1 |
| 1971-72 | 122.62 | 105.17 | 858 | 24.5 |
| 1972-73 | 119.28 | 97.03 | 813 | 25.4 |
| 1973-74 | 126.54 | 104.67 | 827 | 24.5 |
| 1974-75 | 121.08 | 99.83 | 824 | 26.5 |
| 1975-76 | 128.18 | 121.03 | 944 | 26.5 |
| 1976-77 | 124.36 | 111.17 | 894 | 27.4 |
| 1977-78 | 127.52 | 126.41 | 991 | 27.7 |
| 1978-79 | 129.01 | 131.90 | 1022 | 28.8 |
| 1979-80 | 125.21 | 109.70 | 876 | 30.3 |
| 1980-81 | 126.67 | 129.59 | 1023 | 29.7 |
| 1981-82 | 129.14 | 133.30 | 1032 | 29.6 |
| 1982-83 | 125.10 | 129.52 | 1035 | 30.8 |
| 1983-84 | 131.16 | 152.37 | 1162 | 30.9 |

(Contd.)

Table 4.5(a) (*Contd.*)

| Year | Area | Production | Yield | Area Under Irrigation(%) |
|----------|--------|------------|-------|--------------------------|
| (1) | (2) | (3) | (4) | (5) |
| 1984-85 | 126.67 | 145.54 | 1149 | 31.9 |
| 1985-86 | 128.02 | 150.44 | 1175 | 31.4 |
| 1986-87 | 127.20 | 143.42 | 1128 | 32.6 |
| 1987-88 | 119.69 | 140.35 | 1173 | 33.5 |
| 1988-89 | 127.67 | 169.92 | 1331 | 34.4 |
| 1989-90 | 126.77 | 171.04 | 1349 | 35.0 |
| 1990-91 | 127.84 | 176.39 | 1380 | 35.1 |
| 1991-92 | 121.87 | 168.38 | 1382 | 37.4 |
| 1992-93 | 123.15 | 179.48 | 1457 | 37.4 |
| 1993-94 | 122.75 | 184.26 | 1501 | 38.7 |
| 1994-95 | 123.86 | 191.50 | 1546 | 39.6 |
| 1995-96 | 121.01 | 180.42 | 1491 | 40.1 |
| 1996-97 | 123.58 | 199.34 | 1614 | 40.0 |
| 1997-98 | 124.07 | 192.26 | 1552 | 40.8 |
| 1998-99 | 125.17 | 203.61 | 1627 | 42.4 |
| 1999-00 | 123.10 | 209.80 | 1704 | 43.9 |
| 2000-01 | 121.05 | 196.81 | 1626 | 43.4 |
| 2001-02 | 122.78 | 212.85 | 1734 | 43.0 |
| 2002-03 | 113.86 | 174.77 | 1535 | 42.8 |
| 2003-04 | 123.45 | 213.19 | 1727 | 42.2 |
| 2004-05 | 120.08 | 198.36 | 1652 | 44.2 |
| 2005-06 | 121.60 | 208.60 | 1715 | 45.5 |
| 2006-07 | 123.71 | 217.28 | 1756 | 46.3 |
| 2007-08 | 124.07 | 230.78 | 1860 | 46.8 |
| 2008-09 | 122.83 | 234.47 | 1909 | 48.3 |
| 2009-10 | 121.33 | 218.11 | 1798 | 47.8 |
| 2010-11 | 126.67 | 244.49 | 1930 | 47.8 |
| 2011-12 | 124.75 | 259.29 | 2078 | 49.8 |
| 2012-13 | 120.78 | 257.13 | 2129 | 51.2 |
| 2013-14 | 125.04 | 265.04 | 2120 | - |
| 2014-15* | 122.07 | 252.68 | 2070 | - |

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

Table 4.5 (b): Foodgrains: Area, Production and Yield during 2013-14 and 2014-15-14 in major Producing States alongwith coverage under Irrigation

| State | Area (2) | 2014-15# | | | | | | 2013-14 | | | | | |
|----------------|-------------|----------------------------|-------|---------------------------|------|----------------------|-------|----------------------------|-------|---------------------------|-------|----------------------------|--|
| | | Area All - India (3) | | % to Production (4) | | % to Yield (5) | | Area All - India (6) | | % to Production (7) | | Area All - India (8) | |
| | | Area All - India (2) | | % to Production (3) | | % to Yield (4) | | Area All - India (6) | | % to Production (7) | | Area All - India (8) | |
| Uttar Pradesh | 20.06 | 16.43 | 42.47 | 16.81 | 2117 | 20.14 | 16.11 | 50.03 | 18.87 | 2484 | 18.87 | 77.5 | |
| Punjab | 6.63 | 5.43 | 27.46 | 10.87 | 4144 | 6.55 | 5.24 | 29.48 | 11.12 | 4501 | 11.12 | 98.7 | |
| Madhya Pradesh | 14.83 | 12.15 | 25.49 | 10.09 | 1719 | 14.33 | 11.46 | 22.98 | 8.67 | 1603 | 8.67 | 54.1 | |
| Rajasthan | 12.87 | 10.54 | 19.75 | 7.82 | 1535 | 13.42 | 10.73 | 17.90 | 6.75 | 1334 | 6.75 | 34.1 | |
| Andhra Pradesh | 6.58 | 5.39 | 17.44 | 6.90 | 2633 | 7.39 | 5.91 | 19.67 | 7.42 | 2661 | 7.42 | 58.9 | |
| Haryana | 4.44 | 3.64 | 16.75 | 6.63 | 3772 | 4.40 | 3.52 | 16.97 | 6.40 | 3858 | 6.40 | 92.4 | |
| West Bengal | 6.13 | 5.02 | 16.51 | 6.53 | 2682 | 6.28 | 5.02 | 17.08 | 6.44 | 2719 | 6.44 | 49.3 | |
| Bihar | 6.70 | 5.49 | 13.05 | 5.17 | 1948 | 6.40 | 5.12 | 12.91 | 4.87 | 2017 | 4.87 | 69.5 | |
| Karnataka | 7.16 | 5.86 | 12.05 | 4.77 | 1684 | 7.54 | 6.03 | 12.21 | 4.61 | 1619 | 4.61 | 26.4 | |
| Maharashtra | 9.91 | 8.12 | 10.33 | 4.09 | 1043 | 11.47 | 9.17 | 13.85 | 5.22 | 1207 | 5.22 | 16.2 | |
| Tamil Nadu | 3.74 | 3.06 | 9.46 | 3.74 | 2529 | 3.44 | 2.75 | 8.78 | 3.31 | 2552 | 3.31 | 59.8 | |
| Odisha | 5.17 | 4.24 | 8.97 | 3.55 | 1734 | 5.14 | 4.11 | 8.36 | 3.15 | 1626 | 3.15 | 29.5 | |
| Chhattisgarh | 4.94 | 4.05 | 7.08 | 2.80 | 1433 | 4.98 | 3.98 | 7.60 | 2.87 | 1525 | 2.87 | 30.6 | |
| Gujarat | 3.57 | 2.92 | 6.99 | 2.76 | 1957 | 4.38 | 3.50 | 9.18 | 3.46 | 2097 | 3.46 | 45.1 | |
| Assam | 2.51 | 2.06 | 5.06 | 2.00 | 2012 | 2.66 | 2.13 | 5.10 | 1.92 | 1917 | 1.92 | 4.6 | |

(Contd.)

Table 4.5(h) (*Contd.*)

| State | 2014-15# | | | | | 2013-14 | | | | | Area Under Irrigation(%) 2012-13* |
|------------------|---------------|---------------|---------------|---------------|-------------|---------------|---------------|---------------|---------------|-------------|---|
| | Area | % to | Production | % to | Yield | Area | % to | Production | % to | Yield | |
| | | All - India | All - India | (5) | (6) | | (8) | (9) | (10) | (11) | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Jharkhand | 2.55 | 2.09 | 4.73 | 1.87 | 1855 | 2.27 | 1.81 | 4.29 | 1.62 | 1891 | 9.4 |
| Uttarakhand | 0.90 | 0.74 | 1.64 | 0.65 | 1823 | 0.89 | 0.71 | 1.78 | 0.67 | 1996 | 44.1 |
| Others | 3.39 | 2.77 | 7.45 | 2.95 | @ | 3.37 | 2.69 | 6.91 | 2.61 | @ | - |
| All India | 122.07 | 100.00 | 252.68 | 100.00 | 2070 | 125.04 | 100.00 | 265.04 | 100.00 | 2120 | 51.2 |

Source: Directorate of Economics & Statistics, DAC&FW

*@ - Since area/ production is low in individual states yield rate is not worked out.

Note: States have been arranged in descending order of percentage share of production during 2014-15.

* Provisional

Fourth Advance Estimates.

Table 4.6(a): Rice: All-India Area, Production and Yield alongwith coverage under Irrigation

| Year | Area | Production | Yield | Area - Million Hectares |
|---------|-------|------------|-------|-----------------------------|
| | | | | Production - Million Tonnes |
| (1) | (2) | (3) | (4) | Yield - Kg./Hectare |
| 1950-51 | 30.81 | 20.58 | 668 | 31.7 |
| 1951-52 | 29.83 | 21.30 | 714 | 31.7 |
| 1952-53 | 29.97 | 22.90 | 764 | 32.3 |
| 1953-54 | 31.29 | 28.21 | 902 | 33.6 |
| 1954-55 | 30.77 | 25.22 | 820 | 34.4 |
| 1955-56 | 31.52 | 27.56 | 874 | 34.9 |
| 1956-57 | 32.28 | 29.04 | 900 | 35.4 |
| 1957-58 | 32.30 | 25.53 | 790 | 36.4 |
| 1958-59 | 33.17 | 30.85 | 930 | 36.3 |
| 1959-60 | 33.82 | 31.68 | 937 | 35.8 |
| 1960-61 | 34.13 | 34.58 | 1013 | 36.8 |
| 1961-62 | 34.69 | 35.66 | 1028 | 37.5 |
| 1962-63 | 35.69 | 33.21 | 931 | 37.4 |
| 1963-64 | 35.81 | 37.00 | 1033 | 37.1 |
| 1964-65 | 36.46 | 39.31 | 1078 | 37.3 |
| 1965-66 | 35.47 | 30.59 | 862 | 36.5 |
| 1966-67 | 35.25 | 30.44 | 864 | 37.9 |
| 1967-68 | 36.44 | 37.61 | 1032 | 38.6 |
| 1968-69 | 36.97 | 39.76 | 1075 | 38.4 |
| 1969-70 | 37.68 | 40.43 | 1073 | 38.2 |
| 1970-71 | 37.59 | 42.22 | 1123 | 38.4 |
| 1971-72 | 37.76 | 43.07 | 1141 | 37.2 |
| 1972-73 | 36.69 | 39.24 | 1070 | 39.1 |
| 1973-74 | 38.29 | 44.05 | 1150 | 38.4 |
| 1974-75 | 37.89 | 39.58 | 1045 | 38.8 |
| 1975-76 | 39.48 | 48.74 | 1235 | 38.7 |
| 1976-77 | 38.51 | 41.92 | 1089 | 38.4 |
| 1977-78 | 40.28 | 52.67 | 1308 | 40.2 |
| 1978-79 | 40.48 | 53.77 | 1328 | 41.6 |
| 1979-80 | 39.42 | 42.33 | 1074 | 42.8 |
| 1980-81 | 40.15 | 53.63 | 1336 | 40.7 |
| 1981-82 | 40.71 | 53.25 | 1308 | 41.5 |
| 1982-83 | 38.26 | 47.12 | 1232 | 42.0 |

(Contd.)

Table 4.6(a) (*Contd.*)

| Year | Area | Production | Yield | Area Under Irrigation(%) |
|----------|-------|------------|-------|--------------------------|
| (1) | (2) | (3) | (4) | (5) |
| 1983-84 | 41.24 | 60.10 | 1457 | 42.7 |
| 1984-85 | 41.16 | 58.34 | 1417 | 43.7 |
| 1985-86 | 41.14 | 63.83 | 1552 | 42.9 |
| 1986-87 | 41.17 | 60.56 | 1471 | 44.1 |
| 1987-88 | 38.81 | 56.86 | 1465 | 43.6 |
| 1988-89 | 41.73 | 70.49 | 1689 | 45.8 |
| 1989-90 | 42.17 | 73.57 | 1745 | 46.1 |
| 1990-91 | 42.69 | 74.29 | 1740 | 45.5 |
| 1991-92 | 42.65 | 74.68 | 1751 | 47.3 |
| 1992-93 | 41.78 | 72.86 | 1744 | 48.0 |
| 1993-94 | 42.54 | 80.30 | 1888 | 48.6 |
| 1994-95 | 42.81 | 81.81 | 1911 | 49.8 |
| 1995-96 | 42.84 | 76.98 | 1797 | 49.9 |
| 1996-97 | 43.43 | 81.73 | 1882 | 51.0 |
| 1997-98 | 43.45 | 82.54 | 1900 | 50.8 |
| 1998-99 | 44.80 | 86.08 | 1921 | 52.3 |
| 1999-00 | 45.16 | 89.68 | 1986 | 53.9 |
| 2000-01 | 44.71 | 84.98 | 1901 | 53.6 |
| 2001-02 | 44.90 | 93.34 | 2079 | 53.2 |
| 2002-03 | 41.18 | 71.82 | 1744 | 50.2 |
| 2003-04 | 42.59 | 88.53 | 2079 | 52.6 |
| 2004-05 | 41.91 | 83.13 | 1984 | 54.7 |
| 2005-06 | 43.66 | 91.79 | 2102 | 56.0 |
| 2006-07 | 43.81 | 93.36 | 2131 | 56.7 |
| 2007-08 | 43.91 | 96.69 | 2202 | 56.9 |
| 2008-09 | 45.54 | 99.18 | 2178 | 58.7 |
| 2009-10 | 41.92 | 89.09 | 2125 | 58.0 |
| 2010-11 | 42.86 | 95.98 | 2239 | 58.6 |
| 2011-12 | 44.01 | 105.30 | 2393 | 58.7 |
| 2012-13 | 42.75 | 105.23 | 2461 | 58.3 |
| 2013-14 | 44.14 | 106.65 | 2416 | - |
| 2014-15* | 43.86 | 104.80 | 2390 | - |

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

Table 4.6 (b): Rice: Area, Production and Yield during 2013-14 and 2014-15 in major Producing States alongwith coverage under Irrigation

| State | Area (1) | 2014-15# | | | 2013-14 | | | Area (12) | | | |
|------------------|--------------|----------------------------|----------------------------|-------------------|----------------------------|--------------|----------------------------|----------------------------|-------------------|-----------------------------|---------------|
| | | Area All - India (2) | % to All - India (3) | Production (4) | % to All - India (5) | Yield (6) | Area All - India (7) | % to All - India (8) | Production (9) | % to All - India (10) | Yield (11) |
| West Bengal | 5.39 | 12.28 | 14.71 | 14.04 | 2731 | 5.51 | 12.49 | 15.37 | 14.41 | 2788 | 48.2 |
| Uttar Pradesh | 5.87 | 13.38 | 12.22 | 11.66 | 2082 | 5.98 | 13.55 | 14.64 | 13.72 | 2447 | 83.1 |
| Andhra Pradesh | 3.81 | 8.69 | 11.57 | 11.04 | 3036 | 4.36 | 9.87 | 12.72 | 11.93 | 2920 | 96.8 |
| Punjab | 2.89 | 6.60 | 11.11 | 10.60 | 3838 | 2.85 | 6.46 | 11.27 | 10.56 | 3953 | 99.6 |
| Odisha | 4.17 | 9.50 | 8.29 | 7.91 | 1989 | 4.18 | 9.47 | 7.61 | 7.14 | 1821 | 33.8 |
| Bihar | 3.27 | 7.45 | 6.38 | 6.09 | 1951 | 3.13 | 7.09 | 5.51 | 5.16 | 1759 | 62.4 |
| Chattisgarh | 3.81 | 8.68 | 6.02 | 5.75 | 1581 | 3.80 | 8.61 | 6.72 | 6.30 | 1767 | 35.3 |
| Tamil Nadu | 1.83 | 4.17 | 5.84 | 5.57 | 3191 | 1.73 | 3.91 | 5.35 | 5.02 | 3101 | 92.2 |
| Assam | 2.28 | 5.19 | 4.86 | 4.64 | 2135 | 2.45 | 5.55 | 4.93 | 4.62 | 2012 | 4.9 |
| Haryana | 1.29 | 2.93 | 4.01 | 3.82 | 3113 | 1.23 | 2.78 | 4.00 | 3.75 | 3256 | 99.5 |
| Karnataka | 1.30 | 2.96 | 3.66 | 3.50 | 2826 | 1.34 | 3.04 | 3.57 | 3.35 | 2664 | 72.2 |
| Madhya Pradesh | 2.15 | 4.91 | 3.63 | 3.46 | 1684 | 1.93 | 4.37 | 2.84 | 2.67 | 1474 | 26.0 |
| Jharkhand | 1.50 | 3.42 | 3.32 | 3.17 | 2210 | 1.26 | 2.84 | 2.81 | 2.63 | 2239 | 6.4 |
| Maharashtra | 1.55 | 3.53 | 2.93 | 2.79 | 1891 | 1.61 | 3.65 | 3.12 | 2.93 | 1938 | 26.1 |
| Gujarat | 0.79 | 1.79 | 1.64 | 1.56 | 2085 | 0.79 | 1.79 | 1.64 | 1.53 | 2076 | 61.4 |
| Kerala | 0.20 | 0.45 | 0.56 | 0.53 | 2818 | 0.20 | 0.45 | 0.51 | 0.48 | 2558 | 74.5 |
| Others | 1.78 | 4.06 | 4.07 | 3.89 | @ | 1.80 | 4.08 | 4.06 | 3.81 | @ | - |
| All India | 43.86 | 100.00 | 104.80 | 100.00 | 2390 | 44.14 | 100.00 | 106.65 | 100.00 | 2416 | 58.3 |

Source: Directorate of Economics & Statistics, DAC&FW

* @ - Since area/ production is low in individual states, yield rate is not worked out.

Note: States have been arranged in descending order of percentage share of production during 2014-15.

Provisional
Fourth Advance Estimates.

Table 4.7(a): Wheat: All-India Area, Production and Yield alongwith coverage under Irrigation

| Year | Area | Production | Yield | Area Under Irrigation(%) |
|---------|-------|------------|-------|--------------------------|
| (1) | (2) | (3) | (4) | (5) |
| 1950-51 | 9.75 | 6.46 | 663 | 34.0 |
| 1951-52 | 9.47 | 6.18 | 653 | 35.8 |
| 1952-53 | 9.83 | 7.50 | 763 | 37.2 |
| 1953-54 | 10.68 | 8.02 | 750 | 36.2 |
| 1954-55 | 11.26 | 9.04 | 803 | 35.0 |
| 1955-56 | 12.37 | 8.76 | 708 | 32.7 |
| 1956-57 | 13.52 | 9.40 | 695 | 29.4 |
| 1957-58 | 11.73 | 7.99 | 682 | 33.3 |
| 1958-59 | 12.62 | 9.96 | 789 | 31.8 |
| 1959-60 | 13.38 | 10.32 | 772 | 31.8 |
| 1960-61 | 12.93 | 11.00 | 851 | 32.7 |
| 1961-62 | 13.57 | 12.07 | 890 | 31.9 |
| 1962-63 | 13.59 | 10.78 | 793 | 33.8 |
| 1963-64 | 13.50 | 9.85 | 730 | 34.9 |
| 1964-65 | 13.42 | 12.26 | 913 | 36.8 |
| 1965-66 | 12.57 | 10.40 | 827 | 43.1 |
| 1966-67 | 12.84 | 11.39 | 887 | 48.0 |
| 1967-68 | 14.99 | 16.54 | 1103 | 43.4 |
| 1968-69 | 15.96 | 18.65 | 1169 | 49.8 |
| 1969-70 | 16.63 | 20.09 | 1208 | 51.1 |
| 1970-71 | 18.24 | 23.83 | 1307 | 54.3 |
| 1971-72 | 19.14 | 26.41 | 1380 | 54.5 |
| 1972-73 | 19.46 | 24.74 | 1271 | 57.6 |
| 1973-74 | 18.58 | 21.78 | 1172 | 57.7 |
| 1974-75 | 18.01 | 24.10 | 1338 | 61.8 |
| 1975-76 | 20.45 | 28.84 | 1410 | 61.8 |
| 1976-77 | 20.92 | 29.01 | 1387 | 65.1 |
| 1977-78 | 21.46 | 31.75 | 1480 | 64.6 |
| 1978-79 | 22.64 | 35.51 | 1568 | 66.0 |
| 1979-80 | 22.17 | 31.83 | 1436 | 68.3 |
| 1980-81 | 22.28 | 36.31 | 1630 | 76.5 |
| 1981-82 | 22.14 | 37.45 | 1691 | 70.7 |
| 1982-83 | 23.57 | 42.79 | 1816 | 72.5 |
| 1983-84 | 24.67 | 45.48 | 1843 | 73.0 |
| 1984-85 | 23.56 | 44.07 | 1870 | 74.5 |

(Contd.)

Table 4.7(a) (*Contd.*)

| Year | Area | Production | Yield | Area Under Irrigation(%) |
|----------|-------|------------|-------|--------------------------|
| (1) | (2) | (3) | (4) | (5) |
| 1985-86 | 23.00 | 47.05 | 2046 | 74.6 |
| 1986-87 | 23.13 | 44.32 | 1916 | 76.3 |
| 1987-88 | 23.06 | 46.17 | 2002 | 76.8 |
| 1988-89 | 24.11 | 54.11 | 2244 | 79.2 |
| 1989-90 | 23.50 | 49.85 | 2121 | 80.3 |
| 1990-91 | 24.17 | 55.14 | 2281 | 81.1 |
| 1991-92 | 23.26 | 55.69 | 2394 | 83.7 |
| 1992-93 | 24.59 | 57.21 | 2327 | 84.2 |
| 1993-94 | 25.15 | 59.84 | 2380 | 84.8 |
| 1994-95 | 25.70 | 65.77 | 2559 | 85.2 |
| 1995-96 | 25.01 | 62.10 | 2483 | 85.8 |
| 1996-97 | 25.89 | 69.35 | 2679 | 86.2 |
| 1997-98 | 26.70 | 66.35 | 2485 | 85.8 |
| 1998-99 | 27.52 | 71.29 | 2590 | 85.8 |
| 1999-00 | 27.49 | 76.37 | 2778 | 87.2 |
| 2000-01 | 25.73 | 69.68 | 2708 | 88.1 |
| 2001-02 | 26.34 | 72.77 | 2762 | 87.4 |
| 2002-03 | 25.20 | 65.76 | 2610 | 88.0 |
| 2003-04 | 26.59 | 72.16 | 2713 | 88.4 |
| 2004-05 | 26.38 | 68.64 | 2602 | 89.4 |
| 2005-06 | 26.48 | 69.35 | 2619 | 89.6 |
| 2006-07 | 27.99 | 75.81 | 2708 | 90.2 |
| 2007-08 | 28.04 | 78.57 | 2802 | 90.9 |
| 2008-09 | 27.75 | 80.68 | 2907 | 91.3 |
| 2009-10 | 28.46 | 80.80 | 2839 | 91.7 |
| 2010-11 | 29.07 | 86.87 | 2988 | 92.1 |
| 2011-12 | 29.86 | 94.88 | 3177 | 92.9 |
| 2012-13 | 30.00 | 93.51 | 3117 | 93.4 |
| 2013-14 | 30.47 | 95.85 | 3146 | - |
| 2014-15* | 30.97 | 88.94 | 2872 | - |

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

Table 4.7(b): Wheat Area, Production and Yield during 2013-14 and 2014-15 in major Producing States alongwith coverage under Irrigation

Area - Million Hectares
Production - Million Tonnes
Yield - Kg./Hectare

| State | Area | 2014-15# | | | 2013-14 | | | Area Under Irrigation(%) | | | Area Under Irrigation(%) 2012-13* |
|------------------|--------------|------------------|--------------|------------------|-------------|--------------|------------------|--------------------------|------------------|-------------|--------------------------------------|
| | | % to All - India | Production | % to All - India | Yield | Area | % to All - India | Production | % to All - India | Yield | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Uttar Pradesh | 9.85 | 31.79 | 25.22 | 28.36 | 2561 | 9.84 | 32.29 | 29.89 | 31.19 | 3038 | 98.4 |
| Punjab | 3.51 | 11.35 | 15.78 | 17.74 | 4491 | 3.51 | 11.52 | 17.62 | 18.38 | 5017 | 98.9 |
| Madhya Pradesh | 5.56 | 17.95 | 14.18 | 15.94 | 2551 | 5.38 | 17.65 | 12.94 | 13.50 | 2405 | 90.8 |
| Haryana | 2.59 | 8.37 | 11.86 | 13.33 | 4574 | 2.50 | 8.20 | 11.80 | 12.31 | 4722 | 99.5 |
| Rajasthan | 3.32 | 10.71 | 9.87 | 11.10 | 2974 | 2.81 | 9.22 | 8.66 | 9.04 | 3082 | 99.2 |
| Bihar | 2.19 | 7.06 | 4.05 | 4.55 | 1851 | 2.01 | 6.59 | 4.74 | 4.94 | 2358 | 94.6 |
| Gujarat | 1.15 | 3.70 | 3.22 | 3.62 | 2810 | 1.44 | 4.73 | 4.69 | 4.89 | 3252 | 90.8 |
| Maharashtra | 0.90 | 2.89 | 1.24 | 1.39 | 1381 | 1.10 | 3.60 | 1.60 | 1.67 | 1459 | 73.9 |
| West Bengal | 0.34 | 1.08 | 0.95 | 1.07 | 2836 | 0.33 | 1.09 | 0.93 | 0.97 | 2792 | 96.0 |
| Himachal Pradesh | 0.40 | 1.29 | 0.72 | 0.81 | 1800 | 0.36 | 1.17 | 0.67 | 0.70 | 1872 | 21.6 |
| Uttarakhand | 0.35 | 1.12 | 0.66 | 0.74 | 1902 | 0.35 | 1.14 | 0.84 | 0.88 | 2427 | 57.7 |
| Jammu & Kashmir | 0.29 | 0.94 | 0.35 | 0.39 | 1203 | 0.29 | 0.96 | 0.60 | 0.63 | 2055 | 28.4 |
| Jharkhand | 0.17 | 0.55 | 0.33 | 0.37 | 1930 | 0.17 | 0.57 | 0.37 | 0.39 | 2126 | 96.0 |
| Karnataka | 0.20 | 0.64 | 0.22 | 0.24 | 1091 | 0.21 | 0.69 | 0.21 | 0.22 | 1005 | 55.1 |
| Assam | 0.04 | 0.11 | 0.04 | 0.05 | 1257 | 0.03 | 0.10 | 0.04 | 0.04 | 1290 | 2.9 |
| Others | 0.14 | 0.44 | 0.26 | 0.29 | @ | 0.14 | 0.47 | 0.25 | 0.26 | @ | - |
| All India | 30.97 | 100.00 | 83.94 | 100.00 | 2872 | 30.47 | 100.00 | 95.85 | 100.00 | 3145 | 93.4 |

Source: Directorate of Economics & Statistics, DAC&FW

Since area/ production is low in individual states, yield rate is not worked out.

Note: States have been arranged in descending order of percentage share of production during 2014-15.

* Provisional

Fourth Advance Estimates.

Table 4.8(a): Coarse Cereals: All-India Area, Production and Yield alongwith coverage under Irrigation

| Year | Area | Production | Yield | Area - Million Hectares |
|---------|-------|------------|-------|-----------------------------|
| | | | | Production - Million Tonnes |
| (1) | (2) | (3) | (4) | Yield - Kg./Hectare |
| 1950-51 | 37.67 | 15.38 | 408 | 7.9 |
| 1951-52 | 38.88 | 16.09 | 414 | 8.7 |
| 1952-53 | 42.45 | 19.61 | 462 | 8.1 |
| 1953-54 | 45.37 | 22.97 | 506 | 7.8 |
| 1954-55 | 43.92 | 22.82 | 520 | 8.1 |
| 1955-56 | 43.45 | 19.49 | 449 | 8.0 |
| 1956-57 | 42.02 | 19.87 | 473 | 7.6 |
| 1957-58 | 42.91 | 21.23 | 495 | 8.0 |
| 1958-59 | 44.66 | 23.18 | 519 | 7.5 |
| 1959-60 | 43.79 | 22.87 | 522 | 7.5 |
| 1960-61 | 44.96 | 23.74 | 528 | 7.7 |
| 1961-62 | 44.73 | 23.22 | 519 | 7.1 |
| 1962-63 | 44.29 | 24.63 | 556 | 7.3 |
| 1963-64 | 43.93 | 23.72 | 540 | 7.3 |
| 1964-65 | 44.35 | 25.37 | 514 | 7.3 |
| 1965-66 | 44.34 | 21.42 | 483 | 8.1 |
| 1966-67 | 45.09 | 24.05 | 533 | 8.5 |
| 1967-68 | 47.34 | 28.80 | 608 | 8.0 |
| 1968-69 | 46.24 | 25.18 | 545 | 9.6 |
| 1969-70 | 47.24 | 27.29 | 578 | 9.4 |
| 1970-71 | 45.95 | 30.55 | 665 | 8.3 |
| 1971-72 | 43.57 | 24.60 | 564 | 8.4 |
| 1972-73 | 42.21 | 23.14 | 548 | 8.6 |
| 1973-74 | 46.24 | 28.83 | 623 | 8.3 |
| 1974-75 | 43.15 | 26.13 | 606 | 10.9 |
| 1975-76 | 43.80 | 30.41 | 694 | 9.9 |
| 1976-77 | 41.94 | 28.88 | 689 | 9.7 |
| 1977-78 | 42.28 | 30.02 | 710 | 8.9 |
| 1978-79 | 42.23 | 30.44 | 721 | 8.5 |
| 1979-80 | 41.36 | 26.97 | 652 | 9.4 |
| 1980-81 | 41.78 | 29.02 | 695 | 9.2 |
| 1981-82 | 42.45 | 31.09 | 733 | 9.0 |
| 1982-83 | 40.43 | 27.75 | 685 | 9.0 |

(Contd.)

Table 4.8(a) (*Contd.*)

| Year | Area | Production | Yield | Area Under Irrigation(%) |
|----------|-------|------------|-------|--------------------------|
| (1) | (2) | (3) | (4) | (5) |
| 1983-84 | 41.71 | 33.90 | 813 | 7.8 |
| 1984-85 | 39.21 | 31.17 | 795 | 8.4 |
| 1985-86 | 39.47 | 26.20 | 664 | 8.4 |
| 1986-87 | 39.74 | 26.83 | 675 | 9.1 |
| 1987-88 | 36.55 | 26.36 | 721 | 9.8 |
| 1988-89 | 38.68 | 31.47 | 814 | 9.2 |
| 1989-90 | 37.69 | 34.76 | 922 | 9.8 |
| 1990-91 | 36.32 | 32.70 | 900 | 9.0 |
| 1991-92 | 33.42 | 25.99 | 778 | 10.7 |
| 1992-93 | 34.42 | 36.59 | 1063 | 10.1 |
| 1993-94 | 32.82 | 30.82 | 939 | 10.4 |
| 1994-95 | 32.17 | 29.88 | 929 | 10.4 |
| 1995-96 | 30.88 | 29.03 | 940 | 11.0 |
| 1996-97 | 31.81 | 34.11 | 1072 | 10.2 |
| 1997-98 | 31.05 | 30.40 | 986 | 11.0 |
| 1998-99 | 29.34 | 31.34 | 1068 | 12.0 |
| 1999-00 | 29.34 | 30.33 | 1034 | 12.6 |
| 2000-01 | 30.26 | 31.08 | 1027 | 12.5 |
| 2001-02 | 29.52 | 33.38 | 1131 | 11.3 |
| 2002-03 | 26.99 | 26.07 | 966 | 11.0 |
| 2003-04 | 30.80 | 37.60 | 1221 | 6.6 |
| 2004-05 | 29.03 | 33.46 | 1153 | 6.6 |
| 2005-06 | 29.06 | 34.07 | 1172 | 13.0 |
| 2006-07 | 28.71 | 33.92 | 1182 | 13.4 |
| 2007-08 | 28.48 | 40.75 | 1431 | 14.2 |
| 2008-09 | 27.45 | 40.04 | 1459 | 15.3 |
| 2009-10 | 27.68 | 33.55 | 1212 | 14.4 |
| 2010-11 | 28.34 | 43.40 | 1531 | 14.4 |
| 2011-12 | 26.42 | 42.01 | 1590 | 17.9 |
| 2012-13 | 24.76 | 40.04 | 1617 | 16.5 |
| 2013-14 | 25.22 | 43.29 | 1717 | - |
| 2014-15* | 24.15 | 41.75 | 1729 | - |

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

Table 4.8 (b): Coarse Cereals : Area, Production and Yield during 2013-14 and 2014-15 in major Producing States alongwith coverage under Irrigation

| State | 2014-15# | | | 2013-14 | | | Area Under Irrigation(%) | | | | |
|------------------|----------|------------------|------------|------------------|-------|------|--------------------------|------------|------------------|-------|--------------------------|
| | Area | % to All - India | Production | % to All - India | Yield | Area | % to All - India | Production | % to All - India | Yield | Area Under Irrigation(%) |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Rajasthan | 6.02 | 24.92 | 7.57 | 18.12 | 1257 | 6.26 | 24.83 | 6.43 | 14.86 | 1027 | 7.4 |
| Karnataka | 3.35 | 13.89 | 6.68 | 16.00 | 1992 | 3.49 | 13.84 | 6.83 | 15.77 | 1955 | 20.1 |
| Andhra Pradesh | 1.31 | 5.43 | 4.72 | 11.29 | 3596 | 1.35 | 5.37 | 5.39 | 12.44 | 3977 | 39.7 |
| Maharashtra | 4.33 | 17.92 | 4.43 | 10.62 | 1024 | 4.81 | 19.06 | 5.96 | 13.76 | 1239 | 9.0 |
| Uttar Pradesh | 2.01 | 8.30 | 3.58 | 8.58 | 1787 | 2.02 | 7.99 | 3.80 | 8.78 | 1886 | 24.6 |
| Madhya Pradesh | 1.75 | 7.25 | 2.98 | 7.13 | 1701 | 1.63 | 6.45 | 2.55 | 5.89 | 1567 | 4.1 |
| Tamil Nadu | 0.97 | 4.02 | 2.97 | 7.12 | 3066 | 0.90 | 3.56 | 2.82 | 6.51 | 3143 | 24.9 |
| Bihar | 0.74 | 3.06 | 2.21 | 5.28 | 2989 | 0.76 | 3.00 | 2.14 | 4.94 | 2829 | 63.4 |
| Gujarat | 1.01 | 4.16 | 1.55 | 3.71 | 1539 | 1.34 | 5.29 | 2.12 | 4.90 | 1588 | 18.8 |
| Haryana | 0.48 | 1.97 | 0.83 | 1.98 | 1739 | 0.52 | 2.08 | 1.05 | 2.43 | 2004 | 49.8 |
| Himachal Pradesh | 0.33 | 1.37 | 0.79 | 1.89 | 2397 | 0.32 | 1.26 | 0.69 | 1.58 | 2161 | 9.4 |
| West Bengal | 0.17 | 0.69 | 0.67 | 1.60 | 4036 | 0.14 | 0.56 | 0.54 | 1.24 | 3789 | 18.6 |
| Punjab | 0.14 | 0.57 | 0.50 | 1.19 | 3635 | 0.14 | 0.56 | 0.55 | 1.27 | 3873 | 78.1 |
| Jharkhand | 0.28 | 1.18 | 0.49 | 1.17 | 1715 | 0.27 | 1.07 | 0.53 | 1.22 | 1955 | 1.0 |
| Jammu & Kashmir | 0.35 | 1.45 | 0.48 | 1.14 | 1360 | 0.34 | 1.34 | 0.55 | 1.27 | 1622 | 11.5 |

(Contd.)

Table 4.8(b) (*Contd.*)

| State | 2014-15# | | | | | 2013-14 | | | | | Area Under Irrigation(%) 2012-13* |
|------------------|--------------|------------------|--------------|------------------|-------------|--------------|------------------|--------------|------------------|-------------|-----------------------------------|
| | Area | % to All - India | Production | % to All - India | Yield | Area | % to All - India | Production | % to All - India | Yield | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Uttarakhand | 0.22 | 0.92 | 0.32 | 0.76 | 1428 | 0.23 | 0.91 | 0.30 | 0.69 | 1296 | 0.4 |
| Chhattisgarh | 0.25 | 1.02 | 0.26 | 0.63 | 1069 | 0.24 | 0.94 | 0.26 | 0.61 | 1105 | 4.3 |
| Odisha | 0.17 | 0.72 | 0.24 | 0.58 | 1399 | 0.18 | 0.72 | 0.33 | 0.75 | 1796 | 2.5 |
| Others | 0.29 | 1.18 | 0.49 | 1.19 | @ | 0.29 | 1.15 | 0.48 | 1.10 | @ | - |
| All India | 24.15 | 100.00 | 41.75 | 100.00 | 1729 | 25.22 | 100.00 | 43.29 | 100.00 | 1717 | 16.5 |

Source: Directorate of Economics & Statistics, DAC&FW

Note: States have been arranged in descending order of percentage share of production during 2014-15.

@ - Since area/ production is low in individual states, yield rate is not worked out.

* Provisional

Fourth Advance Estimates.

Table 4.9(a): Jowar: All-India Area, Production and Yield alongwith coverage under Irrigation

| Year | Area | Production | Yield | Area - Million Hectares |
|---------|-------|------------|-------|-----------------------------|
| | | | | Production - Million Tonnes |
| | | | | Yield - Kg./Hectare |
| (1) | (2) | (3) | (4) | (5) |
| 1950-51 | 15.57 | 5.50 | 353 | 3.0 |
| 1951-52 | 15.94 | 6.08 | 381 | 3.5 |
| 1952-53 | 17.54 | 7.36 | 420 | 3.1 |
| 1953-54 | 17.76 | 8.08 | 455 | 3.1 |
| 1954-55 | 17.46 | 9.20 | 527 | 3.3 |
| 1955-56 | 17.36 | 6.73 | 387 | 3.6 |
| 1956-57 | 16.24 | 7.33 | 451 | 3.4 |
| 1957-58 | 17.31 | 8.64 | 499 | 3.5 |
| 1958-59 | 17.96 | 9.03 | 503 | 3.5 |
| 1959-60 | 17.71 | 8.58 | 484 | 3.6 |
| 1960-61 | 18.41 | 9.81 | 533 | 3.6 |
| 1961-62 | 18.25 | 8.03 | 440 | 3.7 |
| 1962-63 | 18.41 | 9.75 | 529 | 3.7 |
| 1963-64 | 18.38 | 9.20 | 501 | 3.9 |
| 1964-65 | 18.06 | 9.68 | 536 | 3.8 |
| 1965-66 | 17.68 | 7.58 | 429 | 4.1 |
| 1966-67 | 18.05 | 9.22 | 511 | 4.0 |
| 1967-68 | 18.42 | 10.05 | 545 | 3.9 |
| 1968-69 | 18.73 | 9.80 | 523 | 4.5 |
| 1969-70 | 18.61 | 9.72 | 522 | 4.1 |
| 1970-71 | 17.37 | 8.11 | 466 | 3.6 |
| 1971-72 | 16.78 | 7.72 | 460 | 4.4 |
| 1972-73 | 15.51 | 6.97 | 449 | 3.3 |
| 1973-74 | 16.72 | 9.10 | 544 | 4.0 |
| 1974-75 | 16.19 | 10.41 | 643 | 4.6 |
| 1975-76 | 16.09 | 9.50 | 591 | 4.9 |
| 1976-77 | 15.77 | 10.52 | 667 | 5.1 |
| 1977-78 | 16.32 | 12.06 | 739 | 4.9 |
| 1978-79 | 16.15 | 11.44 | 708 | 4.8 |
| 1979-80 | 16.67 | 11.65 | 699 | 4.9 |
| 1980-81 | 15.81 | 10.43 | 660 | 4.7 |
| 1981-82 | 16.60 | 12.06 | 727 | 4.6 |
| 1982-83 | 16.38 | 10.75 | 657 | 4.3 |

(Contd.)

Table 4.9(a) (*Contd.*)

| Year | Area | Production | Yield | Area Under Irrigation(%) |
|----------|-------|------------|-------|--------------------------|
| (1) | (2) | (3) | (4) | (5) |
| 1983-84 | 16.43 | 11.92 | 725 | 4.1 |
| 1984-85 | 15.94 | 11.40 | 715 | 4.4 |
| 1985-86 | 16.10 | 10.20 | 633 | 4.5 |
| 1986-87 | 15.95 | 9.19 | 576 | 4.9 |
| 1987-88 | 16.00 | 12.20 | 762 | 4.9 |
| 1988-89 | 14.60 | 10.17 | 697 | 5.8 |
| 1989-90 | 14.84 | 12.90 | 869 | 6.3 |
| 1990-91 | 14.36 | 11.68 | 814 | 5.6 |
| 1991-92 | 12.36 | 8.10 | 655 | 6.5 |
| 1992-93 | 13.04 | 12.81 | 982 | 6.1 |
| 1993-94 | 12.71 | 11.41 | 895 | 6.2 |
| 1994-95 | 11.51 | 8.97 | 779 | 6.7 |
| 1995-96 | 11.33 | 9.33 | 823 | 6.8 |
| 1996-97 | 11.43 | 10.94 | 957 | 6.7 |
| 1997-98 | 10.80 | 7.53 | 697 | 7.3 |
| 1998-99 | 9.79 | 8.42 | 859 | 8.1 |
| 1999-00 | 10.25 | 8.68 | 847 | 7.7 |
| 2000-01 | 9.86 | 7.53 | 764 | 7.9 |
| 2001-02 | 9.80 | 7.56 | 771 | 8.3 |
| 2002-03 | 9.30 | 7.01 | 754 | 8.5 |
| 2003-04 | 9.33 | 6.68 | 716 | 7.5 |
| 2004-05 | 9.09 | 7.24 | 797 | 9.1 |
| 2005-06 | 8.67 | 7.63 | 880 | 9.0 |
| 2006-07 | 8.47 | 7.15 | 844 | 8.6 |
| 2007-08 | 7.76 | 7.93 | 1021 | 8.5 |
| 2008-09 | 7.53 | 7.25 | 962 | 8.9 |
| 2009-10 | 7.79 | 6.70 | 860 | 8.7 |
| 2010-11 | 7.38 | 7.00 | 949 | 8.7 |
| 2011-12 | 6.25 | 5.98 | 957 | 9.7 |
| 2012-13 | 6.21 | 5.28 | 850 | 9.6 |
| 2013-14 | 5.79 | 5.54 | 956 | - |
| 2014-15* | 5.30 | 5.05 | 953 | - |

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

Table 4.9 (b): Jowar: Area, Production and Yield during 2013-14 and 2014-15 in major Producing States alongwith coverage under Irrigation

| State | Area All - India | 2014-15# | | 2013-14 | | Area Under Irrigation(%) 2012-13* | | | | | |
|------------------|---------------------|---------------------|-------------|---------------------|------------|---|--------------------|-------------|---|------------|------------|
| | | % to All - India | Production | % to All - India | Yield | Area All - India | % to Production | Yield | Area Under Irrigation(%) 2012-13* | | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Maharashtra | 2.41 | 45.47 | 1.64 | 32.48 | 681 | 2.86 | 49.40 | 2.27 | 40.90 | 792 | 9.5 |
| Karnataka | 1.06 | 19.95 | 1.22 | 24.16 | 1154 | 1.14 | 19.66 | 1.32 | 23.77 | 1156 | 11.5 |
| Tamil Nadu | 0.43 | 8.02 | 0.63 | 12.50 | 1485 | 0.35 | 5.99 | 0.45 | 8.10 | 1294 | 13.8 |
| Rajasthan | 0.66 | 12.48 | 0.50 | 9.98 | 762 | 0.58 | 9.99 | 0.36 | 6.42 | 615 | 0.2 |
| Andhra Pradesh | 0.22 | 4.17 | 0.38 | 7.53 | 1719 | 0.23 | 3.92 | 0.38 | 6.80 | 1661 | 18.6 |
| Madhya Pradesh | 0.22 | 4.15 | 0.38 | 7.47 | 1714 | 0.25 | 4.38 | 0.37 | 6.73 | 1469 | 0.2 |
| Uttar Pradesh | 0.16 | 3.10 | 0.16 | 3.23 | 994 | 0.17 | 2.85 | 0.17 | 3.12 | 1048 | 0.5 |
| Gujarat | 0.07 | 1.40 | 0.09 | 1.84 | 1257 | 0.13 | 2.21 | 0.18 | 3.16 | 1367 | 19.8 |
| Haryana | 0.05 | 0.94 | 0.03 | 0.51 | 520 | 0.07 | 1.24 | 0.04 | 0.72 | 556 | 76.7 |
| Odisha | 0.01 | 0.11 | 0.00 | 0.08 | 667 | 0.01 | 0.13 | 0.00 | 0.07 | 536 | - |
| Others | 0.01 | 0.21 | 0.01 | 0.22 | @ | 0.01 | 0.22 | 0.01 | 0.20 | @ | - |
| All India | 5.30 | 100.00 | 5.05 | 100.00 | 953 | 5.79 | 100.00 | 5.54 | 100.00 | 956 | 9.7 |

Source: Directorate of Economics & Statistics, DAC&FW

Note: States have been arranged in descending order of percentage share of production during 2014-15.
‘@’ - Since area/ production is low in individual states, yield rate is not worked out.* Provisional
Fourth Advance Estimates.

Table 4.10(a): Bajra: All-India Area, Production and Yield alongwith coverage under Irrigation

| Year | Area | Production | Yield | Area - Million Hectares |
|---------|-------|------------|-------|-----------------------------|
| | | | | Production - Million Tonnes |
| | | | | Yield - Kg./Hectare |
| (1) | (2) | (3) | (4) | (5) |
| 1950-51 | 9.02 | 2.60 | 288 | 3.4 |
| 1951-52 | 9.52 | 2.35 | 246 | 3.8 |
| 1952-53 | 10.77 | 3.19 | 296 | 3.3 |
| 1953-54 | 12.20 | 4.55 | 373 | 3.1 |
| 1954-55 | 11.37 | 3.52 | 310 | 3.6 |
| 1955-56 | 11.34 | 3.43 | 302 | 3.6 |
| 1956-57 | 11.25 | 2.87 | 255 | 3.1 |
| 1957-58 | 11.17 | 3.62 | 324 | 2.9 |
| 1958-59 | 11.43 | 3.87 | 338 | 3.0 |
| 1959-60 | 10.70 | 3.49 | 327 | 2.5 |
| 1960-61 | 11.47 | 3.28 | 286 | 2.8 |
| 1961-62 | 11.28 | 3.65 | 323 | 2.6 |
| 1962-63 | 10.96 | 3.96 | 361 | 2.7 |
| 1963-64 | 11.10 | 3.88 | 349 | 2.3 |
| 1964-65 | 11.83 | 4.52 | 382 | 2.3 |
| 1965-66 | 11.97 | 3.75 | 314 | 2.8 |
| 1966-67 | 12.24 | 4.47 | 365 | 3.1 |
| 1967-68 | 12.81 | 5.19 | 405 | 3.0 |
| 1968-69 | 12.05 | 3.80 | 315 | 4.1 |
| 1969-70 | 12.49 | 5.33 | 426 | 4.2 |
| 1970-71 | 12.91 | 8.03 | 622 | 4.0 |
| 1971-72 | 11.77 | 5.32 | 452 | 3.7 |
| 1972-73 | 11.82 | 3.93 | 333 | 4.5 |
| 1973-74 | 13.93 | 7.52 | 540 | 4.2 |
| 1974-75 | 11.29 | 3.27 | 290 | 5.5 |
| 1975-76 | 11.57 | 5.74 | 496 | 5.1 |
| 1976-77 | 10.75 | 5.85 | 544 | 4.9 |
| 1977-78 | 11.10 | 4.73 | 426 | 4.4 |
| 1978-79 | 11.39 | 5.57 | 489 | 4.4 |
| 1979-80 | 10.58 | 3.95 | 373 | 5.5 |
| 1980-81 | 11.66 | 5.34 | 458 | 5.5 |
| 1981-82 | 11.78 | 5.54 | 470 | 6.0 |
| 1982-83 | 10.94 | 5.13 | 469 | 6.0 |

(Contd.)

Table 4.10(a) (*Contd.*)

| Year | Area | Production | Yield | Area Under Irrigation(%) |
|----------|-------|------------|-------|--------------------------|
| (1) | (2) | (3) | (4) | (5) |
| 1983-84 | 11.83 | 7.72 | 653 | 4.8 |
| 1984-85 | 10.62 | 6.05 | 569 | 5.2 |
| 1985-86 | 10.65 | 3.66 | 344 | 5.1 |
| 1986-87 | 11.27 | 4.51 | 401 | 6.0 |
| 1987-88 | 8.71 | 3.30 | 378 | 8.4 |
| 1988-89 | 12.04 | 7.78 | 646 | 5.3 |
| 1989-90 | 10.90 | 6.65 | 610 | 6.3 |
| 1990-91 | 10.48 | 6.89 | 658 | 5.1 |
| 1991-92 | 10.03 | 4.67 | 465 | 6.5 |
| 1992-93 | 10.62 | 8.88 | 836 | 5.8 |
| 1993-94 | 9.55 | 4.97 | 521 | 6.6 |
| 1994-95 | 10.22 | 7.16 | 700 | 5.5 |
| 1995-96 | 9.32 | 5.38 | 577 | 6.2 |
| 1996-97 | 9.98 | 7.87 | 788 | 5.3 |
| 1997-98 | 9.89 | 7.64 | 773 | 5.9 |
| 1998-99 | 9.30 | 6.96 | 748 | 7.0 |
| 1999-00 | 8.90 | 5.78 | 650 | 8.3 |
| 2000-01 | 9.83 | 6.76 | 688 | 8.0 |
| 2001-02 | 9.53 | 8.28 | 869 | 6.3 |
| 2002-03 | 7.74 | 4.72 | 610 | 9.0 |
| 2003-04 | 10.61 | 12.11 | 1141 | 6.3 |
| 2004-05 | 9.23 | 7.93 | 859 | 8.3 |
| 2005-06 | 9.58 | 7.68 | 802 | 8.9 |
| 2006-07 | 9.51 | 8.42 | 886 | 9.0 |
| 2007-08 | 9.57 | 9.97 | 1042 | 9.5 |
| 2008-09 | 8.75 | 8.89 | 1015 | 9.4 |
| 2009-10 | 8.90 | 6.51 | 731 | 8.6 |
| 2010-11 | 9.61 | 10.37 | 1079 | 8.3 |
| 2011-12 | 8.78 | 10.28 | 1171 | 8.5 |
| 2012-13 | 7.30 | 8.74 | 1198 | 9.1 |
| 2013-14 | 7.81 | 9.25 | 1184 | - |
| 2014-15* | 7.12 | 9.05 | 1272 | - |

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

Table 4.10 (b): Bajra: Area, Production and Yield during 2013-14 and 2014-15 in major Producing States alongwith coverage under Irrigation

| State | Area | 2014-15# | | Yield | Area | 2013-14 | | All - India | % to All - India | Area Under Irrigation(%) | Production Area - Million Hectares | Production | % to All - India | Yield |
|------------------|-------------|---------------|-------------|---------------|-------------|-------------|---------------|-------------|---------------------|-----------------------------|---------------------------------------|------------|---------------------|-------|
| | | (2) | (3) | | | (4) | (5) | | | | | | | |
| Rajasthan | 4.10 | 57.57 | 4.49 | 49.64 | 1097 | 4.43 | 56.77 | 3.63 | 39.21 | 818 | 3.3 | | | |
| Uttar Pradesh | 0.95 | 13.38 | 1.81 | 19.97 | 1899 | 0.92 | 11.77 | 1.87 | 20.19 | 2033 | 8.9 | | | |
| Gujarat | 0.46 | 6.42 | 0.73 | 8.09 | 1602 | 0.69 | 8.89 | 1.21 | 13.07 | 1742 | 22.2 | | | |
| Haryana | 0.38 | 5.38 | 0.67 | 7.40 | 1749 | 0.40 | 5.17 | 0.83 | 8.98 | 2057 | 41.6 | | | |
| Madhya Pradesh | 0.23 | 3.16 | 0.45 | 4.92 | 1978 | 0.19 | 2.42 | 0.38 | 4.10 | 2005 | 0.1 | | | |
| Maharashtra | 0.65 | 9.09 | 0.42 | 4.66 | 652 | 0.76 | 9.76 | 0.79 | 8.52 | 1034 | 5.0 | | | |
| Karnataka | 0.23 | 3.27 | 0.25 | 2.73 | 1060 | 0.28 | 3.59 | 0.33 | 3.58 | 1182 | 12.8 | | | |
| Tamil Nadu | 0.06 | 0.83 | 0.17 | 1.88 | 2881 | 0.05 | 0.69 | 0.12 | 1.26 | 2167 | 14.4 | | | |
| Andhra Pradesh | 0.04 | 0.55 | 0.05 | 0.52 | 1205 | 0.05 | 0.63 | 0.08 | 0.84 | 1592 | 23.6 | | | |
| Jammu & Kashmir | 0.02 | 0.21 | 0.00 | 0.04 | 267 | 0.01 | 0.18 | 0.01 | 0.09 | 571 | 4.1 | | | |
| Others | 0.01 | 0.14 | 0.01 | 0.15 | @ | 0.01 | 0.14 | 0.01 | 0.15 | @ | - | | | |
| All India | 7.12 | 100.00 | 9.05 | 100.00 | 1272 | 7.81 | 100.00 | 9.25 | 100.00 | 1184 | 9.1 | | | |

Source: Directorate of Economics & Statistics, DAC&FW

Note: States have been arranged in descending order of percentage share of production during 2014-15.
‘@’ - Since area/ production is low in individual states yield rate is not worked out.* Provisional
Fourth Advance Estimates.

Table 4.11(a): Maize: All-India Area, Production and Yield alongwith coverage under Irrigation

| Year | Area | Production | Yield | Area - Million Hectares |
|---------|------|------------|-------|-----------------------------|
| | | | | Production - Million Tonnes |
| (1) | (2) | (3) | (4) | Yield - Kg./Hectare |
| 1950-51 | 3.16 | 1.73 | 547 | 11.4 |
| 1951-52 | 3.31 | 2.08 | 627 | 16.4 |
| 1952-53 | 3.61 | 2.87 | 796 | 14.0 |
| 1953-54 | 3.87 | 3.04 | 785 | 11.5 |
| 1954-55 | 3.75 | 2.98 | 794 | 14.6 |
| 1955-56 | 3.70 | 2.60 | 704 | 11.8 |
| 1956-57 | 3.76 | 3.08 | 819 | 13.1 |
| 1957-58 | 4.08 | 3.15 | 772 | 13.4 |
| 1958-59 | 4.27 | 3.46 | 812 | 10.5 |
| 1959-60 | 4.34 | 4.07 | 938 | 9.9 |
| 1960-61 | 4.41 | 4.08 | 926 | 12.6 |
| 1961-62 | 4.51 | 4.31 | 957 | 9.5 |
| 1962-63 | 4.64 | 4.61 | 992 | 11.5 |
| 1963-64 | 4.58 | 4.56 | 995 | 11.4 |
| 1964-65 | 4.62 | 4.66 | 1010 | 12.1 |
| 1965-66 | 4.80 | 4.82 | 1005 | 16.1 |
| 1966-67 | 5.07 | 4.89 | 964 | 15.6 |
| 1967-68 | 5.58 | 6.27 | 1123 | 11.9 |
| 1968-69 | 5.72 | 5.70 | 997 | 19.5 |
| 1969-70 | 5.86 | 5.67 | 968 | 18.2 |
| 1970-71 | 5.85 | 7.49 | 1279 | 15.9 |
| 1971-72 | 5.67 | 5.10 | 900 | 14.3 |
| 1972-73 | 5.84 | 6.39 | 1094 | 18.8 |
| 1973-74 | 6.02 | 5.80 | 965 | 14.7 |
| 1974-75 | 5.86 | 5.56 | 948 | 21.0 |
| 1975-76 | 6.03 | 7.26 | 1203 | 16.2 |
| 1976-77 | 6.00 | 6.36 | 1060 | 17.7 |
| 1977-78 | 5.68 | 5.97 | 1051 | 16.3 |
| 1978-79 | 5.76 | 6.20 | 1076 | 16.3 |
| 1979-80 | 5.72 | 5.60 | 979 | 24.0 |
| 1980-81 | 6.01 | 6.96 | 1159 | 20.1 |
| 1981-82 | 5.94 | 6.90 | 1162 | 19.8 |
| 1982-83 | 5.72 | 6.55 | 1145 | 21.7 |

(Contd.)

Table 4.11(a) (*Contd.*)

| Year | Area | Production | Yield | Area Under Irrigation (%) |
|----------|------|------------|-------|---------------------------|
| (1) | (2) | (3) | (4) | (5) |
| 1983-84 | 5.86 | 7.92 | 1352 | 16.9 |
| 1984-85 | 5.80 | 8.44 | 1456 | 17.5 |
| 1985-86 | 5.80 | 6.64 | 1146 | 18.7 |
| 1986-87 | 5.92 | 7.59 | 1282 | 21.2 |
| 1987-88 | 5.56 | 5.72 | 1029 | 21.2 |
| 1988-89 | 5.90 | 8.23 | 1395 | 21.0 |
| 1989-90 | 5.92 | 9.65 | 1632 | 20.8 |
| 1990-91 | 5.90 | 8.96 | 1518 | 19.7 |
| 1991-92 | 5.86 | 8.06 | 1376 | 22.5 |
| 1992-93 | 5.96 | 9.99 | 1676 | 21.5 |
| 1993-94 | 6.00 | 9.60 | 1602 | 22.4 |
| 1994-95 | 6.14 | 8.88 | 1570 | 20.5 |
| 1995-96 | 5.98 | 9.53 | 1595 | 22.6 |
| 1996-97 | 6.26 | 10.77 | 1720 | 20.6 |
| 1997-98 | 6.32 | 10.82 | 1711 | 20.6 |
| 1998-99 | 6.20 | 11.15 | 1797 | 21.7 |
| 1999-00 | 6.42 | 11.51 | 1792 | 22.9 |
| 2000-01 | 6.61 | 12.04 | 1822 | 22.4 |
| 2001-02 | 6.58 | 13.16 | 2000 | 20.5 |
| 2002-03 | 6.64 | 11.15 | 1681 | 19.5 |
| 2003-04 | 7.34 | 14.98 | 2041 | 19.1 |
| 2004-05 | 7.43 | 14.17 | 1907 | 20.5 |
| 2005-06 | 7.59 | 14.71 | 1938 | 21.1 |
| 2006-07 | 7.89 | 15.10 | 1912 | 21.5 |
| 2007-08 | 8.12 | 18.96 | 2335 | 23.5 |
| 2008-09 | 8.17 | 19.73 | 2414 | 25.2 |
| 2009-10 | 8.26 | 16.72 | 2024 | 23.8 |
| 2010-11 | 8.55 | 21.73 | 2542 | 24.3 |
| 2011-12 | 8.78 | 21.76 | 2478 | 25.3 |
| 2012-13 | 8.67 | 22.26 | 2566 | 25.4 |
| 2013-14 | 9.07 | 24.26 | 2676 | - |
| 2014-15* | 9.26 | 23.67 | 2557 | - |

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

Table 4.11 (b): Maize: Area, Production and Yield during 2013-14 and 2014-15 in major Producing States alongwith coverage under Irrigation

| State | 2014-15# | | | 2013-14 | | | Area | | | | |
|------------------|-------------|---------------------|--------------|---------------------|-------------|-------------|---------------------|--------------|---------------------|-------------|-------------|
| | Area | % to All - India | Production | % to All - India | Yield | Area | % to All - India | Production | % to All - India | Area | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Andhra Pradesh | 1.00 | 10.75 | 4.24 | 17.89 | 4257 | 1.01 | 11.10 | 4.86 | 20.03 | 4831 | 49.5 |
| Karnataka | 1.34 | 14.48 | 3.91 | 16.53 | 2921 | 1.38 | 15.19 | 3.98 | 16.41 | 2890 | 36.0 |
| Maharashtra | 1.06 | 11.44 | 2.20 | 9.31 | 2080 | 1.00 | 11.04 | 2.73 | 11.25 | 2726 | 12.7 |
| Bihar | 0.71 | 7.71 | 2.18 | 9.20 | 3049 | 0.73 | 8.07 | 2.11 | 8.71 | 2885 | 65.2 |
| Madhya Pradesh | 1.13 | 12.23 | 2.03 | 8.56 | 1790 | 0.87 | 9.57 | 1.53 | 6.32 | 1767 | 2.1 |
| Tamil Nadu | 0.34 | 3.69 | 1.83 | 7.74 | 5360 | 0.35 | 3.81 | 1.86 | 7.65 | 5377 | 38.83 |
| Rajasthan | 0.90 | 9.77 | 1.60 | 6.76 | 1771 | 0.93 | 10.21 | 1.50 | 6.19 | 1622 | 0.9 |
| Uttar Pradesh | 0.71 | 7.69 | 1.28 | 5.39 | 1791 | 0.77 | 8.46 | 1.31 | 5.38 | 1703 | 37.4 |
| Himachal Pradesh | 0.30 | 3.24 | 0.75 | 3.18 | 2507 | 0.29 | 3.22 | 0.65 | 2.69 | 2233 | 8.9 |
| Gujarat | 0.42 | 4.57 | 0.67 | 2.84 | 1589 | 0.46 | 5.08 | 0.68 | 2.81 | 1477 | 12.5 |
| West Bengal | 0.15 | 1.62 | 0.65 | 2.75 | 4347 | 0.13 | 1.41 | 0.52 | 2.15 | 4078 | 14.6 |
| Jharkhand | 0.27 | 2.91 | 0.48 | 2.01 | 1766 | 0.26 | 2.82 | 0.52 | 2.13 | 2020 | 0.99 |
| Jammu & Kashmir | 0.31 | 3.33 | 0.46 | 1.95 | 1497 | 0.30 | 3.29 | 0.53 | 2.18 | 1779 | 9.4 |
| Punjab | 0.13 | 1.36 | 0.46 | 1.94 | 3651 | 0.13 | 1.43 | 0.51 | 2.09 | 3900 | 75.9 |
| Others | 0.48 | 5.22 | 0.94 | 3.95 | @ | 0.48 | 5.28 | 0.97 | 4.01 | @ | - |
| All India | 9.26 | 100.00 | 23.67 | 100.00 | 2557 | 9.07 | 100.00 | 24.26 | 100.00 | 2676 | 25.4 |

Source: Directorate of Economics & Statistics, DAC&FW

Note: States have been arranged in descending order of percentage share of production during 2014-15.
@ - Since area/ production is low in individual states, yield rate is not worked out.

* Provisional

Fourth Advance Estimates.

Table 4.12(a): Total Pulses: All-India Area, Production and Yield alongwith coverage under Irrigation

| Year | Area | Production | Yield | Area - Million Hectares |
|---------|-------|------------|-------|-----------------------------|
| | | | | Production - Million Tonnes |
| (1) | (2) | (3) | (4) | Yield - Kg./Hectare |
| 1950-51 | 19.09 | 8.41 | 441 | 9.4 |
| 1951-52 | 18.78 | 8.42 | 448 | 9.7 |
| 1952-53 | 19.84 | 9.19 | 463 | 9.8 |
| 1953-54 | 21.73 | 10.62 | 489 | 9.2 |
| 1954-55 | 21.91 | 10.95 | 500 | 8.8 |
| 1955-56 | 23.22 | 11.04 | 476 | 8.4 |
| 1956-57 | 23.32 | 11.55 | 495 | 7.3 |
| 1957-58 | 22.54 | 9.56 | 424 | 9.1 |
| 1958-59 | 24.31 | 13.15 | 541 | 8.4 |
| 1959-60 | 24.83 | 11.80 | 475 | 8.5 |
| 1960-61 | 23.56 | 12.70 | 539 | 8.0 |
| 1961-62 | 24.24 | 11.76 | 485 | 8.1 |
| 1962-63 | 24.27 | 11.53 | 475 | 8.9 |
| 1963-64 | 24.18 | 10.07 | 416 | 8.9 |
| 1964-65 | 23.88 | 12.42 | 520 | 9.2 |
| 1965-66 | 22.72 | 9.94 | 438 | 9.4 |
| 1966-67 | 22.12 | 8.35 | 377 | 10.9 |
| 1967-68 | 22.65 | 12.10 | 534 | 8.7 |
| 1968-69 | 21.26 | 10.42 | 490 | 9.8 |
| 1969-70 | 22.02 | 11.69 | 531 | 9.4 |
| 1970-71 | 22.54 | 11.82 | 524 | 8.8 |
| 1971-72 | 22.15 | 11.09 | 501 | 8.8 |
| 1972-73 | 20.92 | 9.91 | 474 | 8.1 |
| 1973-74 | 23.43 | 10.01 | 427 | 7.9 |
| 1974-75 | 22.03 | 10.02 | 455 | 8.1 |
| 1975-76 | 24.45 | 13.04 | 533 | 7.9 |
| 1976-77 | 22.98 | 11.36 | 494 | 7.5 |
| 1977-78 | 23.50 | 11.97 | 510 | 7.1 |
| 1978-79 | 23.66 | 12.18 | 515 | 7.9 |
| 1979-80 | 22.26 | 8.57 | 385 | 8.8 |
| 1980-81 | 22.46 | 10.63 | 473 | 9.0 |
| 1981-82 | 23.84 | 11.51 | 483 | 8.5 |
| 1982-83 | 22.83 | 11.86 | 519 | 8.2 |

(Contd.)

Table 4.12(a) (*Contd.*)

| Year | Area | Production | Yield | Area Under Irrigation(%) |
|----------|-------|------------|-------|--------------------------|
| (1) | (2) | (3) | (4) | (5) |
| 1983-84 | 23.54 | 12.89 | 548 | 7.5 |
| 1984-85 | 22.74 | 11.96 | 526 | 7.9 |
| 1985-86 | 24.42 | 13.36 | 547 | 8.5 |
| 1986-87 | 23.16 | 11.71 | 506 | 9.6 |
| 1987-88 | 21.27 | 10.96 | 515 | 9.4 |
| 1988-89 | 23.15 | 13.85 | 598 | 9.3 |
| 1989-90 | 23.41 | 12.86 | 549 | 10.0 |
| 1990-91 | 24.66 | 14.26 | 578 | 10.5 |
| 1991-92 | 22.54 | 12.02 | 533 | 10.7 |
| 1992-93 | 22.36 | 12.82 | 573 | 10.4 |
| 1993-94 | 22.25 | 13.30 | 598 | 11.3 |
| 1994-95 | 23.03 | 14.04 | 610 | 12.7 |
| 1995-96 | 22.28 | 12.31 | 552 | 12.9 |
| 1996-97 | 22.45 | 14.15 | 630 | 12.7 |
| 1997-98 | 22.87 | 12.97 | 567 | 11.3 |
| 1998-99 | 23.50 | 14.91 | 634 | 12.1 |
| 1999-00 | 21.12 | 13.42 | 635 | 16.1 |
| 2000-01 | 20.35 | 11.08 | 544 | 12.5 |
| 2001-02 | 22.01 | 13.37 | 607 | 13.3 |
| 2002-03 | 20.50 | 11.13 | 543 | 14.4 |
| 2003-04 | 23.46 | 14.91 | 635 | 13.6 |
| 2004-05 | 22.76 | 13.13 | 577 | 13.9 |
| 2005-06 | 22.39 | 13.38 | 598 | 15.0 |
| 2006-07 | 23.19 | 14.20 | 612 | 15.4 |
| 2007-08 | 23.63 | 14.76 | 625 | 16.2 |
| 2008-09 | 22.09 | 14.57 | 659 | 16.0 |
| 2009-10 | 23.28 | 14.66 | 630 | 16.2 |
| 2010-11 | 26.40 | 18.24 | 691 | 14.8 |
| 2011-12 | 24.46 | 17.09 | 699 | 16.1 |
| 2012-13 | 23.26 | 18.34 | 789 | 18.6 |
| 2013-14 | 25.21 | 19.25 | 764 | |
| 2014-15* | 23.10 | 17.19 | 744 | |

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

Table 4.12 (b): Total Pulses: Area, Production and Yield during 2013-14 and 2014-15 in major Producing States alongwith coverage under Irrigation

| State | 2014-15# | | | 2013-14 | | | Area - Million Hectares | | | | |
|------------------|---------------------|---------------------|-------------------|----------------------------|--------------|----------------------------|----------------------------|-------------------|---------------------|---------------|---------------------------------|
| | Area All - India | % to All - India | Production (4) | % to All - India (5) | Yield (6) | Area All - India (7) | % to All - India (8) | Production (9) | All - India (10) | Yield (11) | Under Irrigation(%) 2012-13* |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Madhya Pradesh | 5.36 | 23.22 | 4.70 | 27.36 | 877 | 5.40 | 21.40 | 4.64 | 24.12 | 861 | 38.5 |
| Rajasthan | 3.36 | 14.55 | 1.95 | 11.34 | 580 | 4.20 | 16.65 | 2.49 | 12.94 | 593 | 21.1 |
| Maharashtra | 3.14 | 13.59 | 1.74 | 10.10 | 553 | 3.95 | 15.68 | 3.17 | 16.46 | 802 | 9.2 |
| Karnataka | 2.31 | 10.00 | 1.49 | 8.66 | 644 | 2.50 | 9.91 | 1.60 | 8.31 | 641 | 7.6 |
| Uttar Pradesh | 2.34 | 10.14 | 1.45 | 8.42 | 618 | 2.31 | 9.14 | 1.70 | 8.82 | 736 | 23.8 |
| Andhra Pradesh | 1.45 | 6.28 | 1.16 | 6.72 | 797 | 1.67 | 6.63 | 1.55 | 8.05 | 927 | 2.2 |
| Chhattisgarh | 0.79 | 3.40 | 0.65 | 3.80 | 833 | 0.84 | 3.33 | 0.48 | 2.50 | 574 | 13.0 |
| Tamil Nadu | 0.94 | 4.07 | 0.65 | 3.76 | 689 | 0.82 | 3.23 | 0.61 | 3.18 | 752 | 9.3 |
| Jharkhand | 0.59 | 2.57 | 0.60 | 3.47 | 1005 | 0.57 | 2.25 | 0.58 | 3.00 | 1021 | 0.8 |
| Gujarat | 0.64 | 2.76 | 0.58 | 3.38 | 912 | 0.81 | 3.22 | 0.73 | 3.79 | 897 | 13.5 |
| Odisha | 0.83 | 3.61 | 0.44 | 2.56 | 528 | 0.78 | 3.09 | 0.42 | 2.18 | 537 | 5.8 |
| Bihar | 0.51 | 2.19 | 0.42 | 2.44 | 830 | 0.50 | 1.98 | 0.52 | 2.71 | 1046 | 16.2 |
| West Bengal | 0.25 | 1.07 | 0.18 | 1.02 | 711 | 0.29 | 1.13 | 0.24 | 1.25 | 843 | 23.4 |
| Haryana | 0.09 | 0.37 | 0.06 | 0.34 | 686 | 0.15 | 0.60 | 0.13 | 0.65 | 822 | 36.3 |
| Others | 0.51 | 2.19 | 1.14 | 6.61 | @ | 0.44 | 1.75 | 0.39 | 2.03 | @ | |
| All India | 23.10 | 100.00 | 17.19 | 100.00 | 744 | 25.21 | 100.00 | 19.25 | 100.00 | 764 | 18.6 |

Source: Directorate of Economics & Statistics, DAC&FW

Note: States have been arranged in descending order of percentage share of production during 2014-15.

'@ - Since area/ production is low in individual states, yield rate is not worked out.

* Provisional

Fourth Advance Estimates.

Table 4.13 (a): Gram: All-India Area, Production and Yield alongwith coverage under Irrigation

| Year | Area | Production | Yield | Area Under Irrigation(%) |
|---------|-------|------------|-------|--------------------------|
| (1) | (2) | (3) | (4) | (5) |
| 1950-51 | 7.57 | 3.65 | 482 | 12.5 |
| 1951-52 | 6.83 | 3.39 | 496 | 15.1 |
| 1952-53 | 7.26 | 4.21 | 580 | 14.6 |
| 1953-54 | 7.97 | 4.83 | 606 | 14.0 |
| 1954-55 | 9.25 | 5.62 | 608 | 12.8 |
| 1955-56 | 9.78 | 5.42 | 554 | 12.1 |
| 1956-57 | 9.67 | 6.23 | 644 | 10.8 |
| 1957-58 | 9.09 | 4.89 | 538 | 12.5 |
| 1958-59 | 10.08 | 7.02 | 697 | 12.0 |
| 1959-60 | 10.33 | 5.62 | 544 | 12.4 |
| 1960-61 | 9.28 | 6.25 | 674 | 11.9 |
| 1961-62 | 9.57 | 5.79 | 605 | 12.2 |
| 1962-63 | 9.19 | 5.36 | 583 | 13.7 |
| 1963-64 | 9.35 | 4.50 | 481 | 13.7 |
| 1964-65 | 8.87 | 5.78 | 651 | 15.8 |
| 1965-66 | 8.02 | 4.22 | 527 | 16.4 |
| 1966-67 | 8.00 | 3.62 | 453 | 18.8 |
| 1967-68 | 8.26 | 5.97 | 723 | 15.6 |
| 1968-69 | 7.11 | 4.31 | 607 | 18.8 |
| 1969-70 | 7.75 | 5.55 | 715 | 17.3 |
| 1970-71 | 7.84 | 5.20 | 663 | 15.6 |
| 1971-72 | 7.91 | 5.08 | 642 | 15.0 |
| 1972-73 | 6.97 | 4.54 | 651 | 15.6 |
| 1973-74 | 7.76 | 4.10 | 528 | 15.8 |
| 1974-75 | 7.04 | 4.02 | 570 | 17.8 |
| 1975-76 | 8.32 | 5.88 | 707 | 16.5 |
| 1976-77 | 7.97 | 5.42 | 680 | 15.2 |
| 1977-78 | 7.97 | 5.41 | 678 | 14.7 |
| 1978-79 | 7.71 | 5.74 | 745 | 15.6 |
| 1979-80 | 6.99 | 3.36 | 481 | 18.6 |
| 1980-81 | 6.58 | 4.33 | 657 | 20.6 |
| 1981-82 | 7.87 | 4.64 | 590 | 17.9 |
| 1982-83 | 7.40 | 5.29 | 715 | 15.6 |

(Contd.)

Table 4.13(a) (*Contd.*)

| Year | Area | Production | Yield | Area Under Irrigation(%) |
|----------|------|------------|-------|--------------------------|
| (1) | (2) | (3) | (4) | (5) |
| 1983-84 | 7.16 | 4.75 | 663 | 14.5 |
| 1984-85 | 6.91 | 4.56 | 661 | 14.8 |
| 1985-86 | 7.80 | 5.79 | 742 | 15.6 |
| 1986-87 | 6.98 | 4.53 | 649 | 19.4 |
| 1987-88 | 5.77 | 3.63 | 629 | 19.2 |
| 1988-89 | 6.81 | 5.13 | 753 | 18.3 |
| 1989-90 | 6.47 | 4.22 | 652 | 21.0 |
| 1990-91 | 7.52 | 5.36 | 712 | 20.5 |
| 1991-92 | 5.58 | 4.12 | 739 | 24.2 |
| 1992-93 | 6.45 | 4.42 | 684 | 22.0 |
| 1993-94 | 6.36 | 4.98 | 783 | 24.0 |
| 1994-95 | 7.54 | 6.44 | 853 | 25.3 |
| 1995-96 | 7.12 | 4.98 | 700 | 26.0 |
| 1996-97 | 6.85 | 5.57 | 813 | 25.1 |
| 1997-98 | 7.56 | 6.13 | 811 | 21.8 |
| 1998-99 | 8.47 | 6.80 | 803 | 21.0 |
| 1999-00 | 6.15 | 5.12 | 833 | 29.1 |
| 2000-01 | 5.19 | 3.86 | 744 | 30.9 |
| 2001-02 | 6.42 | 5.47 | 853 | 30.4 |
| 2002-03 | 5.91 | 4.24 | 717 | 32.1 |
| 2003-04 | 7.05 | 5.72 | 811 | 31.0 |
| 2004-05 | 6.71 | 5.47 | 815 | 31.4 |
| 2005-06 | 6.93 | 5.60 | 808 | 31.1 |
| 2006-07 | 7.49 | 6.33 | 845 | 31.7 |
| 2007-08 | 7.54 | 5.75 | 762 | 34.1 |
| 2008-09 | 7.89 | 7.06 | 895 | 33.6 |
| 2009-10 | 8.17 | 7.48 | 915 | 32.2 |
| 2010-11 | 9.19 | 8.22 | 894 | 29.7 |
| 2011-12 | 8.30 | 7.70 | 928 | 33.5 |
| 2012-13 | 8.52 | 8.83 | 1036 | 36.5 |
| 2013-14 | 9.93 | 9.53 | 960 | - |
| 2014-15* | 8.19 | 7.17 | 875 | - |

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

Table 4.13 (b): Gram: Area, Production and Yield during 2013-14 and 2014-15 in major Producing States alongwith coverage under Irrigation

| State | 2014-15# | | | 2013-14 | | | Area - Million Hectares | | | Production - Million Tonnes | | |
|------------------|-------------|------------------|-------------|------------------|------------|-------------|-------------------------|-------------|------------------|-----------------------------|-------------|------------------------------|
| | Area | % to All - India | Production | % to All - India | Yield | Area | % to All - India | Production | % to All - India | Yield | Area | Under Irrigation(%) 2012-13* |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | |
| Madhya Pradesh | 2.85 | 34.83 | 2.96 | 41.34 | 1039 | 3.16 | 31.83 | 3.30 | 34.63 | 1044 | 57.9 | |
| Rajasthan | 1.26 | 15.33 | 0.91 | 12.69 | 725 | 1.92 | 19.37 | 1.64 | 17.22 | 853 | 49.2 | |
| Maharashtra | 1.35 | 16.46 | 0.83 | 11.56 | 615 | 1.82 | 18.33 | 1.62 | 17.01 | 890 | 24.2 | |
| Karnataka | 0.95 | 11.54 | 0.77 | 10.73 | 814 | 0.95 | 953 | 0.72 | 7.52 | 757 | 12.2 | |
| Andhra Pradesh | 0.40 | 4.90 | 0.46 | 6.43 | 1150 | 0.59 | 5.90 | 0.84 | 8.85 | 1439 | 1.7 | |
| Uttar Pradesh | 0.56 | 6.81 | 0.38 | 5.31 | 683 | 0.58 | 5.81 | 0.48 | 4.99 | 823 | 17.6 | |
| Chhattisgarh | 0.28 | 3.42 | 0.29 | 4.05 | 1036 | 0.28 | 2.78 | 0.21 | 2.24 | 772 | 40.5 | |
| Gujarat | 0.17 | 2.08 | 0.19 | 2.68 | 1129 | 0.25 | 2.49 | 0.31 | 3.24 | 1221 | 43.8 | |
| Bihar | 0.06 | 0.76 | 0.06 | 0.84 | 968 | 0.06 | 0.61 | 0.07 | 0.78 | 1213 | 9.5 | |
| Haryana | 0.07 | 0.82 | 0.04 | 0.61 | 657 | 0.08 | 0.84 | 0.08 | 0.79 | 904 | 18.9 | |
| Odisha | 0.05 | 0.57 | 0.04 | 0.50 | 766 | 0.05 | 0.47 | 0.04 | 0.38 | 766 | - | |
| West Bengal | 0.03 | 0.33 | 0.03 | 0.45 | 1185 | 0.02 | 0.24 | 0.03 | 0.30 | 1208 | 30.6 | |
| Others | 0.18 | 2.16 | 0.20 | 2.80 | @ | 0.18 | 1.78 | 0.20 | 2.07 | @ | - | |
| All India | 8.19 | 100.00 | 7.17 | 100.00 | 875 | 9.93 | 100.00 | 9.53 | 100.00 | 960 | 36.5 | |

Source: Directorate of Economics & Statistics, DAC&FW

Note: States have been arranged in descending order of percentage share of production during 2014-15.

‘@ - Since area/ production is low in individual states, yield rate is not worked out.

*Provisional

Fourth Advance Estimates.

Table 4.14(a): Tur (Arhar): All-India Area, Production and Yield alongwith coverage under Irrigation

| Year | Area | Production | Yield | Area - Million Hectares |
|---------|------|------------|-------|-----------------------------|
| | | | | Production - Million Tonnes |
| (1) | (2) | (3) | (4) | Yield - Kg./Hectare |
| 1950-51 | 2.18 | 1.72 | 788 | 0.5 |
| 1951-52 | 2.45 | 1.83 | 748 | 0.5 |
| 1952-53 | 2.40 | 1.70 | 709 | 0.6 |
| 1953-54 | 2.40 | 1.86 | 775 | 0.6 |
| 1954-55 | 2.40 | 1.72 | 715 | 0.5 |
| 1955-56 | 2.29 | 1.86 | 814 | 0.4 |
| 1956-57 | 2.29 | 1.99 | 867 | 0.3 |
| 1957-58 | 2.36 | 1.48 | 625 | 0.5 |
| 1958-59 | 2.47 | 1.70 | 688 | 0.5 |
| 1959-60 | 2.43 | 1.70 | 700 | 0.5 |
| 1960-61 | 2.43 | 2.07 | 849 | 0.5 |
| 1961-62 | 2.45 | 1.37 | 559 | 0.5 |
| 1962-63 | 2.45 | 1.58 | 645 | 0.4 |
| 1963-64 | 2.52 | 1.38 | 549 | 0.4 |
| 1964-65 | 2.58 | 1.89 | 733 | 0.5 |
| 1965-66 | 2.56 | 1.73 | 678 | 0.4 |
| 1966-67 | 2.52 | 1.13 | 448 | 0.7 |
| 1967-68 | 2.67 | 1.74 | 653 | 0.5 |
| 1968-69 | 2.53 | 1.82 | 718 | 0.5 |
| 1969-70 | 2.67 | 1.84 | 690 | 0.3 |
| 1970-71 | 2.66 | 1.88 | 709 | 0.3 |
| 1971-72 | 2.35 | 1.68 | 718 | 0.3 |
| 1972-73 | 2.42 | 1.93 | 795 | 0.4 |
| 1973-74 | 2.65 | 1.41 | 532 | 0.4 |
| 1974-75 | 2.53 | 1.83 | 725 | 0.5 |
| 1975-76 | 2.67 | 2.10 | 786 | 0.4 |
| 1976-77 | 2.57 | 1.73 | 672 | 0.5 |
| 1977-78 | 2.63 | 1.93 | 735 | 0.5 |
| 1978-79 | 2.64 | 1.89 | 716 | 0.8 |
| 1979-80 | 2.73 | 1.76 | 643 | 1.8 |
| 1980-81 | 2.84 | 1.96 | 689 | 2.6 |
| 1981-82 | 3.00 | 2.24 | 745 | 2.1 |
| 1982-83 | 2.93 | 1.99 | 680 | 2.4 |

(Contd.)

Table 4.14(a) (*Contd.*)

| Year | Area | Production | Yield | Area Under Irrigation(%) |
|----------|------|------------|-------|--------------------------|
| (1) | (2) | (3) | (4) | (5) |
| 1983-84 | 3.22 | 2.58 | 801 | 3.0 |
| 1984-85 | 3.16 | 2.58 | 819 | 3.9 |
| 1985-86 | 3.18 | 2.44 | 767 | 4.3 |
| 1986-87 | 3.15 | 2.27 | 722 | 4.2 |
| 1987-88 | 3.33 | 2.28 | 685 | 4.9 |
| 1988-89 | 3.49 | 2.72 | 779 | 4.7 |
| 1989-90 | 3.60 | 2.75 | 763 | 5.1 |
| 1990-91 | 3.59 | 2.41 | 673 | 5.5 |
| 1991-92 | 3.63 | 2.13 | 588 | 5.2 |
| 1992-93 | 3.58 | 2.33 | 652 | 4.9 |
| 1993-94 | 3.53 | 2.69 | 762 | 5.0 |
| 1994-95 | 3.31 | 2.14 | 644 | 5.5 |
| 1995-96 | 3.45 | 2.31 | 670 | 5.2 |
| 1996-97 | 3.51 | 2.66 | 756 | 5.4 |
| 1997-98 | 3.36 | 1.85 | 551 | 5.5 |
| 1998-99 | 3.44 | 2.71 | 787 | 4.2 |
| 1999-00 | 3.43 | 2.69 | 786 | 4.4 |
| 2000-01 | 3.63 | 2.25 | 618 | 4.2 |
| 2001-02 | 3.33 | 2.26 | 679 | 4.7 |
| 2002-03 | 3.36 | 2.19 | 651 | 4.6 |
| 2003-04 | 3.52 | 2.36 | 670 | 4.7 |
| 2004-05 | 3.52 | 2.35 | 667 | 4.4 |
| 2005-06 | 3.58 | 2.74 | 765 | 4.4 |
| 2006-07 | 3.56 | 2.31 | 650 | 4.7 |
| 2007-08 | 3.73 | 3.08 | 826 | 4.4 |
| 2008-09 | 3.38 | 2.27 | 671 | 4.5 |
| 2009-10 | 3.47 | 2.46 | 711 | 4.5 |
| 2010-11 | 4.37 | 2.86 | 654 | 4.0 |
| 2011-12 | 4.01 | 2.65 | 661 | 3.9 |
| 2012-13 | 3.89 | 3.02 | 776 | 3.9 |
| 2013-14 | 3.90 | 3.17 | 813 | - |
| 2014-15* | 3.71 | 2.78 | 750 | - |

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

Table 4.14 (b): Tur (Arhar): Area, Production and Yield during 2013-14 and 2014-15 in major Producing States alongwith coverage under Irrigation

| State | Area All - India | 2014-15# | | | 2013-14 | | | Area All - India | Area All - India | Area All - India | Under Irrigation(%) 2012-13* |
|------------------|---------------------|---------------------|-------------|---------------------|------------|-------------|---------------------|---------------------|---------------------|---------------------|---------------------------------|
| | | % to All - India | Production | % to All - India | Yield | Area | % to All - India | Production | Yield | | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Maharashtra | 1.04 | 27.97 | 0.66 | 23.89 | 640 | 1.14 | 29.23 | 1.03 | 32.58 | 906 | 1.5 |
| Madhya Pradesh | 0.52 | 14.05 | 0.51 | 18.39 | 981 | 0.46 | 11.89 | 0.33 | 10.46 | 716 | 1.6 |
| Karnataka | 0.73 | 19.64 | 0.48 | 17.24 | 658 | 0.82 | 21.11 | 0.59 | 18.49 | 712 | 5.1 |
| Gujarat | 0.23 | 6.18 | 0.26 | 9.28 | 1127 | 0.21 | 5.38 | 0.21 | 6.58 | 995 | 7.5 |
| Jharkhand | 0.20 | 5.26 | 0.20 | 7.16 | 1021 | 0.20 | 5.02 | 0.21 | 6.62 | 1071 | 0.5 |
| Andhra Pradesh | 0.37 | 10.04 | 0.18 | 6.59 | 492 | 0.45 | 11.48 | 0.24 | 7.66 | 542 | 0.5 |
| Uttar Pradesh | 0.29 | 7.74 | 0.17 | 6.26 | 606 | 0.30 | 7.71 | 0.27 | 8.54 | 900 | 0.9 |
| Odisha | 0.14 | 3.70 | 0.12 | 4.43 | 898 | 0.14 | 3.53 | 0.12 | 3.91 | 899 | - |
| Tamil Nadu | 0.08 | 2.16 | 0.08 | 2.95 | 1025 | 0.06 | 1.51 | 0.06 | 1.80 | 966 | 9.3 |
| Bihar | 0.02 | 0.59 | 0.03 | 1.15 | 1455 | 0.02 | 0.54 | 0.04 | 1.13 | 1714 | 1.5 |
| Others | 0.10 | 2.67 | 0.07 | 2.66 | @ | 0.10 | 2.61 | 0.07 | 2.24 | @ | - |
| All-India | 3.71 | 100.00 | 2.78 | 100.00 | 750 | 3.90 | 100.00 | 3.17 | 100.00 | 813 | 3.9 |

Source: Directorate of Economics & Statistics, DAC&FW

Note: States have been arranged in descending order of percentage share of production during 2014-15.

`@ - Since area/ production is low in individual states, yield rate is not worked out.

* Provisional

Fourth Advance Estimates.

Table 4.15(a): Lentil (Masur): All-India Area, Production and Yield

| Year | Area | Production | Yield |
|---------|------|------------|-------|
| (1) | (2) | (3) | (4) |
| 1970-71 | 0.75 | 0.37 | 497 |
| 1971-72 | 0.63 | 0.30 | 481 |
| 1972-73 | 0.83 | 0.37 | 447 |
| 1973-74 | 0.93 | 0.41 | 440 |
| 1974-75 | 0.95 | 0.46 | 480 |
| 1975-76 | 0.94 | 0.46 | 492 |
| 1976-77 | 0.85 | 0.39 | 461 |
| 1977-78 | 0.88 | 0.38 | 436 |
| 1978-79 | 1.01 | 0.45 | 443 |
| 1979-80 | 0.85 | 0.32 | 377 |
| 1980-81 | 0.93 | 0.47 | 498 |
| 1981-82 | 0.95 | 0.50 | 525 |
| 1982-83 | 1.00 | 0.49 | 491 |
| 1983-84 | 0.94 | 0.53 | 566 |
| 1984-85 | 0.98 | 0.55 | 557 |
| 1985-86 | 1.09 | 0.66 | 607 |
| 1986-87 | 1.09 | 0.66 | 607 |
| 1987-88 | 1.04 | 0.66 | 635 |
| 1988-89 | 1.08 | 0.73 | 679 |
| 1989-90 | 1.11 | 0.71 | 635 |
| 1990-91 | 1.19 | 0.85 | 717 |
| 1991-92 | 1.19 | 0.80 | 674 |
| 1992-93 | 1.20 | 0.79 | 657 |
| 1993-94 | 1.18 | 0.75 | 632 |
| 1994-95 | 1.16 | 0.78 | 678 |
| 1995-96 | 1.26 | 0.71 | 569 |
| 1996-97 | 1.37 | 0.96 | 702 |
| 1997-98 | 1.29 | 0.80 | 623 |
| 1998-99 | 1.39 | 0.94 | 675 |
| 1999-00 | 1.46 | 1.08 | 738 |
| 2000-01 | 1.48 | 0.92 | 619 |
| 2001-02 | 1.47 | 0.97 | 664 |
| 2002-03 | 1.38 | 0.87 | 634 |
| 2003-04 | 1.40 | 1.04 | 743 |

(Contd.)

Table 4.15(a) (*Contd.*)

| Year | Area | Production | Yield |
|---------|------|------------|-------|
| (1) | (2) | (3) | (4) |
| 2004-05 | 1.47 | 0.99 | 675 |
| 2005-06 | 1.51 | 0.95 | 629 |
| 2006-07 | 1.47 | 0.91 | 621 |
| 2007-08 | 1.31 | 0.81 | 622 |
| 2008-09 | 1.38 | 0.95 | 693 |
| 2009-10 | 1.48 | 1.03 | 697 |
| 2010-11 | 1.60 | 0.94 | 591 |
| 2011-12 | 1.56 | 1.06 | 678 |
| 2012-13 | 1.42 | 1.13 | 797 |
| 2013-14 | 1.34 | 1.02 | 758 |

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

Table 4.15 (b): Linseed (Masur): Area, Production and Yield during 2012-13 and 2013-14 in major Producing States

| State | 2013-14 | | | 2012-13 | | | | | | | |
|------------------|-------------|----------------------------|-------------------|----------------------------|--------------|-------------|----------------------------|-------------------|----------------------------|---------------|-----------------------------|
| | Area (1) | % to All - India (2) | Production (3) | % to All - India (4) | Yield (5) | Area (6) | % to All - India (7) | Production (8) | % to All - India (9) | Yield (10) | % to All - India (11) |
| Madhya Pradesh | 0.53 | 39.52 | 0.34 | 33.24 | 638 | 0.57 | 40.06 | 0.33 | 29.37 | 584 | |
| Uttar Pradesh | 0.45 | 33.48 | 0.31 | 30.48 | 690 | 0.50 | 34.79 | 0.44 | 38.89 | 891 | |
| Bihar | 0.15 | 11.48 | 0.20 | 19.27 | 1273 | 0.16 | 11.17 | 0.18 | 16.14 | 1151 | |
| West Bengal | 0.07 | 4.88 | 0.06 | 6.18 | 959 | 0.06 | 4.50 | 0.06 | 5.42 | 961 | |
| Rajasthan | 0.03 | 2.56 | 0.03 | 2.87 | 851 | 0.03 | 1.94 | 0.03 | 2.56 | 1051 | |
| Assam | 0.03 | 2.24 | 0.02 | 2.20 | 747 | 0.03 | 2.03 | 0.02 | 1.50 | 588 | |
| Others | 0.08 | 5.83 | 0.06 | 5.76 | @ | 0.08 | 5.52 | 0.07 | 6.13 | @ | |
| All-India | 1.34 | 100.00 | 1.02 | 100.00 | 758 | 1.42 | 100.00 | 1.13 | 100.00 | 797 | |

Source: Directorate of Economics & Statistics, DAC&FW

Note: States have been arranged in descending order of percentage share of production during 2013-14.

@ - Since area/ production is low in individual states, yield rate is not worked out.

Table 4.16(a): Nine Oilseeds: All-India Area, Production and Yield alongwith coverage under Irrigation
 Area - Million Hectares
 Production - Million Tonnes
 Yield - Kg./Hectare

| Year | Area | Production | Yield | Area Under Irrigation(%) |
|---------|-------|------------|-------|--------------------------|
| (1) | (2) | (3) | (4) | (5) |
| 1950-51 | 10.73 | 5.16 | 481 | NA |
| 1951-52 | 11.69 | 5.03 | 430 | NA |
| 1952-53 | 11.18 | 4.73 | 424 | 0.8 |
| 1953-54 | 10.99 | 5.37 | 488 | 1.0 |
| 1954-55 | 12.52 | 6.40 | 511 | 1.1 |
| 1955-56 | 12.09 | 5.73 | 474 | 2.4 |
| 1956-57 | 12.49 | 6.36 | 509 | 2.7 |
| 1957-58 | 12.66 | 6.35 | 502 | 3.5 |
| 1958-59 | 13.00 | 7.30 | 561 | 3.2 |
| 1959-60 | 13.95 | 6.56 | 470 | 3.1 |
| 1960-61 | 13.77 | 6.98 | 507 | 3.3 |
| 1961-62 | 14.77 | 7.28 | 493 | 3.6 |
| 1962-63 | 15.34 | 7.39 | 482 | 3.3 |
| 1963-64 | 14.82 | 7.13 | 481 | 3.7 |
| 1964-65 | 15.26 | 8.56 | 561 | 3.4 |
| 1965-66 | 15.25 | 6.40 | 419 | 3.7 |
| 1966-67 | 15.00 | 6.43 | 428 | 5.1 |
| 1967-68 | 15.67 | 8.30 | 530 | 5.0 |
| 1968-69 | 14.47 | 6.85 | 473 | 4.8 |
| 1969-70 | 14.81 | 7.73 | 522 | 6.1 |
| 1970-71 | 16.64 | 9.63 | 579 | 7.4 |
| 1971-72 | 17.27 | 9.08 | 526 | 7.7 |
| 1972-73 | 15.79 | 7.14 | 452 | 7.2 |
| 1973-74 | 16.90 | 9.39 | 555 | 8.8 |
| 1974-75 | 17.31 | 9.15 | 529 | 9.2 |
| 1975-76 | 16.92 | 10.61 | 627 | 7.9 |
| 1976-77 | 16.47 | 8.43 | 512 | 7.6 |
| 1977-78 | 17.17 | 9.66 | 563 | 10.4 |
| 1978-79 | 17.71 | 10.10 | 570 | 11.0 |
| 1979-80 | 16.94 | 8.74 | 516 | 12.6 |
| 1980-81 | 17.60 | 9.37 | 532 | 14.5 |
| 1981-82 | 18.91 | 12.08 | 639 | 15.4 |
| 1982-83 | 17.76 | 10.00 | 563 | 15.6 |
| 1983-84 | 18.69 | 12.69 | 679 | 17.0 |
| 1984-85 | 18.92 | 12.95 | 684 | 19.6 |
| 1985-86 | 19.02 | 10.83 | 570 | 17.3 |
| 1986-87 | 18.63 | 11.27 | 605 | 17.9 |

(Contd.)

Table 4.16(a) (*Contd.*)

| Year | Area | Production | Yield | Area Under Irrigation(%) |
|----------|-------|------------|-------|--------------------------|
| (1) | (2) | (3) | (4) | (5) |
| 1987-88 | 20.13 | 12.65 | 629 | 20.6 |
| 1988-89 | 21.90 | 18.03 | 824 | 22.3 |
| 1989-90 | 22.80 | 16.92 | 742 | 22.1 |
| 1990-91 | 24.15 | 18.61 | 771 | 22.9 |
| 1991-92 | 25.89 | 18.60 | 719 | 25.5 |
| 1992-93 | 25.24 | 20.11 | 797 | 24.1 |
| 1993-94 | 26.90 | 21.50 | 799 | 22.8 |
| 1994-95 | 25.30 | 21.34 | 843 | 25.0 |
| 1995-96 | 25.96 | 22.11 | 851 | 26.0 |
| 1996-97 | 26.31 | 24.38 | 927 | 26.3 |
| 1997-98 | 26.09 | 21.32 | 817 | 24.3 |
| 1998-99 | 26.20 | 24.75 | 945 | 23.2 |
| 1999-00 | 24.26 | 20.71 | 854 | 25.2 |
| 2000-01 | 22.77 | 18.44 | 810 | 23.0 |
| 2001-02 | 22.64 | 20.66 | 913 | 24.3 |
| 2002-03 | 21.49 | 14.84 | 691 | 22.7 |
| 2003-04 | 23.66 | 25.19 | 1064 | 24.5 |
| 2004-05 | 27.52 | 24.35 | 885 | 26.6 |
| 2005-06 | 27.86 | 27.98 | 1004 | 28.0 |
| 2006-07 | 26.51 | 24.29 | 916 | 28.3 |
| 2007-08 | 26.69 | 29.76 | 1115 | 27.1 |
| 2008-09 | 27.56 | 27.72 | 1006 | 27.1 |
| 2009-10 | 25.96 | 24.88 | 958 | 25.9 |
| 2010-11 | 27.22 | 32.48 | 1193 | 25.1 |
| 2011-12 | 26.31 | 29.80 | 1133 | 27.6 |
| 2012-13 | 26.48 | 30.94 | 1168 | 28.3 |
| 2013-14 | 28.05 | 32.75 | 1168 | |
| 2014-15* | 25.73 | 26.67 | 1037 | |

Source: Directorate of Economics & Statistics, DAC&FW

Note: 1. Data for 1950-51 to 1969-70 relate to total of five major oilseeds viz. groundnut, 'castorseed, sesamum, rapeseed & mustard and linseed. After 1969-70 data also included 'soyabean, Sunflower, Nigerseed and Saflower.

* 4th Advance Estimates.

NA-Not available

Table 4.16 (b): Nine Oilseeds: Area, Production and Yield during 2003-14 and 2014-15 in major Producing States alongwith coverage under Irrigation

Area - Million Hectares
Production - Million Tonnes
Yield - Kg./Hectare

| State | 2014-15# | | | 2013-14 | | | Area | | | | |
|------------------|--------------|------------------|--------------|------------------|-------------|--------------|------------------|--------------|------------------|------------------------------|-------------|
| | Area | % to All - India | Production | % to All - India | Yield | Area | % to All - India | Production | % to All - India | Under Irrigation(%) 2012-13* | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Madhya Pradesh | 7.09 | 27.54 | 7.72 | 28.96 | 1090 | 7.73 | 27.57 | 6.63 | 20.24 | 857 | 5.5 |
| Rajasthan | 4.46 | 17.34 | 5.32 | 19.94 | 1192 | 5.27 | 18.80 | 6.03 | 18.42 | 1144 | 60.4 |
| Gujarat | 2.57 | 9.99 | 3.98 | 14.93 | 1550 | 3.08 | 10.98 | 6.87 | 20.98 | 2231 | 31.3 |
| Maharashtra | 4.31 | 16.75 | 2.83 | 10.62 | 658 | 4.15 | 14.79 | 5.29 | 16.15 | 1275 | 3.2 |
| Andhra Pradesh | 1.57 | 6.10 | 1.22 | 4.57 | 778 | 2.03 | 7.24 | 1.89 | 5.76 | 929 | 25.6 |
| Karnataka | 1.36 | 5.29 | 1.05 | 3.94 | 773 | 1.41 | 5.03 | 1.16 | 3.54 | 823 | 30.7 |
| Tamil Nadu | 0.42 | 1.63 | 0.96 | 3.60 | 2294 | 0.41 | 1.45 | 0.96 | 2.93 | 2553 | 64.1 |
| West Bengal | 0.78 | 3.03 | 0.93 | 3.49 | 1194 | 0.77 | 2.75 | 0.91 | 2.78 | 1181 | 82.5 |
| Uttar Pradesh | 1.13 | 4.38 | 0.79 | 2.95 | 698 | 1.11 | 3.94 | 0.90 | 2.73 | 809 | 50.8 |
| Haryana | 0.51 | 1.99 | 0.72 | 2.71 | 1415 | 0.55 | 1.96 | 0.90 | 2.75 | 1638 | 80.8 |
| Assam | 0.30 | 1.15 | 0.19 | 0.70 | 626 | 0.31 | 1.09 | 0.19 | 0.57 | 610 | 0.4 |
| Odisha | 0.21 | 0.82 | 0.15 | 0.55 | 692 | 0.22 | 0.80 | 0.17 | 0.51 | 753 | 17.3 |
| Bihar | 0.12 | 0.48 | 0.13 | 0.49 | 1056 | 0.12 | 0.43 | 0.15 | 0.45 | 1197 | 57.0 |
| Punjab | 0.07 | 0.28 | 0.08 | 0.29 | 1068 | 0.05 | 0.17 | 0.06 | 0.20 | 1333 | 88.0 |
| Others | 0.83 | 3.23 | 0.60 | 2.26 | @ | 0.85 | 3.02 | 0.65 | 2.00 | @ | - |
| All India | 25.73 | 100.00 | 26.67 | 100.00 | 1037 | 28.05 | 100.00 | 32.75 | 100.00 | 1168 | 28.3 |

Source: Directorate of Economics & Statistics, DAC&FW

Note: States have been arranged in descending order of percentage share of production during 2014-15.

* Since area/ production is low in individual states, yield rate is not worked out.

Provisional

Fourth Advance Estimates.

Table 4.17(a): Groundnut: All-India Area, Production and Yield alongwith coverage under Irrigation

| Year | Area | Production | Yield | Area - Million Hectares |
|---------|------|------------|-------|-----------------------------|
| | | | | Production - Million Tonnes |
| (1) | (2) | (3) | (4) | Yield - Kg./Hectare |
| 1950-51 | 4.49 | 3.48 | 775 | NA |
| 1951-52 | 4.92 | 3.19 | 649 | NA |
| 1952-53 | 4.80 | 2.93 | 611 | 1.2 |
| 1953-54 | 4.25 | 3.45 | 811 | 1.5 |
| 1954-55 | 5.54 | 4.25 | 766 | 1.7 |
| 1955-56 | 5.13 | 3.86 | 752 | 1.7 |
| 1956-57 | 5.53 | 4.37 | 783 | 1.8 |
| 1957-58 | 6.42 | 4.71 | 734 | 2.9 |
| 1958-59 | 6.25 | 5.18 | 828 | 2.5 |
| 1959-60 | 6.44 | 4.56 | 708 | 2.5 |
| 1960-61 | 6.46 | 4.81 | 745 | 3.0 |
| 1961-62 | 6.89 | 4.99 | 725 | 3.4 |
| 1962-63 | 7.28 | 5.06 | 695 | 2.6 |
| 1963-64 | 6.89 | 5.30 | 769 | 3.0 |
| 1964-65 | 7.38 | 6.00 | 814 | 2.9 |
| 1965-66 | 7.70 | 4.26 | 554 | 3.4 |
| 1966-67 | 7.30 | 4.41 | 604 | 4.8 |
| 1967-68 | 7.55 | 5.73 | 759 | 5.4 |
| 1968-69 | 7.09 | 4.63 | 653 | 5.1 |
| 1969-70 | 7.13 | 5.13 | 720 | 5.8 |
| 1970-71 | 7.33 | 6.11 | 834 | 7.5 |
| 1971-72 | 7.51 | 6.18 | 823 | 7.3 |
| 1972-73 | 6.99 | 4.09 | 585 | 6.6 |
| 1973-74 | 7.02 | 5.93 | 845 | 9.1 |
| 1974-75 | 7.06 | 5.11 | 724 | 8.2 |
| 1975-76 | 7.22 | 6.76 | 935 | 6.9 |
| 1976-77 | 7.04 | 5.26 | 747 | 5.9 |
| 1977-78 | 7.03 | 6.09 | 866 | 8.1 |
| 1978-79 | 7.43 | 6.21 | 835 | 9.6 |
| 1979-80 | 7.17 | 5.77 | 805 | 12.1 |
| 1980-81 | 6.80 | 5.01 | 736 | 13.3 |
| 1981-82 | 7.43 | 7.22 | 972 | 14.2 |
| 1982-83 | 7.22 | 5.28 | 732 | 14.8 |
| 1983-84 | 7.54 | 7.09 | 940 | 16.0 |
| 1984-85 | 7.17 | 6.44 | 898 | 16.1 |

(Contd.)

Table 4.17(a) (*Contd.*)

| Year | Area | Production | Yield | Area Under Irrigation(%) |
|----------|------|------------|-------|--------------------------|
| (1) | (2) | (3) | (4) | (5) |
| 1985-86 | 7.12 | 5.12 | 719 | 14.8 |
| 1986-87 | 6.98 | 5.88 | 841 | 15.1 |
| 1987-88 | 6.84 | 5.85 | 855 | 19.0 |
| 1988-89 | 8.53 | 9.66 | 1132 | 18.6 |
| 1989-90 | 8.71 | 8.10 | 930 | 17.0 |
| 1990-91 | 8.31 | 7.51 | 904 | 18.6 |
| 1991-92 | 8.67 | 7.09 | 818 | 19.1 |
| 1992-93 | 8.17 | 8.56 | 1049 | 19.7 |
| 1993-94 | 8.32 | 7.83 | 941 | 19.4 |
| 1994-95 | 7.85 | 8.06 | 1027 | 19.9 |
| 1995-96 | 7.52 | 7.58 | 1007 | 18.1 |
| 1996-97 | 7.60 | 8.64 | 1138 | 17.9 |
| 1997-98 | 7.09 | 7.37 | 1040 | 19.5 |
| 1998-99 | 7.40 | 8.98 | 1214 | 19.4 |
| 1999-00 | 6.87 | 5.25 | 764 | 19.0 |
| 2000-01 | 6.56 | 6.41 | 977 | 17.6 |
| 2001-02 | 6.24 | 7.03 | 1127 | 17.3 |
| 2002-03 | 5.94 | 4.12 | 694 | 16.5 |
| 2003-04 | 5.99 | 8.13 | 1357 | 16.6 |
| 2004-05 | 6.64 | 6.77 | 1020 | 17.8 |
| 2005-06 | 6.74 | 7.99 | 1187 | 19.6 |
| 2006-07 | 5.62 | 4.86 | 866 | 19.8 |
| 2007-08 | 6.29 | 9.18 | 1459 | 20.3 |
| 2008-09 | 6.16 | 7.17 | 1163 | 20.9 |
| 2009-10 | 5.48 | 5.43 | 991 | 24.3 |
| 2010-11 | 5.86 | 8.26 | 1411 | 22.4 |
| 2011-12 | 5.26 | 6.96 | 1323 | 24.3 |
| 2012-13 | 4.72 | 4.70 | 995 | 26.0 |
| 2013-14 | 5.51 | 9.71 | 1764 | - |
| 2014-15* | 4.68 | 6.56 | 1400 | - |

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

NA-Not available

Table 4.17 (b): Groundnut Area, Production and Yield during 2013-14 and 2014-15 in major Producing States alongwith coverage under Irrigation

| State | Area All - India | 2014-15# | | Yield All - India | Area All - India | 2013-14 | | Yield All - India | Area All - India | Under Irrigation (%) 2012-13* |
|------------------|---------------------|---------------|-------------|----------------------|---------------------|-------------|---------------|----------------------|---------------------|----------------------------------|
| | | (2) | (3) | | | (5) | (6) | | | |
| Gujarat | 1.40 | 29.93 | 2.22 | 33.90 | 1586 | 1.84 | 33.48 | 4.92 | 50.62 | 2668 |
| Tamil Nadu | 0.34 | 7.15 | 0.90 | 13.79 | 2699 | 0.34 | 6.10 | 0.92 | 9.42 | 2723 |
| Andhra Pradesh | 1.03 | 21.97 | 0.79 | 12.09 | 771 | 1.39 | 25.18 | 1.24 | 12.73 | 892 |
| Karnataka | 0.65 | 13.81 | 0.56 | 8.59 | 870 | 0.66 | 11.90 | 0.57 | 5.82 | 863 |
| Madhya Pradesh | 0.23 | 4.93 | 0.37 | 5.64 | 1602 | 0.21 | 3.74 | 0.32 | 3.34 | 1573 |
| Maharashtra | 0.24 | 5.10 | 0.25 | 3.87 | 1063 | 0.32 | 5.72 | 0.39 | 4.05 | 1248 |
| Rajasthan | 0.50 | 10.76 | 1.02 | 15.56 | 2024 | 0.46 | 8.37 | 0.90 | 9.27 | 1952 |
| Uttar Pradesh | 0.10 | 2.09 | 0.08 | 1.28 | 857 | 0.10 | 1.74 | 0.09 | 0.89 | 896 |
| Odisha | 0.05 | 1.02 | 0.07 | 1.01 | 1375 | 0.06 | 1.07 | 0.09 | 0.89 | 1458 |
| Others | 0.15 | 3.22 | 0.28 | 4.27 | @ | 0.15 | 2.69 | 0.29 | 3.00 | @ |
| All India | 4.68 | 100.00 | 6.56 | 100.00 | 1400 | 5.51 | 100.00 | 9.71 | 100.00 | 1764 |

Source: Directorate of Economics & Statistics, DAC&FW

Note: States have been arranged in descending order of percentage share of production during 2014-15.

‘@’ - Since area/ production is low in individual states, yield rate is not worked out.

* Provisional

Fourth Advance Estimates.

Table 4.18(a): Rapeseed & Mustard: All-India Area, Production and Yield alongwith coverage under Irrigation

| Year | Area | Production | Yield | Area Under Irrigation(%) |
|---------|------|------------|-------|--------------------------|
| (1) | (2) | (3) | (4) | (5) |
| 1950-51 | 2.07 | 0.76 | 368 | NA |
| 1951-52 | 2.40 | 0.94 | 393 | NA |
| 1952-53 | 2.11 | 0.86 | 408 | NA |
| 1953-54 | 2.24 | 0.87 | 389 | NA |
| 1954-55 | 2.44 | 1.04 | 425 | NA |
| 1955-56 | 2.56 | 0.86 | 336 | 10.4 |
| 1956-57 | 2.54 | 1.04 | 411 | 13.5 |
| 1957-58 | 2.41 | 0.93 | 387 | 13.0 |
| 1958-59 | 2.45 | 1.04 | 426 | 13.0 |
| 1959-60 | 2.91 | 1.06 | 365 | 12.3 |
| 1960-61 | 2.88 | 1.35 | 467 | 12.1 |
| 1961-62 | 3.17 | 1.35 | 425 | 13.2 |
| 1962-63 | 3.13 | 1.30 | 417 | 13.3 |
| 1963-64 | 3.05 | 0.92 | 300 | 16.1 |
| 1964-65 | 2.91 | 1.47 | 507 | 15.2 |
| 1965-66 | 2.91 | 1.30 | 446 | 15.8 |
| 1966-67 | 3.01 | 1.23 | 408 | 20.3 |
| 1967-68 | 3.24 | 1.57 | 483 | 14.8 |
| 1968-69 | 2.87 | 1.35 | 469 | 18.4 |
| 1969-70 | 3.17 | 1.56 | 493 | 23.5 |
| 1970-71 | 3.32 | 1.98 | 594 | 25.2 |
| 1971-72 | 3.61 | 1.43 | 396 | 28.6 |
| 1972-73 | 3.32 | 1.81 | 545 | 26.7 |
| 1973-74 | 3.46 | 1.70 | 493 | 30.4 |
| 1974-75 | 3.68 | 2.25 | 612 | 35.4 |
| 1975-76 | 3.34 | 1.94 | 580 | 31.2 |
| 1976-77 | 3.13 | 1.55 | 496 | 34.4 |
| 1977-78 | 3.58 | 1.65 | 460 | 39.7 |
| 1978-79 | 3.54 | 1.86 | 525 | 39.7 |
| 1979-80 | 3.47 | 1.43 | 411 | 41.9 |
| 1980-81 | 4.11 | 2.30 | 560 | 43.7 |
| 1981-82 | 4.40 | 2.38 | 541 | 44.9 |
| 1982-83 | 3.83 | 2.21 | 577 | 44.0 |
| 1983-84 | 3.87 | 2.61 | 673 | 46.6 |

(Contd.)

Table 4.18(a) (*Contd.*)

| Year | Area | Production | Yield | Area Under Irrigation(%) |
|----------|------|------------|-------|--------------------------|
| (1) | (2) | (3) | (4) | (5) |
| 1984-85 | 3.99 | 3.07 | 771 | 53.3 |
| 1985-86 | 3.98 | 2.68 | 674 | 51.3 |
| 1986-87 | 3.72 | 2.60 | 700 | 51.8 |
| 1987-88 | 4.62 | 3.45 | 748 | 54.7 |
| 1988-89 | 4.83 | 4.38 | 906 | 60.0 |
| 1989-90 | 4.97 | 4.13 | 831 | 61.6 |
| 1990-91 | 5.78 | 5.23 | 904 | 59.8 |
| 1991-92 | 6.55 | 5.86 | 895 | 63.9 |
| 1992-93 | 6.19 | 4.80 | 776 | 60.0 |
| 1993-94 | 6.29 | 5.33 | 847 | 59.4 |
| 1994-95 | 6.01 | 5.76 | 958 | 62.4 |
| 1995-96 | 6.55 | 6.00 | 916 | 65.8 |
| 1996-97 | 6.55 | 6.66 | 1017 | 69.1 |
| 1997-98 | 7.04 | 4.70 | 668 | 60.0 |
| 1998-99 | 6.51 | 5.66 | 869 | 58.3 |
| 1999-00 | 6.03 | 5.79 | 961 | 63.2 |
| 2000-01 | 4.48 | 4.19 | 936 | 66.1 |
| 2001-02 | 5.07 | 5.08 | 1002 | 68.3 |
| 2002-03 | 4.54 | 3.88 | 854 | 69.2 |
| 2003-04 | 5.43 | 6.29 | 1159 | 67.0 |
| 2004-05 | 7.32 | 7.59 | 1038 | 69.3 |
| 2005-06 | 7.28 | 8.13 | 1117 | 72.1 |
| 2006-07 | 6.79 | 7.44 | 1095 | 74.3 |
| 2007-08 | 5.83 | 5.83 | 1001 | 75.5 |
| 2008-09 | 6.30 | 7.20 | 1143 | 73.9 |
| 2009-10 | 5.59 | 6.61 | 1183 | 71.1 |
| 2010-11 | 6.90 | 8.18 | 1185 | 69.9 |
| 2011-12 | 5.89 | 6.60 | 1121 | 73.2 |
| 2012-13 | 6.36 | 8.03 | 1262 | 76.5 |
| 2013-14 | 6.65 | 7.88 | 1185 | - |
| 2014-15* | 5.79 | 6.31 | 1089 | - |

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

NA- Not available

Table 4.18 (b): Rapeseed & Mustard: Area, Production and Yield during 2013-14 and 2014-15 in major Producing States alongwith coverage under irrigation

| State | Area (2) | 2014-15# | | | 2013-14 | | | Area All - India (11) | Under Irrigation (%) 2012-13* |
|------------------|-------------|----------------------------|-------------------|----------------------------|--------------|-------------|----------------------------|-----------------------------|----------------------------------|
| | | % to All - India (3) | Production (4) | % to All - India (5) | Yield (6) | Area (7) | % to All - India (8) | Production (9) | |
| Rajasthan | 2.47 | 42.72 | 2.90 | 45.89 | 1170 | 3.08 | 46.32 | 3.80 | 48.21 |
| Madhya Pradesh | 0.71 | 12.31 | 0.72 | 11.36 | 1006 | 0.76 | 11.47 | 0.84 | 10.72 |
| Haryana | 0.50 | 8.57 | 0.70 | 11.08 | 1409 | 0.54 | 8.08 | 0.88 | 11.17 |
| Uttar Pradesh | 0.63 | 10.81 | 0.58 | 9.22 | 930 | 0.66 | 9.96 | 0.74 | 9.34 |
| West Bengal | 0.45 | 7.81 | 0.49 | 7.77 | 1084 | 0.45 | 6.74 | 0.48 | 6.07 |
| Gujarat | 0.18 | 3.18 | 0.31 | 4.85 | 1663 | 0.28 | 4.24 | 0.49 | 6.17 |
| Assam | 0.27 | 4.66 | 0.17 | 2.69 | 630 | 0.28 | 4.20 | 0.17 | 2.13 |
| Bihar | 0.09 | 1.50 | 0.09 | 1.46 | 1057 | 0.09 | 1.28 | 0.11 | 1.35 |
| Punjab | 0.03 | 0.54 | 0.04 | 0.60 | 1226 | 0.03 | 0.48 | 0.04 | 0.52 |
| Others | 0.46 | 7.91 | 0.32 | 5.07 | @ | 0.48 | 7.22 | 0.34 | 4.32 |
| All India | 5.79 | 100.00 | 6.31 | 100.00 | 1089 | 6.65 | 100.00 | 7.88 | 100.00 |
| | | | | | | | | 1185 | 76.5 |

Source: Directorate of Economics & Statistics, DAC&FW

Note: States have been arranged in descending order of percentage share of production during 2014-15.

@ - Since area/ production is low in individual states, yield rate is not worked out.

* Provisional

Fourth Advance Estimates.

Table 4.19(a): Soybean: All-India Area, Production and Yield alongwith coverage under Irrigation

| Year | Area | Production | Yield | Area - Million Hectares |
|---------|------|------------|-------|-----------------------------|
| | | | | Production - Million Tonnes |
| (1) | (2) | (3) | (4) | Yield - Kg./ Hectare |
| 1970-71 | 0.03 | 0.01 | 426 | NA |
| 1971-72 | 0.03 | 0.01 | 426 | NA |
| 1972-73 | 0.03 | 0.03 | 819 | NA |
| 1973-74 | 0.05 | 0.04 | 829 | NA |
| 1974-75 | 0.07 | 0.05 | 768 | NA |
| 1975-76 | 0.09 | 0.09 | 975 | NA |
| 1976-77 | 0.13 | 0.12 | 988 | NA |
| 1977-78 | 0.20 | 0.18 | 940 | NA |
| 1978-79 | 0.31 | 0.30 | 975 | NA |
| 1979-80 | 0.50 | 0.28 | 568 | NA |
| 1980-81 | 0.61 | 0.44 | 728 | NA |
| 1981-82 | 0.48 | 0.35 | 741 | NA |
| 1982-83 | 0.77 | 0.49 | 637 | NA |
| 1983-84 | 0.84 | 0.61 | 735 | NA |
| 1984-85 | 1.24 | 0.95 | 768 | NA |
| 1985-86 | 1.34 | 1.02 | 764 | NA |
| 1986-87 | 1.53 | 0.89 | 584 | NA |
| 1987-88 | 1.54 | 0.90 | 582 | NA |
| 1988-89 | 1.73 | 1.55 | 892 | NA |
| 1989-90 | 2.25 | 1.81 | 801 | NA |
| 1990-91 | 2.56 | 2.60 | 1015 | NA |
| 1991-92 | 3.18 | 2.49 | 782 | NA |
| 1992-93 | 3.79 | 3.39 | 894 | 2.6 |
| 1993-94 | 4.37 | 4.75 | 1086 | 2.5 |
| 1994-95 | 4.32 | 3.93 | 911 | 2.9 |
| 1995-96 | 5.04 | 5.10 | 1012 | 3.7 |
| 1996-97 | 5.44 | 5.38 | 989 | 2.7 |
| 1997-98 | 5.99 | 6.46 | 1079 | 2.6 |
| 1998-99 | 6.49 | 7.14 | 1100 | 2.5 |
| 1999-00 | 6.22 | 7.08 | 1138 | 1.6 |
| 2000-01 | 6.42 | 5.28 | 823 | 1.4 |
| 2001-02 | 6.34 | 5.96 | 940 | 1.7 |
| 2002-03 | 6.11 | 4.65 | 762 | 0.8 |

(Contd.)

Table 4.19(a) (*Contd.*)

| Year | Area | Production | Yield | Area Under Irrigation(%) |
|----------|-------|------------|-------|--------------------------|
| (1) | (2) | (3) | (4) | (5) |
| 2003-04 | 6.55 | 7.82 | 1193 | 1.4 |
| 2004-05 | 7.57 | 6.87 | 908 | 1.8 |
| 2005-06 | 7.71 | 8.27 | 1073 | 1.7 |
| 2006-07 | 8.33 | 8.85 | 1063 | 1.1 |
| 2007-08 | 8.88 | 10.97 | 1235 | 1.2 |
| 2008-09 | 9.51 | 9.91 | 1041 | 0.7 |
| 2009-10 | 9.73 | 9.96 | 1024 | 0.7 |
| 2010-11 | 9.60 | 12.74 | 1327 | 0.6 |
| 2011-12 | 10.11 | 12.21 | 1208 | 0.6 |
| 2012-13 | 10.84 | 14.67 | 1353 | 0.6 |
| 2013-14 | 11.72 | 11.86 | 1012 | - |
| 2014-15* | 11.09 | 10.53 | 950 | - |

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

NA- Not available

Table 4.19 (b): Soyabean: Area, Production and Yield during 2013-14 and 2014-15 in major Producing States alongwith coverage under Irrigation

| State | 2014-15# | | | | 2013-14 | | | | Area All - India | % to All - India | Yield | Area All - India | % to All - India | Production | % to All - India | Yield | Area All - India | % to All - India | Yield | Area All - India | % to All - India | Yield | Area All - India | % to All - India | Yield | Area All - India | % to All - India | Yield |
|------------------|--------------|---------------|--------------|---------------|------------|--------------|---------------|--------------|---------------------|---------------------|------------|---------------------|---------------------|------------|---------------------|-------|---------------------|---------------------|-------|---------------------|---------------------|-------|---------------------|---------------------|-------|---------------------|---------------------|-------|
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | | | | | | | | | | | | | | | | | | | | |
| Madhya Pradesh | 5.58 | 50.32 | 6.35 | 60.35 | 1139 | 6.31 | 53.84 | 5.24 | 44.20 | 831 | 0.3 | | | | | | | | | | | | | | | | | |
| Maharashtra | 3.80 | 34.29 | 2.49 | 23.65 | 655 | 3.52 | 30.04 | 4.75 | 40.05 | 1349 | 0.4 | | | | | | | | | | | | | | | | | |
| Rajasthan | 0.92 | 8.33 | 0.96 | 9.08 | 1036 | 1.18 | 10.03 | 0.97 | 8.21 | 829 | 0.2 | | | | | | | | | | | | | | | | | |
| Andhra Pradesh | 0.24 | 2.20 | 0.26 | 2.51 | 1082 | 0.25 | 2.09 | 0.40 | 3.33 | 1612 | 12.5 | | | | | | | | | | | | | | | | | |
| Karnataka | 0.26 | 2.30 | 0.23 | 2.15 | 886 | 0.22 | 1.87 | 0.27 | 2.28 | 1233 | 7.0 | | | | | | | | | | | | | | | | | |
| Others | 0.28 | 2.57 | 0.24 | 2.26 | @ | 0.25 | 2.13 | 0.23 | 1.93 | @ | - | | | | | | | | | | | | | | | | | |
| All India | 11.09 | 100.00 | 10.53 | 100.00 | 950 | 11.72 | 100.00 | 11.86 | 100.00 | 1012 | 0.6 | | | | | | | | | | | | | | | | | |

Source: Directorate of Economics & Statistics, DAC&FW

Note: States have been arranged in descending order of percentage share of production during 2014-15.
@ - Since area/production is low in individual states, yield rate is not worked out.

* Provisional

Fourth Advance Estimates.

Table 4.20(a): Sunflower: All-India Area, Production and Yield alongwith coverage under Irrigation

| Year | Area | Production | Yield | Area Under Irrigation(%) |
|---------|------|------------|-------|--------------------------|
| (1) | (2) | (3) | (4) | (5) |
| 1970-71 | 0.12 | 0.08 | 653 | NA |
| 1971-72 | 0.12 | 0.08 | 653 | NA |
| 1972-73 | 0.12 | 0.08 | 653 | NA |
| 1973-74 | 0.24 | 0.17 | 712 | NA |
| 1974-75 | 0.34 | 0.23 | 671 | NA |
| 1975-76 | 0.32 | 0.22 | 686 | NA |
| 1976-77 | 0.26 | 0.14 | 541 | NA |
| 1977-78 | 0.27 | 0.14 | 523 | NA |
| 1978-79 | 0.18 | 0.10 | 543 | NA |
| 1979-80 | 0.06 | 0.03 | 519 | NA |
| 1980-81 | 0.12 | 0.07 | 555 | NA |
| 1981-82 | 0.28 | 0.16 | 564 | NA |
| 1982-83 | 0.46 | 0.23 | 497 | NA |
| 1983-84 | 0.70 | 0.30 | 431 | NA |
| 1984-85 | 0.84 | 0.44 | 527 | NA |
| 1985-86 | 0.75 | 0.28 | 374 | NA |
| 1986-87 | 1.02 | 0.42 | 411 | NA |
| 1987-88 | 1.65 | 0.64 | 385 | NA |
| 1988-89 | 1.10 | 0.37 | 335 | NA |
| 1989-90 | 1.19 | 0.63 | 529 | NA |
| 1990-91 | 1.63 | 0.87 | 535 | NA |
| 1991-92 | 2.11 | 1.19 | 565 | NA |
| 1992-93 | 2.09 | 1.18 | 567 | 19.6 |
| 1993-94 | 2.67 | 1.35 | 505 | 17.7 |
| 1994-95 | 2.00 | 1.22 | 610 | 18.2 |
| 1995-96 | 2.12 | 1.26 | 593 | 21.0 |
| 1996-97 | 1.93 | 1.25 | 646 | 21.1 |
| 1997-98 | 1.74 | 0.89 | 510 | 21.6 |
| 1998-99 | 1.82 | 0.95 | 521 | 20.1 |
| 1999-00 | 1.29 | 0.69 | 536 | 23.3 |
| 2000-01 | 1.07 | 0.65 | 605 | 27.6 |
| 2001-02 | 1.18 | 0.68 | 577 | 24.1 |
| 2002-03 | 1.64 | 0.87 | 531 | 22.9 |

(Contd.)

Table 4.20(a) (*Contd.*)

| Year | Area | Production | Yield | Area Under Irrigation(%) |
|----------|------|------------|-------|--------------------------|
| (1) | (2) | (3) | (4) | (5) |
| 2003-04 | 2.00 | 0.93 | 464 | 15.4 |
| 2004-05 | 2.16 | 1.19 | 549 | 26.0 |
| 2005-06 | 2.34 | 1.44 | 615 | 24.9 |
| 2006-07 | 2.16 | 1.23 | 567 | 26.4 |
| 2007-08 | 1.91 | 1.46 | 765 | 31.8 |
| 2008-09 | 1.81 | 1.16 | 639 | 30.6 |
| 2009-10 | 1.48 | 0.85 | 576 | 29.5 |
| 2010-11 | 0.93 | 0.65 | 699 | 31.7 |
| 2011-12 | 0.73 | 0.52 | 712 | 32.4 |
| 2012-13 | 0.83 | 0.54 | 655 | 29.7 |
| 2013-14 | 0.67 | 0.50 | 750 | - |
| 2014-15* | 0.55 | 0.42 | 753 | - |

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

NA- Not available

Table 4.20 (b): Sunflower: Area, Production and Yield during 2013-14 and 2014-15 in major Producing States alongwith coverage under Irrigation

| State | 2014-15# | | | 2013-14 | | | Area Under Irrigation(%) 2012-13* | | | Area (12) | |
|------------------|-------------|----------------------------|-------------------|----------------------------|--------------|-------------|---|-------------------|-----------------------------|---------------|-------------|
| | Area (1) | % to All - India (2) | Production (4) | % to All - India (5) | Yield (6) | Area (7) | % to All - India (8) | Production (9) | % to All - India (10) | Yield (11) | |
| Karnataka | 0.36 | 64.43 | 0.21 | 51.08 | 597 | 0.42 | 62.24 | 0.25 | 50.30 | 607 | 20.4 |
| Andhra Pradesh | 0.07 | 12.34 | 0.06 | 14.94 | 912 | 0.10 | 14.93 | 0.09 | 17.30 | 870 | 48.7 |
| Maharashtra | 0.05 | 8.35 | 0.02 | 4.58 | 413 | 0.07 | 10.60 | 0.04 | 8.75 | 620 | 22.7 |
| Haryana | 0.01 | 1.63 | 0.02 | 4.58 | 2111 | 0.01 | 0.75 | 0.01 | 2.39 | 2400 | 100.0 |
| Bihar | 0.01 | 2.36 | 0.02 | 4.34 | 1385 | 0.01 | 2.09 | 0.02 | 3.78 | 1357 | 92.2 |
| Tamil Nadu | 0.01 | 1.45 | 0.01 | 3.13 | 1625 | 0.01 | 1.04 | 0.01 | 2.39 | 1714 | 52.6 |
| Uttar Pradesh | 0.00 | 0.54 | 0.01 | 1.20 | 1667 | 0.00 | 0.45 | 0.01 | 0.99 | 1667 | 88.5 |
| Others | 0.05 | 8.89 | 0.07 | 16.14 | @ | 0.05 | 7.91 | 0.07 | 14.12 | @ | - |
| All India | 0.55 | 100.00 | 0.42 | 100.00 | 753 | 0.67 | 100.00 | 0.50 | 100.00 | 751 | 29.7 |

Source: Directorate of Economics & Statistics, DAC&FW

Note: States have been arranged in descending order of percentage share of production during 2014-15.

* @ - Since area/ production is low in individual states, yield rate is not worked out.

Provisional

Fourth Advance Estimates.

Table 4.21(a): Cotton: All-India Area, Production and Yield alongwith coverage under Irrigation

| Year | Area | Production | Yield | Area - Million Hectares |
|---------|------|------------|-------|--|
| | | | | Production - Million Bales (170 Kg. of each) |
| (1) | (2) | (3) | (4) | Yield - Kg./ Hectare |
| 1950-51 | 5.88 | 3.04 | 88 | 8.2 |
| 1951-52 | 6.56 | 3.28 | 85 | 9.1 |
| 1952-53 | 6.36 | 3.34 | 89 | 8.5 |
| 1953-54 | 6.99 | 4.13 | 100 | 8.4 |
| 1954-55 | 7.55 | 4.45 | 100 | 9.8 |
| 1955-56 | 8.09 | 4.18 | 88 | 10.0 |
| 1956-57 | 8.02 | 4.92 | 104 | 11.0 |
| 1957-58 | 8.01 | 4.96 | 105 | 12.7 |
| 1958-59 | 7.96 | 4.88 | 104 | 12.5 |
| 1959-60 | 7.30 | 3.68 | 86 | 12.9 |
| 1960-61 | 7.61 | 5.60 | 125 | 12.7 |
| 1961-62 | 7.98 | 4.85 | 103 | 13.0 |
| 1962-63 | 7.73 | 5.54 | 122 | 14.1 |
| 1963-64 | 8.22 | 5.75 | 119 | 15.3 |
| 1964-65 | 8.37 | 6.01 | 122 | 15.5 |
| 1965-66 | 7.96 | 4.85 | 104 | 15.9 |
| 1966-67 | 7.84 | 5.27 | 114 | 16.1 |
| 1967-68 | 8.00 | 5.78 | 123 | 16.7 |
| 1968-69 | 7.60 | 5.45 | 122 | 16.5 |
| 1969-70 | 7.73 | 5.56 | 122 | 16.4 |
| 1970-71 | 7.61 | 4.76 | 106 | 17.3 |
| 1971-72 | 7.80 | 6.95 | 151 | 20.3 |
| 1972-73 | 7.68 | 5.74 | 127 | 21.0 |
| 1973-74 | 7.57 | 6.31 | 142 | 22.1 |
| 1974-75 | 7.56 | 7.16 | 161 | 22.9 |
| 1975-76 | 7.35 | 5.95 | 138 | 23.5 |
| 1976-77 | 6.89 | 5.84 | 144 | 24.6 |
| 1977-78 | 7.87 | 7.24 | 157 | 26.2 |
| 1978-79 | 8.12 | 7.96 | 167 | 27.2 |
| 1979-80 | 8.13 | 7.65 | 160 | 27.5 |
| 1980-81 | 7.82 | 7.01 | 152 | 27.3 |
| 1981-82 | 8.06 | 7.88 | 166 | 27.7 |
| 1982-83 | 7.87 | 7.53 | 163 | 29.0 |

(Contd.)

Table 4.21(a) (*Contd.*)

| Year | Area | Production | Yield | Area Under Irrigation(%) |
|----------|-------|------------|-------|--------------------------|
| (1) | (2) | (3) | (4) | (5) |
| 1983-84 | 7.72 | 6.39 | 141 | 29.9 |
| 1984-85 | 7.38 | 8.51 | 196 | 28.5 |
| 1985-86 | 7.53 | 8.73 | 197 | 30.2 |
| 1986-87 | 6.95 | 6.91 | 169 | 31.1 |
| 1987-88 | 6.46 | 6.38 | 168 | 32.0 |
| 1988-89 | 7.34 | 8.74 | 202 | 33.0 |
| 1989-90 | 7.69 | 11.42 | 252 | 34.2 |
| 1990-91 | 7.44 | 9.84 | 225 | 32.9 |
| 1991-92 | 7.66 | 9.71 | 216 | 33.3 |
| 1992-93 | 7.54 | 11.40 | 257 | 34.6 |
| 1993-94 | 7.32 | 10.74 | 249 | 34.7 |
| 1994-95 | 7.87 | 11.89 | 257 | 34.2 |
| 1995-96 | 9.04 | 12.86 | 242 | 35.0 |
| 1996-97 | 9.12 | 14.23 | 265 | 35.8 |
| 1997-98 | 8.87 | 10.85 | 208 | 36.8 |
| 1998-99 | 9.34 | 12.29 | 224 | 34.9 |
| 1999-00 | 8.71 | 11.53 | 225 | 35.2 |
| 2000-01 | 8.53 | 9.52 | 190 | 34.3 |
| 2001-02 | 9.13 | 10.00 | 186 | 34.0 |
| 2002-03 | 7.67 | 8.62 | 191 | 33.1 |
| 2003-04 | 7.60 | 13.73 | 307 | 27.1 |
| 2004-05 | 8.79 | 16.43 | 318 | 36.9 |
| 2005-06 | 8.68 | 18.50 | 362 | 36.1 |
| 2006-07 | 9.14 | 22.63 | 421 | 35.0 |
| 2007-08 | 9.41 | 25.88 | 467 | 35.1 |
| 2008-09 | 9.41 | 22.28 | 403 | 35.3 |
| 2009-10 | 10.13 | 24.02 | 403 | 35.3 |
| 2010-11 | 11.24 | 33.00 | 499 | 33.8 |
| 2011-12 | 12.18 | 35.20 | 491 | 35.9 |
| 2012-13 | 11.98 | 34.22 | 486 | 33.8 |
| 2013-14 | 11.96 | 35.90 | 510 | - |
| 2014-15* | 13.08 | 35.48 | 461 | - |

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

Table 4.21 (b): Cotton: Area, Production and Yield during 2013-14 and 2014-15 in major Producing States alongwith coverage under Irrigation

| State | Area (1) | 2014-15# | | 2013-14 | | Area 2012-13* | | | | | |
|------------------|--------------|----------------------------|-------------------|---------------|-------------|----------------------------|-------------------|--------------|---------------|-----------------------------|--------------------|
| | | % to All - India (2) | Production (3) | Yield (4) | Area (5) | % to All - India (6) | Production (7) | Yield (8) | Area (9) | % to All - India (10) | Production (11) |
| Gujarat | 3.01 | 23.01 | 11.09 | 31.26 | 626 | 2.52 | 21.06 | 10.15 | 28.27 | 685 | 58.7 |
| Maharashtra | 4.19 | 32.04 | 7.02 | 19.79 | 285 | 4.19 | 35.05 | 8.83 | 24.61 | 358 | 2.7 |
| Andhra Pradesh | 2.54 | 19.41 | 6.64 | 18.72 | 444 | 2.39 | 19.97 | 6.96 | 19.38 | 495 | 13.9 |
| Haryana | 0.65 | 4.95 | 2.30 | 6.48 | 604 | 0.54 | 4.48 | 2.30 | 6.41 | 730 | 99.7 |
| Karnataka | 0.87 | 6.64 | 2.20 | 6.20 | 430 | 0.66 | 5.54 | 1.88 | 5.22 | 481 | 37.7 |
| Madhya Pradesh | 0.57 | 4.39 | 1.75 | 4.93 | 518 | 0.51 | 4.30 | 1.73 | 4.82 | 572 | 53.4 |
| Punjab | 0.42 | 3.21 | 1.60 | 4.51 | 648 | 0.45 | 3.73 | 1.97 | 5.48 | 750 | 100.0 |
| Rajasthan | 0.49 | 3.72 | 1.60 | 4.51 | 559 | 0.39 | 3.29 | 1.29 | 3.58 | 557 | 93.0 |
| Tamil Nadu | 0.19 | 1.42 | 0.79 | 2.22 | 718 | 0.15 | 1.27 | 0.41 | 1.14 | 456 | 25.1 |
| Others | 0.16 | 1.21 | 0.49 | 1.38 | @ | 0.16 | 1.31 | 0.39 | 1.09 | @ | - |
| All India | 13.08 | 100.00 | 35.48 | 100.00 | 461 | 11.96 | 100.00 | 35.90 | 100.00 | 510 | 33.8 |

Source: Directorate of Economics & Statistics, DAC&FW

Note: States have been arranged in descending order of percentage share of production during 2014-15.

@ - Since area/ production is low in individual states, yield rate is not worked out.

* Provisional

Fourth Advance Estimates.

Table 4.22 (a): Jute and Mesta: All-India Area, Production and Yield

| Year | Area | Production | Yield |
|---------|------|------------|-------|
| (1) | (2) | (3) | (4) |
| 1950-51 | 0.57 | 3.31 | 1043 |
| 1951-52 | 0.79 | 4.72 | 1074 |
| 1952-53 | 0.93 | 5.32 | 1028 |
| 1953-54 | 0.68 | 3.77 | 992 |
| 1954-55 | 0.68 | 3.86 | 1021 |
| 1955-56 | 0.94 | 5.39 | 1038 |
| 1956-57 | 1.07 | 5.81 | 977 |
| 1957-58 | 1.02 | 5.33 | 944 |
| 1958-59 | 1.10 | 6.91 | 1130 |
| 1959-60 | 0.98 | 5.69 | 1049 |
| 1960-61 | 0.90 | 5.26 | 1049 |
| 1961-62 | 1.34 | 8.24 | 1104 |
| 1962-63 | 1.24 | 7.19 | 1041 |
| 1963-64 | 1.27 | 7.98 | 1130 |
| 1964-65 | 1.21 | 7.66 | 1136 |
| 1965-66 | 1.11 | 5.78 | 936 |
| 1966-67 | 1.12 | 6.58 | 1058 |
| 1967-68 | 1.20 | 7.59 | 1137 |
| 1968-69 | 0.81 | 3.84 | 855 |
| 1969-70 | 1.09 | 6.79 | 1120 |
| 1970-71 | 1.08 | 6.19 | 1032 |
| 1971-72 | 1.11 | 6.84 | 1107 |
| 1972-73 | 0.99 | 6.09 | 1104 |
| 1973-74 | 1.16 | 7.68 | 1188 |
| 1974-75 | 0.98 | 5.83 | 1068 |
| 1975-76 | 0.91 | 5.91 | 1164 |
| 1976-77 | 1.09 | 7.10 | 1173 |
| 1977-78 | 1.16 | 7.15 | 1108 |
| 1978-79 | 1.27 | 8.33 | 1186 |
| 1979-80 | 1.22 | 7.96 | 1177 |
| 1980-81 | 1.30 | 8.16 | 1130 |
| 1981-82 | 1.15 | 8.37 | 1311 |
| 1982-83 | 1.02 | 7.17 | 1265 |
| 1983-84 | 1.05 | 7.72 | 1320 |

(Contd.)

Table 4.22(a) (*Contd.*)

| Year | Area | Production | Yield |
|----------|------|------------|-------|
| (1) | (2) | (3) | (4) |
| 1984-85 | 1.13 | 7.79 | 1242 |
| 1985-86 | 1.50 | 12.65 | 1524 |
| 1986-87 | 1.07 | 8.62 | 1454 |
| 1987-88 | 0.96 | 6.78 | 1274 |
| 1988-89 | 0.92 | 7.86 | 1540 |
| 1989-90 | 0.91 | 8.29 | 1646 |
| 1990-91 | 1.02 | 9.23 | 1634 |
| 1991-92 | 1.11 | 10.29 | 1662 |
| 1992-93 | 0.93 | 8.59 | 1658 |
| 1993-94 | 0.89 | 8.43 | 1713 |
| 1994-95 | 0.93 | 9.08 | 1760 |
| 1995-96 | 0.93 | 8.81 | 1712 |
| 1996-97 | 1.10 | 11.13 | 1819 |
| 1997-98 | 1.11 | 11.02 | 1792 |
| 1998-99 | 1.03 | 9.81 | 1722 |
| 1999-00 | 1.04 | 10.55 | 1834 |
| 2000-01 | 1.02 | 10.56 | 1868 |
| 2001-02 | 1.05 | 11.68 | 2007 |
| 2002-03 | 1.04 | 11.28 | 1960 |
| 2003-04 | 1.00 | 11.17 | 2008 |
| 2004-05 | 0.92 | 10.27 | 2019 |
| 2005-06 | 0.90 | 10.84 | 2173 |
| 2006-07 | 0.94 | 11.27 | 2170 |
| 2007-08 | 0.96 | 11.21 | 2101 |
| 2008-09 | 0.90 | 10.37 | 2071 |
| 2009-10 | 0.91 | 11.82 | 2349 |
| 2010-11 | 0.87 | 10.62 | 2197 |
| 2011-12 | 0.90 | 11.40 | 2280 |
| 2012-13 | 0.86 | 10.93 | 2281 |
| 2013-14 | 0.84 | 11.68 | 2512 |
| 2014-15* | 0.81 | 11.45 | 2551 |

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

Table 4.22 (b): Jute & Mesta Area, Production and Yield during 2013-14 and 2014-15 in major Producing States

| State | Area | 2014-15# | | 2013-14 | | Area - Million Hectares | Production - Million Bales (180 kg. each) | Yield - Kg./ Hectare | | |
|----------------|------|------------------|------------|------------------|---------|-------------------------|---|----------------------|--------|------|
| | | % to All - India | Production | % to All - India | Yield | | | | | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| West Bengal | 0.58 | 71.29 | 8.92 | 77.91 | 2788 | 0.57 | 68.58 | 8.88 | 75.96 | 2785 |
| Bihar | 0.11 | 13.74 | 1.50 | 13.10 | 2432 | 0.12 | 14.46 | 1.75 | 14.93 | 2596 |
| Assam | 0.08 | 9.28 | 0.80 | 6.94 | 1908 | 0.07 | 8.84 | 0.75 | 6.38 | 1815 |
| Odisha | 0.01 | 1.49 | 0.07 | 0.59 | 1005 | 0.01 | 1.67 | 0.08 | 0.70 | 1054 |
| Andhra Pradesh | 0.01 | 0.87 | 0.05 | 0.45 | 1311 | 0.01 | 1.08 | 0.08 | 0.72 | 1680 |
| Maharashtra | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! | 0.02 | 2.63 | 0.04 | 0.30 | 286 |
| Meghalaya \$ | 0.00 | | | 0.00 | | 0.01 | 1.19 | 0.09 | 0.76 | 1602 |
| Others | 0.03 | 3.34 | 0.12 | 1.01 | @ | 0.01 | 1.55 | 0.03 | 0.25 | @ |
| All India | 0.81 | 100.00 | 11.45 | 100.00 | 2551 | 0.84 | 100.00 | 11.69 | 100.00 | 2514 |

Source: Directorate of Economics & Statistics, DAC&FW

Note: States have been arranged in descending order of percentage share of production during 2014-15.

@ - Since area/ production is low in individual states, yield rate is not worked out.

\$ Area and Production figures for 2013-14 are included in Others category

* Provisional

Fourth Advance Estimates.

Table 4.23(a): Sugarcane: All-India Area, Production and Yield alongwith coverage under Irrigation

| Year | Area | Production | Yield | Area Under Irrigation(%) |
|---------|------|------------|-------|--------------------------|
| (1) | (2) | (3) | (4) | (5) |
| 1950-51 | 1.71 | 57.05 | 33422 | 67.3 |
| 1951-52 | 1.94 | 61.63 | 31786 | 68.8 |
| 1952-53 | 1.73 | 51.00 | 29495 | 66.3 |
| 1953-54 | 1.41 | 44.41 | 31497 | 67.7 |
| 1954-55 | 1.62 | 58.74 | 36303 | 68.8 |
| 1955-56 | 1.85 | 60.54 | 32779 | 67.2 |
| 1956-57 | 2.05 | 69.05 | 33683 | 64.9 |
| 1957-58 | 2.07 | 71.16 | 34325 | 65.2 |
| 1958-59 | 1.95 | 73.36 | 37658 | 67.4 |
| 1959-60 | 2.14 | 77.82 | 36414 | 67.9 |
| 1960-61 | 2.42 | 110.00 | 45549 | 69.3 |
| 1961-62 | 2.46 | 103.97 | 42349 | 68.0 |
| 1962-63 | 2.24 | 91.91 | 40996 | 67.8 |
| 1963-64 | 2.25 | 104.23 | 46353 | 69.6 |
| 1964-65 | 2.60 | 121.91 | 46838 | 71.5 |
| 1965-66 | 2.84 | 123.99 | 43717 | 71.1 |
| 1966-67 | 2.30 | 92.83 | 40336 | 71.0 |
| 1967-68 | 2.05 | 95.50 | 40665 | 74.1 |
| 1968-69 | 2.53 | 124.68 | 49236 | 76.9 |
| 1969-70 | 2.75 | 135.02 | 49121 | 75.5 |
| 1970-71 | 2.62 | 126.37 | 48322 | 72.4 |
| 1971-72 | 2.39 | 113.57 | 47511 | 71.8 |
| 1972-73 | 2.45 | 124.87 | 50933 | 75.0 |
| 1973-74 | 2.75 | 140.81 | 51163 | 76.5 |
| 1974-75 | 2.89 | 144.29 | 49855 | 77.9 |
| 1975-76 | 2.76 | 140.60 | 50903 | 78.0 |
| 1976-77 | 2.87 | 153.01 | 53383 | 77.2 |
| 1977-78 | 3.15 | 176.97 | 56160 | 78.1 |
| 1978-79 | 3.09 | 151.66 | 49114 | 77.8 |
| 1979-80 | 2.61 | 128.83 | 49358 | 77.2 |
| 1980-81 | 2.67 | 154.25 | 57844 | 81.2 |
| 1981-82 | 3.19 | 186.36 | 58359 | 82.3 |
| 1982-83 | 3.36 | 189.51 | 56441 | 80.5 |

(Contd.)

Table 4.23(a) (*Contd.*)

| Year | Area | Production | Yield | Area Under Irrigation(%) |
|----------|------|------------|-------|--------------------------|
| (1) | (2) | (3) | (4) | (5) |
| 1983-84 | 3.11 | 174.08 | 55978 | 80.3 |
| 1984-85 | 2.95 | 170.32 | 57673 | 83.6 |
| 1985-86 | 2.85 | 170.65 | 59889 | 84.5 |
| 1986-87 | 3.08 | 186.09 | 60444 | 85.4 |
| 1987-88 | 3.28 | 196.74 | 60006 | 85.6 |
| 1988-89 | 3.33 | 203.04 | 60992 | 86.2 |
| 1989-90 | 3.44 | 225.57 | 65612 | 86.9 |
| 1990-91 | 3.69 | 241.05 | 65395 | 86.9 |
| 1991-92 | 3.84 | 254.00 | 66069 | 88.0 |
| 1992-93 | 3.57 | 228.03 | 63843 | 88.3 |
| 1993-94 | 3.42 | 229.66 | 67120 | 88.8 |
| 1994-95 | 3.87 | 275.54 | 71254 | 87.9 |
| 1995-96 | 4.15 | 281.10 | 67787 | 87.4 |
| 1996-97 | 4.17 | 277.56 | 66496 | 88.1 |
| 1997-98 | 3.93 | 279.54 | 71133 | 91.3 |
| 1998-99 | 4.05 | 288.72 | 71203 | 91.7 |
| 1999-00 | 4.22 | 299.32 | 70934 | 92.0 |
| 2000-01 | 4.32 | 295.96 | 68578 | 92.1 |
| 2001-02 | 4.41 | 297.21 | 67370 | 91.6 |
| 2002-03 | 4.52 | 287.38 | 63576 | 91.3 |
| 2003-04 | 3.93 | 233.86 | 59380 | 90.7 |
| 2004-05 | 3.66 | 237.09 | 64752 | 91.2 |
| 2005-06 | 4.20 | 281.17 | 66919 | 92.5 |
| 2006-07 | 5.15 | 355.52 | 69022 | 93.2 |
| 2007-08 | 5.06 | 348.19 | 68877 | 93.5 |
| 2008-09 | 4.42 | 285.03 | 64553 | 93.7 |
| 2009-10 | 4.17 | 292.30 | 70020 | 93.5 |
| 2010-11 | 4.88 | 342.38 | 70091 | 92.5 |
| 2011-12 | 5.04 | 361.04 | 71668 | 94.3 |
| 2012-13 | 5.00 | 341.20 | 68254 | 95.0 |
| 2013-14 | 4.99 | 352.14 | 70522 | - |
| 2014-15* | 5.14 | 359.33 | 69860 | - |

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

Table 4.23 (b): Sugarcane: Area, Production and Yield during 2013-14 and 2014-15 in major Producing States alongwith coverage under Irrigation

| State | 2014-15# | | | 2013-14 | | | Area | | |
|------------------|-------------|------------------|---------------|------------------|---------------|-------------|------------------|---------------|------------------|
| | Area | % to All - India | Production | % to All - India | Yield | Area | % to All - India | Production | % to All - India |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
| Uttar Pradesh | 2.23 | 43.32 | 138.48 | 38.54 | 62154 | 2.23 | 44.62 | 134.69 | 38.25 |
| Maharashtra | 1.05 | 20.37 | 81.87 | 22.78 | 78120 | 0.94 | 18.77 | 76.90 | 21.84 |
| Karnataka | 0.45 | 8.75 | 41.90 | 11.66 | 93100 | 0.42 | 8.41 | 37.91 | 10.76 |
| Tamil Nadu | 0.26 | 5.11 | 24.46 | 6.81 | 93011 | 0.31 | 6.27 | 32.45 | 9.22 |
| Andhra Pradesh | 0.18 | 3.44 | 13.15 | 3.66 | 74294 | 0.19 | 3.85 | 15.39 | 4.37 |
| Bihar | 0.26 | 4.98 | 14.13 | 3.93 | 55199 | 0.26 | 5.17 | 12.88 | 3.66 |
| Gujarat | 0.20 | 3.97 | 14.06 | 3.91 | 68922 | 0.17 | 3.48 | 12.55 | 3.56 |
| Haryana | 0.10 | 1.96 | 7.65 | 2.13 | 75743 | 0.10 | 2.04 | 7.50 | 2.13 |
| Uttarakhand | 0.10 | 1.98 | 6.14 | 1.71 | 60147 | 0.10 | 2.08 | 5.94 | 1.69 |
| Punjab | 0.09 | 1.83 | 7.04 | 1.96 | 74883 | 0.09 | 1.78 | 6.68 | 1.90 |
| Madhya Pradesh | 0.11 | 2.16 | 4.57 | 1.27 | 41144 | 0.07 | 1.46 | 3.17 | 0.90 |
| West Bengal | 0.02 | 0.33 | 1.95 | 0.54 | 114706 | 0.02 | 0.34 | 1.95 | 0.55 |
| Assam | 0.03 | 0.56 | 1.04 | 0.29 | 355897 | 0.03 | 0.58 | 1.08 | 0.31 |
| Odisha | 0.01 | 0.19 | 0.72 | 0.20 | 72200 | 0.01 | 0.28 | 0.94 | 0.27 |
| Others | 0.05 | 1.04 | 2.18 | 0.61 | @ | 0.04 | 0.87 | 2.13 | 0.61 |
| All India | 5.14 | 100.00 | 359.33 | 100.00 | 629860 | 4.99 | 100.00 | 352.14 | 100.00 |

Source: Directorate of Economics & Statistics, DAC&FW

Note: States have been arranged in descending order of percentage share of production during 2014-15.

* Since area/ production is low in individual states, yield rate is not worked out.

* Provisional

Fourth Advance Estimates.

Table 4.24 (a): Tobacco: All-India Area, Production and Yield alongwith percentage coverage under Irrigation

| Year | Area | Production | Yield | Area - Million Hectares |
|---------|------|------------|-------|-----------------------------|
| | | | | Production - Million Tonnes |
| (1) | (2) | (3) | (4) | Yield - Kg./Hectare |
| 1950-51 | 0.36 | 0.26 | 731 | NA |
| 1951-52 | 0.29 | 0.21 | 723 | NA |
| 1952-53 | 0.36 | 0.25 | 675 | 9.7 |
| 1953-54 | 0.37 | 0.27 | 737 | 9.7 |
| 1954-55 | 0.35 | 0.26 | 737 | 10.8 |
| 1955-56 | 0.41 | 0.30 | 739 | 16.9 |
| 1956-57 | 0.42 | 0.31 | 728 | 20.4 |
| 1957-58 | 0.36 | 0.24 | 669 | 22.5 |
| 1958-59 | 0.38 | 0.32 | 836 | 21.0 |
| 1959-60 | 0.41 | 0.29 | 716 | 22.4 |
| 1960-61 | 0.40 | 0.31 | 766 | 21.9 |
| 1961-62 | 0.42 | 0.34 | 811 | 17.9 |
| 1962-63 | 0.41 | 0.34 | 842 | 18.2 |
| 1963-64 | 0.44 | 0.36 | 817 | 15.4 |
| 1964-65 | 0.41 | 0.36 | 876 | 17.0 |
| 1965-66 | 0.38 | 0.29 | 778 | 16.9 |
| 1966-67 | 0.42 | 0.35 | 834 | 17.1 |
| 1967-68 | 0.42 | 0.37 | 871 | 17.4 |
| 1968-69 | 0.44 | 0.36 | 821 | 20.4 |
| 1969-70 | 0.44 | 0.34 | 770 | 19.5 |
| 1970-71 | 0.45 | 0.36 | 810 | 23.7 |
| 1971-72 | 0.46 | 0.42 | 914 | 24.5 |
| 1972-73 | 0.45 | 0.37 | 837 | 26.3 |
| 1973-74 | 0.46 | 0.46 | 1001 | 24.2 |
| 1974-75 | 0.38 | 0.36 | 954 | 21.0 |
| 1975-76 | 0.37 | 0.35 | 950 | 29.8 |
| 1976-77 | 0.43 | 0.42 | 969 | 30.2 |
| 1977-78 | 0.50 | 0.49 | 979 | 23.3 |
| 1978-79 | 0.41 | 0.45 | 1109 | 31.5 |
| 1979-80 | 0.43 | 0.44 | 1031 | 32.6 |
| 1980-81 | 0.45 | 0.48 | 1065 | 33.7 |
| 1981-82 | 0.44 | 0.52 | 1172 | 33.9 |

(Contd.)

Table 4.24(a) (*Contd.*)

| Year | Area | Production | Yield | Area Under Irrigation(%) |
|---------|------|------------|-------|--------------------------|
| (1) | (2) | (3) | (4) | (5) |
| 1982-83 | 0.50 | 0.58 | 1157 | 29.6 |
| 1983-84 | 0.44 | 0.49 | 1120 | 34.0 |
| 1984-85 | 0.44 | 0.49 | 1113 | 37.7 |
| 1985-86 | 0.40 | 0.44 | 1111 | 39.9 |
| 1986-87 | 0.39 | 0.46 | 1187 | 40.7 |
| 1987-88 | 0.32 | 0.37 | 1155 | 45.9 |
| 1988-89 | 0.38 | 0.49 | 1307 | 42.4 |
| 1989-90 | 0.41 | 0.55 | 1335 | 43.2 |
| 1990-91 | 0.41 | 0.56 | 1353 | 43.2 |
| 1991-92 | 0.43 | 0.58 | 1369 | 39.0 |
| 1992-93 | 0.42 | 0.60 | 1425 | 40.4 |
| 1993-94 | 0.38 | 0.56 | 1463 | 43.7 |
| 1994-95 | 0.38 | 0.57 | 1486 | 45.3 |
| 1995-96 | 0.39 | 0.54 | 1356 | 46.5 |
| 1996-97 | 0.43 | 0.62 | 1444 | 43.8 |
| 1997-98 | 0.46 | 0.64 | 1394 | 39.8 |
| 1998-99 | 0.51 | 0.74 | 1451 | 43.1 |
| 1999-00 | 0.43 | 0.52 | 1211 | 46.0 |
| 2000-01 | 0.26 | 0.34 | 1318 | 52.8 |
| 2001-02 | 0.35 | 0.55 | 1565 | 43.6 |
| 2002-03 | 0.33 | 0.49 | 1506 | 46.2 |
| 2003-04 | 0.37 | 0.55 | 1486 | 49.9 |
| 2004-05 | 0.37 | 0.55 | 1498 | 42.3 |
| 2005-06 | 0.37 | 0.50 | 1351 | 40.9 |
| 2006-07 | 0.37 | 0.47 | 1274 | 40.6 |
| 2007-08 | 0.35 | 0.44 | 1255 | 52.6 |
| 2008-09 | 0.39 | 0.57 | 1456 | 46.0 |
| 2009-10 | 0.44 | 0.69 | 1559 | 44.6 |
| 2010-11 | 0.49 | 0.80 | 1632 | 47.1 |
| 2011-12 | 0.47 | 0.75 | 1613 | 50.9 |
| 2012-13 | 0.43 | 0.66 | 1542 | 54.2 |
| 2013-14 | 0.46 | 0.74 | 1612 | 54.2 |

Source: Directorate of Economics & Statistics, DAC&FW

NA- Not available

Table 4.24(b): Tobacco: Area, Production and Yield during 2012-13 and 2013-14 in major Producing States alongwith coverage under Irrigation

| State | 2013-14 | | | 2012-13 | | | Area - '000 Hectares Production - '000 Tonnes Yield - Kg./ Hectare | | | | |
|------------------|---------------|----------------------------|-------------------|----------------------------|--------------|---------------|--|-------------------|----------------------------|---------------|---|
| | Area (1) | % to All - India (2) | Production (3) | % to All - India (4) | Yield (5) | Area (6) | % to All - India (7) | Production (8) | % to All - India (9) | Yield (10) | Area Under Irrigation(%) 2012-13* |
| Andhra Pradesh | 143.00 | 31.37 | 276.00 | 37.55 | 1930 | 134.00 | 31.45 | 268.00 | 40.79 | 2000 | 29.2 |
| Gujarat | 137.00 | 30.05 | 240.00 | 32.65 | 1752 | 124.00 | 29.10 | 212.00 | 32.27 | 1710 | 100.0 |
| Karnataka | 109.00 | 23.91 | 90.00 | 12.24 | 826 | 106.00 | 24.88 | 67.00 | 10.20 | 632 | 11.1 |
| Uttar Pradesh | 26.00 | 5.70 | 57.20 | 7.78 | 2200 | 23.79 | 5.58 | 51.05 | 7.77 | 2146 | 99.9 |
| Bihar | 12.11 | 2.66 | 23.01 | 3.13 | 1900 | 10.91 | 2.56 | 20.63 | 3.14 | 1891 | 97.4 |
| Tamil Nadu | 3.73 | 0.82 | 5.69 | 0.77 | 1525 | 4.18 | 0.98 | 6.39 | 0.97 | 1529 | 96.5 |
| Maharashtra | 2.00 | 0.44 | 2.00 | 0.27 | 1000 | 1.00 | 0.23 | 1.00 | 0.15 | 1000 | 16.6 |
| Others | 23.06 | 5.06 | 41.14 | 5.60 | 1784 | 22.18 | 5.21 | 30.93 | 4.71 | 1394 | - |
| All India | 455.90 | 100.00 | 735.04 | 100.00 | 1612 | 426.06 | 100.00 | 657.00 | 100.00 | 1542 | 54.2 |

Source: Directorate of Economics & Statistics, DAC&FW

Note: States have been arranged in descending order of percentage share of production during 2012-13.

* Provisional

Table 4.25: All-India Area, Production and Yield of Guarseed and Sannhemp

| Year | Area (1) | Production (2) | Area - '000 Hectares |
|------------------|-------------|-------------------|---------------------------|
| | | | Yield - Kg/Hectare (4) |
| Guarseed* | | | |
| 1997-98 | 2301.2 | 962.7 | 418 |
| 1998-99 | 1922.1 | 488.5 | 254 |
| 1999-00 | 2933.9 | 375.1 | 128 |
| 2000-01 | 3497.4 | 658.8 | 188 |
| 2001-02 | 2903.1 | 1089.9 | 375 |
| 2002-03 | 975.1 | 199.2 | 204 |
| 2003-04 | 2854.0 | 1513.4 | 530 |
| 2004-05 | 2867.4 | 903.3 | 315 |
| 2005-06 | 2955.5 | 1059.0 | 358 |
| 2006-07 | 3343.7 | 1169.3 | 350 |
| 2007-08 | 3472.6 | 1788.5 | 515 |
| 2008-09 | 3862.5 | 1935.8 | 501 |
| 2009--10 | 2995.2 | 594.7 | 199 |
| 2010-11 | 3382.2 | 1965.3 | 581 |
| 2011-12 | 3449.4 | 2222.1 | 644 |
| 2012-13 | 5151.7 | 2457.8 | 477 |
| 2013-14 | 5962.5 | 3587.9 | 602 |
| Sannhemp# | | | |
| 1997-98 | 54.6 | 64.5 | 213 |
| 1998-99 | 47.5 | 58.9 | 223 |
| 1999-00 | 49.8 | 62.1 | 224 |
| 2000-01 | 56.3 | 66.5 | 213 |
| 2001-02 | 50.6 | 64.7 | 230 |
| 2002-03 | 45.4 | 50.9 | 202 |
| 2003-04 | 37.0 | 53.3 | 260 |
| 2004-05 | 35.5 | 56.7 | 298 |
| 2005-06 | 33.4 | 57.4 | 310 |
| 2006-07 | 32.9 | 60.9 | 334 |
| 2007-08 | 32.1 | 58.0 | 326 |
| 2008-09 | 27.0 | 54.7 | 364 |
| 2009--10 | 24.6 | 73.7 | 540 |
| 2010-11 | 28.2 | 101.4 | 647 |
| 2011-12 | 21.2 | 77.6 | 660 |
| 2012-13 | 17.5 | 59.1 | 608 |
| 2013-14 | 16.2 | 56.6 | 630 |

Source: Directorate of Economics & Statistics, DAC&FW

* Production in '000 Tonnes

Production in '000 Bales of 180 Kgs each

Table 4.26: Production of Oilseeds & Oils and Net Availability of Edible Oils

| Oilseeds / Oils | Qty in Lakh Tonnes | | | | | | 2008-09 | |
|---|--------------------|-------|--------------|-------|--------------|-------|--------------|--|
| | 2003-04 | | 2004-05 | | 2005-06 | | | |
| | Oilseeds | Oils | Oilseeds | Oils | Oilseeds | Oils | | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | |
| A. Primary Source | | | | | | | | |
| Groundnut | 81.27 | 18.69 | 67.74 | 15.58 | 79.93 | 18.38 | 48.64 | |
| Rapeseed & Mustard | 62.91 | 19.50 | 75.93 | 23.54 | 81.31 | 25.21 | 74.38 | |
| Soyabean | 78.18 | 12.51 | 68.77 | 11.00 | 82.74 | 13.24 | 88.51 | |
| Sunflower | 9.30 | 3.07 | 11.87 | 3.92 | 14.39 | 4.75 | 12.28 | |
| Sesamum | 7.82 | 2.42 | 6.74 | 2.09 | 6.41 | 1.99 | 6.18 | |
| Nigerseed | 1.09 | 0.33 | 1.12 | 0.34 | 1.08 | 0.32 | 1.21 | |
| Safflower | 1.35 | 0.40 | 1.74 | 0.52 | 2.29 | 0.69 | 2.40 | |
| Castor | 7.97 | 3.19 | 7.93 | 3.17 | 9.91 | 3.96 | 7.62 | |
| Linseed | 1.97 | 0.59 | 1.70 | 0.51 | 1.73 | 0.52 | 1.68 | |
| Sub Total | 251.86 | 60.70 | 243.54 | 60.67 | 279.79 | 69.06 | 242.89 | |
| B. Secondary Source | | | | | | | | |
| Coconut | 5.50 | | 5.50 | | 4.20 | | 4.50 | |
| Cottonseed | 4.30 | | 4.30 | | 5.70 | | 6.30 | |
| Ricebran | 6.00 | | 6.20 | | 6.80 | | 7.00 | |
| Solvent Extracted Oils | 3.30 | | 3.50 | | 4.30 | | 3.50 | |
| Tree & Forest Origin | 0.80 | | 0.80 | | 1.30 | | 1.20 | |
| Sub Total | 19.90 | | 20.30 | | 22.30 | | 22.50 | |
| Total(A+B) | 80.60 | | 80.97 | | 91.36 | | 81.50 | |
| C. Less: Exports & Industrial Use | | | | | | | | |
| D. Net Domestic Availability of Edible Oils | 71.40 | | 72.47 | | 83.16 | | 73.70 | |
| E. Import of Edible Oils \$ | 52.90 | | 45.42 | | 42.88 | | 47.15 | |
| F. Total Availability/ Consumption of Edible Oils | 124.30 | | 117.89 | | 126.04 | | 120.85 | |

(Contd.)

Table 4.26 (Contd.)

| | Qty in Lakh Tonnes | | | | | | | | | |
|--|--------------------|-------|----------------|-------|--------------|---------------|----------|---------------|-----------|---------------|
| | 2009-10 | | 2010-11 | | 2011-12 | | 2012-13 | 2013-14* | 2014-15** | |
| | Oilseeds | Oils | Oilseeds | Oils | Oilseeds | Oils | (21) | (22) | (23) | (24) |
| (14) | (15) | (16) | (17) | (18) | (19) | (20) | | | | |
| A. Primary Source | | | | | | | | | | |
| Groundnut | 54.29 | 12.49 | 82.65 | 19.01 | 69.64 | 16.02 | 46.95 | 10.80 | 97.14 | 22.34 |
| Rapeseed & Mustard | 66.08 | 20.48 | 81.79 | 25.35 | 66.04 | 20.47 | 80.29 | 24.89 | 78.77 | 24.42 |
| Soyabean | 99.65 | 15.94 | 127.36 | 20.38 | 122.14 | 19.54 | 146.66 | 23.47 | 118.6 | 18.97 |
| Sunflower | 8.51 | 2.81 | 6.51 | 2.15 | 5.16 | 1.70 | 5.44 | 1.80 | 5.04 | 1.66 |
| Sesamum | 5.88 | 1.82 | 8.93 | 2.77 | 8.10 | 2.51 | 6.85 | 2.12 | 7.15 | 2.21 |
| Nigerseed | 1.00 | 0.30 | 1.08 | 0.32 | 0.98 | 0.29 | 1.02 | 0.31 | 0.98 | 0.29 |
| Safflower | 1.79 | 0.54 | 1.50 | 0.45 | 1.45 | 0.44 | 1.09 | 0.33 | 1.13 | 0.31 |
| Castor | 10.09 | 4.04 | 13.50 | 5.40 | 22.95 | 9.18 | 19.64 | 7.86 | 17.27 | 6.91 |
| Linseed | 1.54 | 0.46 | 1.47 | 0.44 | 1.52 | 0.46 | 1.49 | 0.45 | 1.41 | 0.41 |
| Sub Total | 248.83 | 58.88 | 324.79 | 76.27 | 297.98 | 70.61 | 309.43 | 72.03 | 327.49 | 77.52 |
| B. Secondary Source | | | | | | | | | | |
| Coconut | 4.50 | | 4.00 | | 4.00 | | - | 3.90 | - | 4.30 |
| Cottonseed | 8.00 | | 10.89 | | 11.62 | | - | 11.57 | - | 12.40 |
| Ricebran | 7.20 | | 7.20 | | 7.50 | | - | 7.8 | - | 8.10 |
| Solvent Extracted Oils | 4.20 | | 4.20 | | 4.10 | | - | 4.10 | - | 4.10 |
| Tree & Forest Origin | 1.20 | | 1.20 | | 1.20 | | - | 1.20 | - | 1.20 |
| Sub Total | 25.10 | | 27.49 | | 28.42 | | - | 28.57 | - | 30.10 |
| Total(A+B) | 83.98 | | 103.760 | | 99.03 | | - | 100.60 | - | 107.62 |
| C. Less: Exports & Industrial Use | 4.52 | | 5.94 | | - | 9.46 | - | 8.41 | - | 7.10 |
| D. Net Domestic Availability of Edible Oils | 79.46 | | 97.82 | | - | 89.57 | - | 92.19 | - | 101.90 |
| E. Import of Edible Oils \$ | 88.23 | | 72.42 | | - | 99.43 | - | 106.05 | - | 109.76 |
| F. Total Availability/ Consumption of Edible Oils | 167.69 | | 170.24 | | - | 189.00 | - | 198.24 | - | 211.66 |

Source: Directorate of Vanaspati, Vegetable Oils and Fats

* Based on final Estimate (released by Ministry of Agriculture and Farmers Welfare on 17.08.2015)

** Based on 4th Advance Estimates (released by Ministry of Agriculture and Farmers Welfare on 17.08.2015)

§ Directorate General of Commercial Intelligence & Statistics (Department of Commerce)

Table 4.27: State wise Quantity of Crude Palm Oil (CPO) under Oil Palm Development Programme (OPDP)

| State (1) | 2005-06 (2) | 2006-07 (3) | 2007-08 (4) | 2008-09 (5) | 2009-10 (6) | 2010-11 (7) | 2011-12 (8) | 2012-13 (9) | 2013-14 (10) | 2014-15(P) (11) |
|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|--------------------|
| Andhra Pradesh | 43500 | 35509 | 38000 | 43593 | 57402 | 63487 | 97987 | 127570 | 161566 | 177176 |
| Karnataka | 793 | 974 | 1037 | 1170 | 1118 | 1459 | 1740 | 1770 | 1736 | 2176 |
| Tamil Nadu | 178 | 249 | 273 | 366 | 365 | 486 | 759 | 1035 | 820 | 1019 |
| Gujarat | NR | Nil | NA | 0 | 0 | 0 | 0 | 0 | 0 | NA |
| Odisha | 0 | 0 | NA | 476 | 589 | 871 | 2162 | 443 | 558 | 557 |
| Goa | 379 | 345 | 342 | 393 | 279 | 329 | 394 | 372 | 371 | 390 |
| Tripura | NA | 0 | 0 | NA |
| Assam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerala | 6478 | 6888 | 5750 | 7400 | 6600 | 6900 | 7500 | 7378 | 6303 | 6515 |
| Andaman & Nicobar | 0 | 0 | NA | NA | NA | NA | NA | 0 | 0 | NA |
| Mizoram | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 696 |
| Telangana | 0 | 0 | 0 | 4770 | 5100 | 5655 | 8494 | 6825 | 9373 | 10008 |
| Total | 51328 | 43965 | 45403 | 58167 | 71453 | 79187 | 110541 | 138567 | 180727 | 198539 |

Source: Department of Agriculture, Cooperation & Farmers Welfare

P Provisional

NA- Not available

NR- Not reported

Table 4.28(a): State-wise Production of Oil Palm Fresh Fruit Bunches

| State (1) | 2005-06 (2) | 2006-07 (3) | 2007-08 (4) | 2008-09 (5) | 2009-10 (6) | 2010-11 (7) | 2011-12 (8) | 2012-13 (9) | 2013-14 (10) | 2014-15 (P) (11) |
|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|---------------------|
| Andhra Pradesh | 203000 | 215000 | 226200 | 259495 | 347892 | 385009 | 573024 | 790881 | 933981 | 1024140 |
| Karnataka | 4528 | 5415 | 5763.65 | 6685 | 6387 | 8337 | 9942 | 10112 | 9917 | 12638 |
| Tamil Nadu | 1202 | 1584.02 | 1659 | 1987 | 2080 | 2920 | 4743 | 5244 | 5495 | 6660 |
| Gujarat | 20 | 10.25 | 12 | 2 | 6 | 26 | 91 | 134 | 158 | 409 |
| Odisha | 0 | 0 | 0 | 2799 | 3464 | 5128 | 12720 | 2920 | 3639 | 3769 |
| Goa | 2143 | 1951 | 1936 | 2236 | 1591 | 1878 | 2229 | 2056 | 2046 | 2207 |
| Tripura | NA | 447.12 | NA | 0 | NA | NA | NA | 0 | 0 | NA |
| Assam | 0 | 0 | NR | NR | NR | NR | NR | 0 | 0 | NA |
| Kerala | 33795 | 34496 | 29300 | 38400 | 35100 | 41000 | 43200 | 41350 | 38350 | 40792 |
| Andaman & Nicobar | 0 | NA | NA | NA | NA | NA | NA | 0 | 0 | NA |
| Mizoram | 0 | 0 | 0 | 0 | 2 | 32 | 88 | 480 | 1339 | 1544 |
| Telangana | 0 | 0 | 0 | 0 | 28190 | 29937 | 32176 | 46779 | 38624 | 52752 |
| Total | 244688 | 258903 | 264871 | 339797 | 426488 | 476561 | 693207 | 892660 | 1047881 | 1150604 |

Source: Department of Agriculture, Cooperation & Farmers Welfare

P Provisional

NA- Not available

NR- Not reported

Table 4.28(b): Target and Achievement of Area Expansion under Oil Palm Development Programme (OPDP) of ISOPOM

| State | 2010-11 | | | | | | 2011-12 | | | | | | 2012-13 | | | | | | 2013-14 | | | | | |
|----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------------|--------------|--------------|------|------|---------|------|-------------|------|------|------|---------|------|-------------|------|------|------|
| | Target | | Achievement | | | | Target | | Achievement | | | | Target | | Achievement | | | | Target | | Achievement | | | |
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) | (17) | (18) | (19) | (20) | (21) | (22) | (23) | (24) |
| Andhra Pradesh | 15000 | 6755 | 40000 | 12083 | 27000 | 12846 | 18081 | 10468 | 14000 | 14000 | 9259 | | | | | | | | | | | | | |
| Karnataka | 3600 | 2936 | 7000 | 4314 | 5186 | 2513 | 6173 | 2858 | 3100 | 1911 | | | | | | | | | | | | | | |
| Tamil Nadu | 3000 | 2200 | 7000 | 2134 | 5866 | 1200 | 6166 | 1177 | 1600 | 694 | | | | | | | | | | | | | | |
| Gujarat | 1000 | 286 | 1000 | 904 | 1130 | 377 | 1253 | 454 | 450 | 313 | | | | | | | | | | | | | | |
| Odisha | 3000 | 3000 | 3700 | 4300 | 5000 | 3150 | 4000 | 2000 | 1246 | 1452 | | | | | | | | | | | | | | |
| Goa | 20 | 2 | 20 | 6 | 0 | 0 | 0 | 0 | 7 | 7 | | | | | | | | | | | | | | |
| Tripura | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | | | |
| Assam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | | | |
| Kerala | 400 | 89 | 250 | 60 | 250 | 36 | 50 | 54 | 500 | 24 | | | | | | | | | | | | | | |
| Maharashtra | 250 | 80 | 200 | 200 | 250 | 194 | 306 | 0 | 0 | 0 | | | | | | | | | | | | | | |
| Mizoram | 2500 | 1877 | 1000 | 1970 | 5000 | 3711 | 5000 | 4532 | 4000 | 2789 | | | | | | | | | | | | | | |
| Chhattisgarh | 0 | 0 | 100 | 0 | 250 | 200 | 318 | 212 | 250 | 250 | | | | | | | | | | | | | | |
| Telangana | NA | 700 | NA | 2417 | NA | 2073 | NA | 1421 | 2000 | 972 | | | | | | | | | | | | | | |
| Total | 28770 | 17925 | 60270 | 28388 | 49932 | 26300 | 41347 | 23183.24 | 28166 | 17671 | | | | | | | | | | | | | | |

Source: Department of Agriculture, Cooperation & Farmers Welfare

P - Provisional

NA - Not Available

Table 4.28(c): Area Covered Under Oil Palm Development Programme

| State | Area Covered under oil palm | | | Area Uprooted (5) | Net Area (upto March, 2015) (6) |
|--|-----------------------------|-------------------|------------------------------|----------------------|---------------------------------------|
| | Prior to OPDP (2) | Under OPDP (3) | Total Cultivated Area (4) | | |
| Andhra Pradesh | 1232 | 144014 | 145246 | 5457 | 139789 |
| Karnataka | 1114 | 39166 | 40280 | 6842 | 33438 |
| Tamil Nadu | 0 | 29183 | 29183 | 5384 | 23799 |
| Gujarat | 0 | 4728 | 4728 | 219 | 4509 |
| Odisha | 0 | 17677 | 17677 | 0 | 17677 |
| Goa* | 0 | 938 | 938 | 42 | 896 |
| Tripura* | 0 | 530 | 530 | 0 | 530 |
| Assam | 0 | 10 | 10 | 0 | 10 |
| West Bengal | 0 | 0 | 0 | 0 | 0 |
| Kerala | 3646 | 2118 | 5764 | 0 | 5764 |
| Maharashtra* | 1000 | 474 | 1474 | 0 | 1474 |
| Andaman & Nicobar* | 1593 | 0 | 1593 | 0 | 1593 |
| Mizoram | 0 | 22760 | 22760 | 0 | 22760 |
| Chhattisgarh | 0 | 662 | 662 | 0 | 662 |
| Telangana | 0 | 15768 | 15768 | 0 | 15768 |
| Total | 8585 | 278028 | 286613 | 17944 | 268669 |
| Year-wise average area lost (presumed) | 0 | 17944 | 17944 | 0 | 0 |
| Existing Net Area | 8585 | 260084 | 268669 | 17944 | 268669 |

Source: Department of Agriculture, Cooperation & Farmers Welfare

* NMOOP is not being implemented.

4(B) Yield Rates of Principal Crops

Table 4.1.1 : All-India Estimates of Yield of Major Crops

| Crops | Season | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Yield (Kg/hectare) |
|----------------|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Rice | Autumn | 1349 | 2804 | 2892 | 3107 | 2186 | 1776 | 1938 | NA | 2158 | NA |
| | Winter | 1795 | 2000 | 1892 | 1968 | 1939 | 2338 | 2257 | NA | NA | NA |
| Kharif | | 2199 | 1963 | 2138 | 2054 | 2053 | 2050 | 2399 | NA | 2434 | NA |
| Total Kharif | | 1990 | 2024 | 2095 | 2082 | 2019 | 2121 | 2311 | 2373 | 2319 | 2292 |
| Rabi/Summer | | 3127 | 3130 | 3149 | 3010 | 3055 | 3173 | 3238 | 3353 | 3232 | 3315 |
| Total | | 2102 | 2131 | 2202 | 2178 | 2125 | 2239 | 2393 | 2461 | 2416 | 2390 |
| Wheat | Rabi | 2619 | 2708 | 2802 | 2907 | 2839 | 2989 | 3177 | 3117 | 3145 | 2872 |
| Jowar | Kharif | 1082 | 992 | 1176 | 1055 | 853 | 1119 | 1257 | 1171 | 1050 | 1026 |
| | Rabi | 726 | 727 | 894 | 904 | 865 | 827 | 741 | 644 | 896 | 910 |
| Total | | 880 | 844 | 1021 | 962 | 860 | 949 | 957 | 850 | 957 | 953 |
| Bajra | Kharif | 802 | 886 | 1042 | 1015 | 731 | 1079 | 1171 | 1198 | 1184 | 1272 |
| Maize | Kharif | 1799 | 1660 | 2122 | 2048 | 1740 | 2285 | 2234 | 2246 | 2346 | 2187 |
| | Rabi/Summer | 3076 | 3793 | 3854 | 4387 | 3694 | 4003 | 3765 | 4152 | 4050 | 4125 |
| Total | | 1938 | 1912 | 2335 | 2414 | 2024 | 2540 | 2478 | 2566 | 2676 | 2557 |
| Ragi | Kharif | 1534 | 1226 | 1552 | 1477 | 1489 | 1705 | 1641 | 1392 | 1661 | 1662 |
| Small Millets | Kharif | 443 | 475 | 530 | 491 | 460 | 553 | 565 | 578 | 630 | 641 |
| Barley | Rabi | 1938 | 2055 | 1985 | 2394 | 2172 | 2357 | 2516 | 2521 | 2718 | 2325 |
| Coarse Cereals | Kharif | 1178 | 1144 | 1410 | 1371 | 1119 | 1500 | 1563 | 1583 | 1619 | 1625 |
| | Rabi | 1152 | 1316 | 1510 | 1735 | 1525 | 1641 | 1689 | 1725 | 2034 | 2059 |
| Total | | 1172 | 1182 | 1431 | 1459 | 1212 | 1531 | 1590 | 1617 | 1717 | 1729 |

(Contd.)

Table 4.1.1 (*Contd.*)

| Crops | Season | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15* |
|------------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Cereals | | | | | | | | | | | |
| | Kharif | 1693 | 1706 | 1846 | 1841 | 1693 | 1893 | 2056 | 2116 | 2089 | NA |
| | Rabi | 2427 | 2526 | 2645 | 2721 | 2649 | 2800 | 2969 | 2931 | 2995 | NA |
| | Total | 1968 | 2020 | 2151 | 2183 | 2075 | 2256 | 2415 | 2449 | 2462 | NA |
| Tur (Arhar) | Kharif | 765 | 650 | 826 | 671 | 711 | 655 | 662 | 776 | 813 | 750 |
| Pulses Other Than Tur | Kharif | 300 | 349 | 429 | 376 | 244 | 536 | 474 | 477 | 439 | 470 |
| Gram | Rabi | 808 | 845 | 762 | 895 | 915 | 895 | 928 | 1036 | 960 | 875 |
| Pulses Other Than Gram | Rabi | 610 | 611 | 567 | 642 | 658 | 592 | 669 | 752 | 753 | 854 |
| Pulses | Kharif | 456 | 449 | 557 | 478 | 397 | 578 | 541 | 594 | 580 | 576 |
| | Rabi | 727 | 751 | 688 | 804 | 823 | 790 | 831 | 934 | 891 | 867 |
| | Total | 598 | 612 | 625 | 659 | 630 | 691 | 699 | 789 | 764 | 744 |
| Foodgrains | Kharif | 1511 | 1522 | 1645 | 1654 | 1496 | 1669 | 1821 | 1892 | 1864 | 1864 |
| | Rabi | 2020 | 2091 | 2174 | 2263 | 2202 | 2278 | 2430 | 2431 | 2435 | 2327 |
| | Total | 1715 | 1756 | 1860 | 1909 | 1798 | 1930 | 2078 | 2129 | 2120 | 2070 |

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

NA: Not available.

Table 4.1.2 : Kharif Foodgrains: State-wise yield

| State/UT | | | | | | | Yield (Kg/hectare) | | | |
|-------------------|---------|---------|---------|---------|---------|---------|--------------------|---------|---------|----------|
| | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15* |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| Andhra Pradesh | 2167 | 2073 | 2630 | 2466 | 1978 | 2143 | 2449 | 2569 | 2299 | 2387 |
| Arunachal Pradesh | 1201 | 1204 | 1234 | 1249 | 1568 | 1674 | 1780 | 1803 | 1818 | # |
| Assam | 1409 | 1210 | 1283 | 1514 | 1647 | 1783 | 1673 | 1875 | 1885 | 1963 |
| Bihar | 1096 | 1469 | 1197 | 1574 | 1145 | 1118 | 2152 | 2263 | 1758 | 1961 |
| Chhattisgarh | 1212 | 1236 | 1335 | 1100 | 1048 | 1539 | 1481 | 1633 | 1664 | 1496 |
| Goa | 2793 | 2440 | 2254 | 2454 | 2131 | 2452 | 2564 | 2583 | 2814 | #N/A! |
| Gujarat | 1238 | 1037 | 1380 | 1311 | 1204 | 1374 | 1403 | 1631 | 1547 | 1581 |
| Haryana | 2214 | 2466 | 2629 | 2283 | 2428 | 2323 | 2609 | 2801 | 2837 | 2715 |
| Himachal Pradesh | 1652 | 2044 | 2448 | 2008 | 1650 | 2037 | 2160 | 2002 | 2017 | 2256 |
| Jammu & Kashmir | 1656 | 1691 | 1710 | 1935 | 1611 | 1713 | 1706 | 2161 | 1877 | 1485 |
| Jharkhand | 1077 | 1595 | 1772 | 1785 | 1344 | 1250 | 1881 | 1941 | 1969 | 1937 |
| Karnataka | 1934 | 1470 | 1670 | 1682 | 1526 | 1940 | 1882 | 1732 | 1814 | 1899 |
| Kerala | 2214 | 2329 | 2227 | 2348 | 2456 | 2329 | 2588 | 2474 | 2497 | 2584 |
| Madhya Pradesh | 963 | 792 | 903 | 931 | 902 | 957 | 1115 | 1279 | 1264 | 1394 |
| Maharashtra | 1077 | 1093 | 1272 | 1084 | 1085 | 1329 | 1374 | 1281 | 1412 | 1185 |
| Manipur | 2241 | 2241 | 2348 | 2285 | 1832 | 2371 | 2541 | 2264 | 2131 | # |
| Meghalaya | 1405 | 1632 | 1556 | 1599 | 1623 | 1616 | 1688 | 1745 | 2193 | # |
| Mizoram | 1745 | 767 | 263 | 887 | 1014 | 1223 | 1351 | 1779 | 1503 | # |

(Contd.)

Table 4.1.2 (*Contd.*)

| State/UT | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15* |
|------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| Nagaland | 1614 | 1503 | 1589 | 1846 | 1264 | 1965 | 1974 | 2029 | 2083 | # |
| Odisha | 1346 | 1352 | 1486 | 1342 | 1385 | 1410 | 1258 | 1575 | 1582 | 1730 |
| Punjab | 3765 | 3792 | 3952 | 3961 | 3960 | 3804 | 3735 | 3970 | 3939 | 3822 |
| Rajasthan | 505 | 637 | 820 | 804 | 376 | 864 | 844 | 890 | 789 | 1002 |
| Sikkim | 1403 | 1403 | 1451 | 1397 | 1588 | 1523 | 1516 | 1547 | 1585 | # |
| Tamil Nadu | 2025 | 2805 | 2347 | 2344 | 2671 | 2598 | 3440 | 2336 | 2765 | 2824 |
| Tripura | 2169 | 2433 | 2549 | 2684 | 2639 | 2545 | 2542 | 2664 | 2637 | # |
| Uttar Pradesh | 1697 | 1628 | 1784 | 1904 | 1761 | 1827 | 2057 | 2142 | 2130 | 1862 |
| Uttarakhand | 1551 | 1606 | 1653 | 1580 | 1577 | 1535 | 1670 | 1693 | 1725 | 1800 |
| West Bengal | 2350 | 2356 | 2302 | 2415 | 2371 | 2457 | 2520 | 2551 | 2559 | 2495 |
| A & N Islands | 2879 | 2870 | 3013 | 2802 | 2947 | 2843 | 2878 | 2713 | 2029 | # |
| D & N Haveli | 1545 | 1545 | 1545 | 1529 | 1018 | 1637 | 1544 | 1664 | 1607 | # |
| Delhi | 2054 | 2492 | 2372 | 2403 | 2210 | 2365 | 2279 | 2308 | 3435 | # |
| Daman & Diu | 2056 | 2056 | 1739 | 2054 | 1652 | 1609 | 1650 | 1669 | 1754 | # |
| Puducherry | 2372 | 2372 | 2488 | 2308 | 2459 | 2558 | 2488 | 2794 | 3535 | # |
| Others | NA | 2321 |
| All India | 1511 | 1522 | 1645 | 1654 | 1496 | 1669 | 1821 | 1892 | 1864 | 1864 |

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

Averaged out in Others
NA- Not available

Table 4.1.3 : Rabi Foodgrains: State-wise yield

| State/UT | | | | | | | Yield (Kg/hectare) | | | |
|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------------|----------------|----------------|------------------|
| | 2005-06 (1) | 2006-07 (2) | 2007-08 (3) | 2008-09 (4) | 2009-10 (5) | 2010-11 (6) | 2011-12 (7) | 2012-13 (8) | 2013-14 (9) | 2014-15* (10) |
| Andhra Pradesh | 2669 | 2452 | 2590 | 3123 | 2677 | 3052 | 2622 | 2805 | 3108 | 3031 |
| Arunachal Pradesh | 1390 | 1402 | 1348 | 1340 | 1491 | 1653 | 1744 | 1496 | 1504 | # |
| Assam | 1446 | 1594 | 1774 | 1704 | 1726 | 1684 | 1829 | 2293 | 2029 | 2167 |
| Bihar | 1563 | 1876 | 1966 | 1991 | 1943 | 1826 | 2035 | 2480 | 2310 | 1933 |
| Chhattisgarh | 572 | 661 | 708 | 702 | 770 | 786 | 797 | 857 | 729 | 1040 |
| Goa | 1067 | 1383 | 1892 | 1042 | 1093 | 1063 | 839 | 2073 | 2462 | # |
| Gujarat | 2298 | 2123 | 2660 | 2117 | 2308 | 2581 | 2542 | 2510 | 2755 | 2439 |
| Haryana | 3651 | 4066 | 3983 | 4209 | 4079 | 4448 | 4782 | 4263 | 4514 | 4455 |
| Himachal Pradesh | 1813 | 1373 | 1377 | 1498 | 929 | 1532 | 1654 | 1696 | 1907 | 1787 |
| Jammu & Kashmir | 1740 | 1829 | 1713 | 1671 | 980 | 1490 | 1656 | 1550 | 1990 | 1164 |
| Jharkhand | 1016 | 1173 | 1162 | 1246 | 1258 | 1296 | 1389 | 1540 | 1543 | 1447 |
| Karnataka | 1464 | 980 | 1301 | 1231 | 1139 | 1236 | 1154 | 1111 | 1270 | 1319 |
| Kerala | 2268 | 2338 | 2197 | 2754 | 2517 | 2625 | 3052 | 2772 | 2634 | 3541 |
| Madhya Pradesh | 1234 | 1398 | 1174 | 1306 | 1475 | 1271 | 1711 | 1874 | 1765 | 1906 |
| Maharashtra | 778 | 827 | 992 | 915 | 988 | 1019 | 853 | 719 | 991 | 881 |
| Manipur | 3273 | 510 | 510 | 996 | 1224 | 1822 | 1822 | 1645 | # | # |
| Meghalaya | 1886 | 1587 | 3463 | 3138 | 3163 | 3163 | 3228 | 3826 | 3872 | # |
| Mizoram | 1939 | 1174 | 1286 | 1263 | 2038 | 1902 | 1992 | 1435 | 1551 | # |
| Nagaland | 1622 | 1414 | 1188 | 1304 | 1077 | 1528 | 1978 | 1475 | # | (Contd.) |

Table 4.1.3 (*Contd.*)

| State/UT | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15* |
|---------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| Odisha | 1372 | 4197 | 1467 | 1520 | 1496 | 1588 | 1661 | 1713 | 1935 | 1759 |
| Punjab | 4165 | 2224 | 4495 | 4452 | 4298 | 4683 | 4888 | 4661 | 4972 | 4416 |
| Rajasthan | 1998 | 1142 | 2013 | 2370 | 2456 | 2115 | 2390 | 2458 | 2221 | 2375 |
| Sikkim | 1142 | 1923 | 940 | 1119 | 1024 | 942 | 1042 | 1027 | 1043 | # |
| Tamil Nadu | 1203 | 2304 | 1437 | 1817 | 1827 | 1759 | 2317 | 1499 | 2032 | 2024 |
| Tripura | 2272 | 2392 | 2599 | 2183 | 2344 | 2713 | 2872 | 2869 | 2827 | # |
| Uttar Pradesh | 2327 | 1946 | 2534 | 2714 | 2561 | 2809 | 2827 | 2840 | 2747 | 2303 |
| Uttarakhand | 1544 | 2858 | 1969 | 1880 | 2022 | 2217 | 2291 | 2302 | 2323 | 1853 |
| West Bengal | 2593 | 500 | 2994 | 2665 | 2855 | 2881 | 2953 | 3126 | 3098 | 3121 |
| A & N Islands | 500 | 975 | 571 | 571 | 606 | 442 | 575 | 508 | 807 | # |
| D & N Haveli | 975 | 4333 | 975 | 974 | 953 | 1046 | 1068 | 1139 | 1130 | # |
| Delhi | 4290 | 846 | 4347 | 4343 | 4362 | 4325 | 4344 | 4412 | 4408 | # |
| Daman & Diu | 846 | 1785 | 846 | 846 | 846 | NA | NA | NA | NA | # |
| Puducherry | 1785 | 2091 | 1455 | 1973 | 1935 | 1920 | 1545 | 2309 | 2710 | # |
| Others | NA | 4078 | |
| All India | 2020 | 2091 | 2174 | 2263 | 2202 | 2278 | 2430 | 2431 | 2435 | 2327 |

Source: Directorate of Economics & Statistics, DAC&FW

#4th Advance Estimates.

Averaged out in Others

NA- Not available

Table 4.1.4 : Total Foodgrains: State-wise yield

| State/UT | | | | | | | Yield (Kg/hectare) | | | |
|-------------------|------|------|------|------|------|------|--------------------|------|------|------|
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
| Andhra Pradesh | 2365 | 2231 | 2613 | 2744 | 2294 | 2530 | 2519 | 2670 | 2661 | 2653 |
| Arunachal Pradesh | 1212 | 1216 | 1241 | 1255 | 1555 | 1673 | 1778 | 1786 | 1794 | # |
| Assam | 1416 | 1286 | 1378 | 1551 | 1662 | 1763 | 1704 | 1962 | 1916 | 2012 |
| Bihar | 1311 | 1656 | 1546 | 1766 | 1530 | 1479 | 2098 | 2366 | 2018 | 1948 |
| Chhattisgarh | 1111 | 1148 | 1238 | 1041 | 1008 | 1424 | 1384 | 1506 | 1524 | 1433 |
| Goa | 2509 | 2254 | 2091 | 2231 | 1990 | 2264 | 2272 | 2361 | 2659 | # |
| Gujarat | 1551 | 1423 | 1831 | 1595 | 1560 | 1843 | 1874 | 1970 | 2097 | 1955 |
| Haryana | 3045 | 3393 | 3420 | 3388 | 3383 | 3526 | 3879 | 3689 | 3855 | 3772 |
| Himachal Pradesh | 1731 | 1714 | 1918 | 1757 | 1297 | 1787 | 1911 | 1850 | 1962 | 2011 |
| Jammu & Kashmir | 1680 | 1733 | 1711 | 1851 | 1405 | 1639 | 1690 | 1962 | 1915 | 1379 |
| Jharkhand | 1073 | 1550 | 1709 | 1720 | 1330 | 1257 | 1798 | 1876 | 1891 | 1855 |
| Karnataka | 1776 | 1289 | 1548 | 1511 | 1377 | 1684 | 1629 | 1488 | 1620 | 1684 |
| Kerala | 2219 | 2331 | 2221 | 2440 | 2470 | 2399 | 2695 | 2547 | 2530 | 2805 |
| Madhya Pradesh | 1130 | 1167 | 1069 | 1168 | 1285 | 1162 | 1510 | 1676 | 1603 | 1719 |
| Maharashtra | 948 | 940 | 1150 | 1001 | 1039 | 1184 | 1155 | 1038 | 1207 | 1043 |
| Manipur | 2241 | 2241 | 2297 | 2236 | 1796 | 2244 | 2397 | 1926 | 1745 | # |
| Meghalaya | 1455 | 1800 | 1774 | 1783 | 1809 | 1803 | 1873 | 1997 | 2387 | # |
| Mizoram | 1754 | 822 | 285 | 898 | 1047 | 1246 | 1382 | 1756 | 1506 | # |
| Nagaland | 1615 | 1482 | 1567 | 1811 | 1256 | 1958 | 1967 | 2027 | 2018 | # |

(Contd.)

Table 4.1.4 (*Contd.*)

| State/UT | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15* |
|------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| Odisha | 1349 | 1369 | 1484 | 1363 | 1262 | 1432 | 1303 | 1592 | 1625 | 1733 |
| Punjab | 3986 | 1359 | 4255 | 4231 | 4144 | 4280 | 4364 | 4347 | 4500 | 4144 |
| Rajasthan | 919 | 4017 | 1180 | 1263 | 931 | 1249 | 1348 | 1480 | 1334 | 1535 |
| Sikkim | 1354 | 991 | 1378 | 1351 | 1496 | 1448 | 1495 | 1608 | 1577 | # |
| Tamil Nadu | 1847 | 1354 | 2125 | 2225 | 2477 | 2393 | 3162 | 2131 | 2554 | 2529 |
| Tripura | 2194 | 2610 | 2563 | 2526 | 2544 | 2587 | 2620 | 2711 | 2680 | # |
| Uttar Pradesh | 2057 | 2399 | 2206 | 2365 | 2236 | 2386 | 2498 | 2542 | 2484 | 2117 |
| Uttarakhand | 1548 | 2057 | 1785 | 1715 | 1780 | 1841 | 1945 | 1962 | 1995 | 1824 |
| West Bengal | 2423 | 1760 | 2525 | 2493 | 2522 | 2601 | 2645 | 2717 | 2721 | 2691 |
| A & N Islands | 2713 | 2511 | 2485 | 2343 | 2399 | 2282 | 2512 | 2413 | 1930 | # |
| D & N Haveli | 1445 | 2746 | 1445 | 1434 | 1006 | 1533 | 1453 | 1585 | 1534 | # |
| Delhi | 3175 | 1445 | 3340 | 3348 | 3649 | 3647 | 3567 | 3531 | 4057 | # |
| Daman & Diu | 1548 | 3405 | 1417 | 1740 | 1361 | 1333 | 1650 | 1669 | 1754 | # |
| Puducherry | 2180 | 1548 | 2130 | 2201 | 2297 | 2351 | 2269 | 2650 | 3043 | # |
| Others | NA | 2778 |
| All India | 1715 | 1756 | 1860 | 1909 | 1798 | 1930 | 2078 | 2129 | 2120 | 2070 |

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

Included in others.

Averaged out in Others

NA- Not available

Table 4.1.5: Rice: State wise Yield

| Stats/UT | Season | | | | | | | Yield (Kg/hectare) | | | |
|-------------------|--------------|---------|---------|---------|---------|---------|---------|--------------------|---------|---------|----------|
| | | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15* |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Andhra Pradesh | Kharif | 2525 | 2631 | 3177 | 2990 | 2742 | 2570 | 2980 | 2882 | 2552 | 2744 |
| | Rabi | 3659 | 3682 | 3651 | 3700 | 3543 | 3777 | 3543 | 3806 | 3496 | 3632 |
| | Total | 2939 | 2984 | 3344 | 3246 | 3062 | 3035 | 3148 | 3173 | 2921 | 3036 |
| Arunachal Pradesh | Kharif | 1195 | 1195 | 1275 | 1293 | 1777 | 1925 | 2065 | 2086 | 2092 | # |
| Assam | Autumn | 999 | 887 | 983 | 1069 | 966 | 1137 | 1217 | 1296 | 1753 | NA |
| | Winter | 1520 | 1302 | 1359 | 1616 | 1796 | 1910 | 1757 | 1968 | 1921 | NA |
| | Kharif Total | 1421 | 1218 | 1293 | 1525 | 1662 | 1799 | 1688 | 1892 | 1903 | 1975 |
| | Summer | 1779 | 2019 | 2266 | 2133 | 2185 | 2082 | 2297 | 2965 | 2572 | 2899 |
| | Total | 1468 | 1332 | 1428 | 1614 | 1737 | 1843 | 1780 | 2061 | 2012 | 2135 |
| Bihar | Autumn | 940 | 962 | 635 | 1331 | 947 | 896 | 1399 | 1521 | 1142 | NA |
| | Winter | 1090 | 1584 | 1332 | 1647 | 1132 | 1100 | 2322 | 2420 | 1865 | NA |
| | Kharif Total | 1064 | 1486 | 1226 | 1596 | 1101 | 1063 | 2160 | 2268 | 1741 | 1941 |
| | Summer | 1369 | 1499 | 1561 | 1689 | 1737 | 2085 | 1912 | 2719 | 2342 | 2320 |
| | Total | 1075 | 1486 | 1237 | 1599 | 1120 | 1095 | 2155 | 2282 | 1759 | 1951 |
| Chattisgarh | Kharif | 1337 | 1354 | 1446 | 1176 | 1120 | 1663 | 1597 | 1746 | 1766 | 1581 |
| Goa | Autumn | 2866 | 2406 | 2277 | 2335 | 1900 | 2358 | 2521 | 2599 | 2828 | # |
| | Winter | 2731 | 2566 | 2430 | 2752 | 2600 | 2677 | 2688 | 2853 | 3202 | # |
| | Total Kharif | 2822 | 2458 | 2330 | 2466 | 2136 | 2467 | 2577 | 2679 | 2954 | # |
| Gujarat | Kharif | 1949 | 1799 | 1895 | 1698 | 1866 | 1956 | 2024 | 2095 | 2038 | 2045 |
| | Summer | - | - | 2970 | 3080 | 3048 | 908 | 3190 | 4586 | 3000 | 3100 |

(Contd.)

Table 4.1.5 (*Contd.*)

| States/UT | Season | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15* |
|------------------|--------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Haryana | Total | 1949 | 1894 | 1942 | 1744 | 1903 | 1852 | 2141 | 2198 | 2076 | 2085 |
| | Kharif | 3051 | 3238 | 3361 | 2726 | 3008 | 2789 | 3044 | 3272 | 3256 | 3113 |
| Himachal Pradesh | Kharif | 1412 | 1559 | 1546 | 1523 | 1381 | 1673 | 1705 | 1629 | 1625 | 1751 |
| Jammu & Kashmir | Kharif | 2150 | 2194 | 2133 | 2186 | 1914 | 1942 | 2078 | 3126 | 2250 | 1710 |
| Jharkhand | Autumn | 628 | - | - | - | - | - | 2131 | # | 2238 | 2210 |
| | Winter | 1223 | - | - | - | - | - | NA | NA | NA | NA |
| Kharif/Toral | Rabi | 1150 | 1832 | 2024 | 2036 | 1547 | 1541 | 2131 | 2238 | 2238 | 2210 |
| | Total | 1150 | 1828 | 2018 | 2031 | 1546 | 1541 | 2131 | 2238 | 2238 | 2210 |
| Karnataka | Kharif | 3657 | 2402 | 2545 | 2412 | 2345 | 2705 | 2717 | 2545 | 2545 | 2702 |
| | Rabi | 3200 | 2227 | 2100 | 2146 | 2237 | 2189 | 2186 | 1588 | 1588 | NA |
| | Summer | 4574 | 2761 | 2948 | 2883 | 2945 | 2838 | 3227 | 3381 | 3433 | NA |
| | Rabi/ Summer | 4423 | 2690 | 2855 | 2805 | 2875 | 2759 | 3077 | 3030 | 3077 | 3250 |
| | Total | 3868 | 2470 | 2625 | 2511 | 2482 | 2719 | 2793 | 2632 | 2666 | 2827 |
| Kerala | Autumn | 2162 | 2264 | 2169 | 2428 | 2486 | 2415 | 2519 | 2548 | 2625 | 2590 |
| | Winter | 2299 | 2408 | 2371 | 2370 | 2533 | 2348 | 2675 | 2451 | 2426 | NA |
| | Kharif/Toral | 2246 | 2352 | 2286 | 2395 | 2514 | 2377 | 2609 | 2492 | 2511 | 2590 |
| | Summer | 2726 | 2622 | 2407 | 2980 | 2719 | 2689 | 3155 | 2847 | 2682 | 3590 |
| | Total | 2284 | 2390 | 2310 | 2519 | 2557 | 2452 | 2733 | 2577 | 2551 | 2818 |
| Madhya Pradesh | Kharif | 999 | 824 | 938 | 927 | 872 | 1106 | 1340 | 1474 | 1474 | 1684 |
| Maharashtra | Kharif | 1770 | 1669 | 1898 | 1489 | 1474 | 1766 | 1837 | 1965 | 1924 | 1874 |

(Contd.)

Table 4.1.5 (*Contd.*)

| Stats/UT | Season | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15* |
|------------|--------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Manipur | Rabi | 2098 | 2105 | 2128 | 2273 | 2250 | 2219 | 2074 | 1897 | 2289 | 2457 |
| | Total | 1779 | 1680 | 1903 | 1501 | 1485 | 1776 | 1841 | 1963 | 1934 | 1891 |
| Meghalaya | Kharif | 2322 | 2322 | 2446 | 2357 | 1889 | 2453 | 2642 | 2546 | 2201 | # |
| | Kharif | 1432 | 1695 | 1602 | 1651 | 1673 | 1671 | 1752 | 1807 | 2241 | # |
| Mizoram | Rabi | 2214 | 4000 | 4147 | 3641 | 3679 | 3705 | 3762 | 4510 | 4326 | # |
| | Total | 1598 | 1916 | 1880 | 1886 | 1910 | 1912 | 1988 | 2125 | 2493 | # |
| Nagaland | Kharif | 1770 | 510 | 285 | 882 | 938 | 1160 | 1392 | 2091 | 1521 | # |
| | Rabi | 2600 | 1682 | 1000 | 2000 | 1500 | NA | 3000 | 1933 | 1600 | # |
| Odisha | Total | 1778 | 559 | 288 | 885 | 939 | 1160 | 1411 | 2088 | 1522 | # |
| | Kharif | 1682 | 1600 | 1685 | 1994 | 1426 | 2102 | 2106 | 2204 | 2260 | # |
| Rajasthan | Autumn | 872 | 1011 | 1097 | 1040 | 900 | 831 | 778 | 948 | 762 | NA |
| | Winter | 1623 | 1580 | 1750 | 1541 | 1635 | 1658 | 1433 | 1849 | 1857 | NA |
| Sikkim | Kharif Total | 1482 | 1476 | 1633 | 1455 | 1512 | 1516 | 1340 | 1715 | 1697 | 1886 |
| | Summer | 2163 | 2293 | 2447 | 2451 | 2713 | 2959 | 3213 | 3165 | 3422 | 3302 |
| Tamil Nadu | Total | 1531 | 1534 | 1694 | 1529 | 1585 | 1616 | 1450 | 1814 | 1821 | 1989 |
| | Kharif | 3858 | 3868 | 4019 | 4022 | 4010 | 3828 | 3741 | 3998 | 3952 | 3838 |
| Tamil Nadu | Kharif | 1425 | 1577 | 2031 | 1807 | 1515 | 2025 | 1886 | 1771 | 2147 | 2186 |
| | Autumn | 3655 | 4914 | 4044 | 3850 | 4406 | 4362 | 5623 | 3893 | 4448 | NA |
| (Contd.) | Winter | 2338 | 3144 | 2587 | 2464 | 2820 | 2792 | 3599 | 2492 | 2848 | NA |
| | Kharif Total | 2483 | 3339 | 2748 | 2617 | 2994 | 2965 | 3821 | 2646 | 3024 | NA |

Table 4.1.5 (*Contd.*)

| State/UT | Season | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15* |
|---------------|--------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Tripura | Summer | 3216 | 4325 | 3559 | 3389 | 3878 | 3838 | 4950 | 3426 | 3916 | 4030 |
| | Total | 2546 | 3423 | 2817 | 2683 | 3070 | 3040 | 3918 | 2772 | 3100 | 3191 |
| | Autumn | 1705 | 1915 | 2172 | 2465 | 2189 | 2424 | 2432 | 2548 | 2596 | # |
| Kharif/Toral | Winter | 2384 | 2678 | 2687 | 2788 | 2772 | 2638 | 2647 | 2773 | 2773 | # |
| | Summer | 2225 | 2500 | 2609 | 2747 | 2698 | 2602 | 2611 | 2736 | 2743 | # |
| | Total | 2260 | 2472 | 2633 | 2586 | 2606 | 2655 | 2700 | 2800 | 2800 | # |
| Uttar Pradesh | Kharif | 1906 | 1878 | 2062 | 2171 | 2083 | 2120 | 2357 | 2459 | 2446 | 2080 |
| | Rabi/Summer | 2179 | 2278 | 2526 | 2091 | 2270 | 2316 | 2458 | 2583 | 2593 | 2593 |
| | Total | 1906 | 1879 | 2063 | 2171 | 2084 | 2120 | 2358 | 2460 | 2447 | 2082 |
| Uttarakhand | Kharif | 1925 | 1952 | 1993 | 1907 | 2025 | 1820 | 2056 | 2152 | 2233 | 2258 |
| | Zaid/Rabi | 2889 | 2875 | 3308 | 3067 | 2813 | 3309 | 3357 | 3208 | 3327 | 3286 |
| | Total | 1954 | 1979 | 2052 | 1966 | 2068 | 1901 | 2121 | 2206 | 2289 | 2313 |
| West Bengal | Autumn | 2102 | 2026 | 2009 | 2069 | 2181 | 2138 | 2213 | 2297 | 2612 | NA |
| | Winter | 2397 | 2411 | 2350 | 2465 | 2408 | 2507 | 2565 | 2596 | NA | NA |
| | Kharif/Toral | 2378 | 2386 | 2327 | 2439 | 2396 | 2485 | 2547 | 2581 | 2612 | NA |
| A & N Islands | Summer | 2938 | 3226 | 3259 | 2800 | 2991 | 3039 | 3174 | 3372 | 3366 | 3377 |
| | Total | 2509 | 2593 | 2573 | 2533 | 2547 | 2639 | 2688 | 2760 | 2788 | 2731 |
| | Kharif | 2896 | 2896 | 3000 | 2797 | 3059 | 2851 | 2960 | 2739 | 2029 | # |
| D & N Haveli | Kharif | 1743 | 1743 | 1743 | 1721 | 1076 | 1930 | 1739 | 1928 | 1876 | # |
| | Delhi | 3200 | 4203 | 4243 | 2834 | 2787 | 2885 | 2935 | 4906 | 1805 | # |
| Daman & Diu | Kharif | 2056 | 2056 | 1750 | 2111 | 1650 | 1650 | 1712 | 1805 | # | |

(Contd.)

Table 4.1.5 (*Contd.*)

| Stats/UT | Season | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15* |
|--------------|--------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Puducherry | Autumn | 2810 | 2810 | 2932 | 2733 | 2903 | 2875 | 3017 | 3270 | 3554 | # |
| | Winter | 2195 | 2195 | 2465 | 2142 | 2272 | 2435 | 2273 | 2602 | 2867 | # |
| Kharif Total | Kharif | 2387 | 2387 | 2595 | 2310 | 2458 | 2561 | 2490 | 2792 | 3056 | # |
| | Summer | 2719 | 2719 | 2696 | 2860 | 2647 | 2712 | 2886 | 3075 | 3438 | # |
| Others | Total | 2465 | 2465 | 2618 | 2442 | 2504 | 2596 | 2538 | 2857 | 3147 | # |
| | Kharif | - | - | - | - | - | - | - | - | NA | 2559 |
| Rabi | Rabi | - | - | - | - | - | - | - | - | NA | 2272 |
| | Total | - | - | - | - | - | - | - | - | NA | 2488 |
| All India | Autumn | 1349 | 2804 | 2892 | 3107 | 2186 | 1776 | 1938 | 1674 | 1891 | NA |
| | Winter | 1795 | 2000 | 1892 | 1968 | 1939 | 2338 | 2257 | 2283 | 2219 | NA |
| Kharif | Kharif | 2199 | 1963 | 2138 | 2054 | 2053 | 2051 | 2399 | 2477 | 2434 | NA |
| | Kharif Total | 1990 | 2024 | 2095 | 2082 | 2019 | 2121 | 2311 | 2373 | 2319 | 2292 |
| Summer/rabi | Summer/rabi | 3127 | 3130 | 3149 | 3010 | 3055 | 3176 | 3238 | 3353 | 3232 | 3315 |
| | Total | 2102 | 2131 | 2202 | 2178 | 2125 | 2239 | 2393 | 2461 | 2416 | 2390 |

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

Averaged out in Others

NA: Not available.

Table 4.1.6: Wheat: State wise Yield

| State/ UT | | | | | | | Yield (Kg/hectare) | | | |
|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------------|----------------|----------------|------------------|
| | 2005-06 (1) | 2006-07 (2) | 2007-08 (3) | 2008-09 (4) | 2009-10 (5) | 2010-11 (6) | 2011-12 (7) | 2012-13 (8) | 2013-14 (9) | 2014-15* (10) |
| Andhra Pradesh | 818 | 900 | 889 | 1143 | 1000 | 1300 | 1375 | 1250 | 500 | 1000 |
| Arunachal Pradesh | 1525 | 1575 | 1472 | 1576 | 1505 | 1595 | 1757 | 1498 | 1510 | # |
| Assam | 1074 | 1117 | 1268 | 1090 | 1087 | 1179 | 1147 | 1304 | 1292 | 1257 |
| Bihar | 1617 | 1908 | 2058 | 2043 | 2084 | 1948 | 2206 | 2427 | 2358 | 1851 |
| Chhattisgarh | 886 | 1002 | 1059 | 1040 | 1086 | 1144 | 1227 | 1396 | 1304 | 1388 |
| Gujarat | 2700 | 2498 | 3013 | 2377 | 2679 | 3155 | 3014 | 2875 | 3255 | 2810 |
| Haryana | 3844 | 4232 | 4158 | 4390 | 4213 | 4624 | 5030 | 4452 | 4722 | 4574 |
| Himachal Pradesh | 1894 | 1385 | 1376 | 1520 | 928 | 1530 | 1671 | 1671 | 1873 | 1800 |
| Jammu & Kashmir | 1790 | 1893 | 1782 | 1735 | 1003 | 1535 | 1689 | 1595 | 2061 | 1200 |
| Jharkhand | 1340 | 1529 | 1621 | 1541 | 1738 | 1642 | 1908 | 1944 | 2123 | 1931 |
| Karnataka | 858 | 762 | 946 | 918 | 887 | 1094 | 858 | 796 | 1005 | 1091 |
| Madhya Pradesh | 1613 | 1835 | 1612 | 1723 | 1967 | 1757 | 2360 | 2478 | 2405 | 2551 |
| Maharashtra | 1393 | 1325 | 1659 | 1483 | 1610 | 1761 | 1558 | 1528 | 1460 | 1381 |
| Meghalaya | 1714 | 2000 | 1833 | 1750 | 1773 | 1791 | 1564 | 1806 | 1881 | # |
| Nagaland | 1583 | 867 | 1067 | 1500 | 1200 | 1712 | 1711 | 1801 | 1823 | # |
| Odisha | 1364 | 1487 | 1554 | 1396 | 1450 | 1458 | 1644 | 1894 | 1574 | 1772 |
| Punjab | 4179 | 4210 | 4507 | 4462 | 4307 | 4693 | 4898 | 4724 | 5017 | 4492 |
| Rajasthan | 2762 | 2751 | 2749 | 3175 | 3133 | 2910 | 3175 | 3028 | 3083 | 2974 |
| Sikkim | 1385 | 1385 | 1000 | 1345 | 1135 | 1023 | 1060 | 1058 | 1083 | # |

(Contd.)

Table 4.1.6 (*Contd.*)

| State/ UT | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15* |
|------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| Tripura | 2636 | 1800 | 1900 | 2000 | 1984 | 2025 | 2000 | 2000 | 2000 | # |
| Uttar Pradesh | 2627 | 2721 | 2817 | 3002 | 2846 | 3113 | 3113 | 3113 | 3038 | 2561 |
| Uttarakhand | 1633 | 2049 | 2050 | 2003 | 2139 | 2316 | 2379 | 2396 | 2422 | 1902 |
| West Bengal | 2109 | 2282 | 2602 | 2490 | 2680 | 2760 | 2765 | 2786 | 2791 | 2836 |
| D & N Haveli | 1833 | 1833 | 1833 | 1833 | 1500 | 2231 | 1929 | 2000 | 2000 | # |
| Delhi | 4339 | 4341 | 4354 | 4351 | 4352 | 4340 | 4349 | 4406 | 4418 | # |
| Others | NA | 3902 |
| All India | 2619 | 2708 | 2802 | 2907 | 2839 | 2989 | 3177 | 3117 | 3145 | 2872 |

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

Averaged out in Others

NA: Not available.

Table 4.1.7 : Bajra: State wise Yield

| State/ UT | | | | | | | Yield (Kg/hectare) | | | |
|------------------|------------|------------|-------------|-------------|------------|-------------|--------------------|-------------|-------------|-------------|
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
| Andhra Pradesh | 1012 | 770 | 1243 | 1017 | 1178 | 1507 | 1349 | 1657 | 1597 | 1205 |
| Bihar | 1070 | 1073 | 1111 | 1200 | 1108 | 1102 | 1113 | 1142 | 1136 | 1150 |
| Gujarat | 1169 | 1088 | 1419 | 1365 | 1232 | 1250 | 1419 | 1743 | 1743 | 1604 |
| Haryana | 1147 | 1649 | 1843 | 1769 | 1593 | 1793 | 2040 | 1910 | 2057 | 1749 |
| Himachal Pradesh | 333 | 500 | 500 | 500 | 1083 | 500 | 542 | 555 | 545 | 557 |
| Jammu & Kashmir | 600 | 591 | 595 | 592 | 629 | 598 | 591 | 598 | 595 | 310 |
| Jharkhand | 500 | 500 | 0 | 1000 | 574 | 704 | 520 | 474 | 515 | 500 |
| Karnataka | 977 | 483 | 824 | 703 | 502 | 1081 | 972 | 1036 | 1182 | 1060 |
| Madhya Pradesh | 1491 | 1365 | 1402 | 1373 | 1495 | 1898 | 1924 | 1568 | 2003 | 1978 |
| Maharashtra | 720 | 729 | 878 | 765 | 741 | 1085 | 982 | 637 | 1034 | 652 |
| Nagaland | 1000 | NA | NA | NA | NA | 857 | 862 | 1015 | 1014 | # |
| Odisha | 552 | 583 | 593 | 600 | 604 | 636 | 615 | 610 | 611 | 613 |
| Punjab | 1000 | 1000 | 1000 | 1000 | 1333 | 1000 | 1000 | 1000 | 1000 | # |
| Rajasthan | 556 | 701 | 832 | 828 | 304 | 832 | 915 | 972 | 818 | 1097 |
| Tamil Nadu | 1158 | 1511 | 1435 | 1483 | 1512 | 1564 | 2452 | 1326 | 2158 | 2894 |
| Uttar Pradesh | 1434 | 1455 | 1520 | 1609 | 1638 | 1665 | 1839 | 1951 | 2033 | 1899 |
| West Bengal | NA | NA | NA | 0 | 434 | 375 | 367 | 429 | 286 | 286 |
| Puducherry | 2500 | 2500 | 1000 | 1000 | 1850 | 2324 | 2667 | # | NA | # |
| Delhi | 1824 | 1813 | 1875 | 1933 | 1917 | 1852 | 1868 | 1875 | 2513 | # |
| Daman & Diu | NA | NA | NA | 2000 | 1667 | 1333 | NA | 1361 | 1393 | # |
| Others | NA | NA | NA | NA | NA | NA | NA | NA | NA | 2230 |
| All India | 802 | 886 | 1042 | 1015 | 731 | 1079 | 1171 | 1198 | 1184 | 1272 |

Source: Directorate of Economics & Statistics, DAC&FW

#4th Advance Estimates.

Averaged out in Others
NA: Not available.

Table 4.1.8: Maize: State wise Yield

| State/ UT | Season | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15* |
|-------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Andhra Pradesh | Kharif | 3538 | 2402 | 4125 | 3147 | 1986 | 3730 | 2812 | 4145 | 3487 | 2794 |
| | Rabi | 5994 | 6195 | 5543 | 7302 | 6281 | 7615 | 6502 | 6174 | 6558 | 6697 |
| Arunachal Pradesh | Total | 4073 | 3396 | 4607 | 4873 | 3527 | 5317 | 4234 | 4995 | 4833 | 4257 |
| | Kharif | 1373 | 1363 | 1338 | 1365 | 1363 | 1397 | 1434 | 1423 | 1423 | # |
| Assam | Rabi | 1474 | 1452 | 1410 | 1400 | 1485 | 1690 | 1736 | 1496 | 1681 | # |
| | Total | 1382 | 1371 | 1344 | 1371 | 1380 | 1435 | 1473 | 1436 | 1467 | # |
| Bihar | Kharif | 721 | 778 | 722 | 724 | 726 | 722 | 719 | 897 | 898 | 1652 |
| | Autumn | 1518 | 1532 | 956 | 1518 | 1773 | 1806 | 2358 | 2476 | 2103 | 2476 |
| Garma | Rabi | 2641 | 3597 | 2766 | 3394 | 2660 | 2467 | 2404 | 4309 | 3358 | 3358 |
| | Total | 2385 | 3249 | 3741 | NA |
| Chattisgarh | Kharif | 2098 | 2678 | 2274 | 2676 | 2341 | 2230 | 2386 | 3611 | 2884 | 3049 |
| | Total | 1076 | 1225 | 1567 | 1402 | 1399 | 1807 | 1654 | 1936 | 2062 | 1886 |
| Goa | Kharif | 5000 | 5000 | 5000 | 6000 | 6000 | NA | NA | NA | NA | # |
| | Total | 1124 | 698 | 1375 | 1439 | 964 | 1636 | 1393 | 1676 | 1267 | 1456 |
| Gujarat | Kharif | NA | NA | NA | NA | 1700 | 1593 | 1645 | 1915 | 1953 | 2023 |
| | Rabi | NA | NA | NA | NA | NA | 1072 | 1637 | 1523 | 1727 | 1477 |
| Haryana | Kharif | 2125 | 2286 | 2643 | 2159 | 2250 | 1900 | 2667 | 2556 | 3000 | 2250 |
| | Total | 1839 | 2326 | 2873 | 2273 | 1839 | 2263 | 2432 | 2233 | 2228 | 2509 |
| Himachal Pradesh | Kharif | 1413 | 1505 | 1569 | 2005 | 1566 | 1712 | 1608 | 1648 | 1776 | 1495 |
| | Autumn | 1309 | 1203 | 1500 | 1346 | 1100 | 1181 | 1473 | 1790 | 2017 | 1768 |
| Jharkhand | Rabi | 1622 | 1806 | 1722 | 2123 | 1858 | 2061 | 1970 | 2689 | 1807 | 1530 |
| | Total | 1315 | 1230 | 1509 | 1407 | 1168 | 1215 | 1492 | 1812 | 2012 | 1763 |

(Contd.)

Table 4.1.8 (*Contd.*)

| State/ UT | Season | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15* |
|----------------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Karnataka | Kharif | 2919 | 2839 | 2893 | 2821 | 2415 | 3515 | 3022 | 2563 | 2872 | 2880 |
| | Rabi | 3000 | 2658 | 3231 | 2861 | 2500 | 2845 | 3084 | 3106 | 3099 | 3308 |
| | Summer | 2000 | 3125 | 3300 | 3143 | 2750 | 3323 | NA | NA | NA | # |
| | Total | 2915 | 2829 | 2924 | 2833 | 2430 | 3450 | 3028 | 2629 | 2894 | 2921 |
| Madhya Pradesh | Kharif | 1450 | 976 | 1288 | 1361 | 1256 | 1266 | 1492 | 1790 | 1767 | 1790 |
| | Kharif | 2134 | 1996 | 2706 | 2405 | 2275 | 3022 | 2890 | 2296 | 2856 | 2004 |
| | Rabi | 1976 | 1924 | 2426 | 2257 | 2455 | 2456 | 2110 | 1820 | 2346 | 2313 |
| | Total | 2106 | 1983 | 2664 | 2382 | 2302 | 2920 | 2762 | 2219 | 2727 | 2080 |
| Manipur | Kharif | 2724 | 2724 | 2800 | 2674 | 2436 | 1856 | 1768 | 2301 | 2246 | # |
| | Kharif | 1426 | 1471 | 1468 | 1503 | 1529 | 1499 | 1529 | 1554 | 2200 | # |
| | Kharif | 1917 | 1942 | 69 | 967 | 1337 | 1502 | 1214 | 1305 | 1424 | # |
| | Rabi | 2222 | 2668 | 1000 | 1000 | 1667 | 1667 | 1238 | 1611 | 1294 | # |
| Meghalaya | Total | 1940 | 1963 | 95 | 969 | 1347 | 1508 | 1214 | 1314 | 1420 | # |
| | contd... | | | | | | | | | | |
| | Nagaland | Kharif | 1800 | 1674 | 1788 | 1800 | 1075 | 1958 | 1960 | 1961 | 1969 |
| | Odisha | Kharif | 1587 | 1655 | 1976 | 1986 | 2155 | 2540 | 2046 | 2393 | 2766 |
| Punjab | Rabi | 2188 | 2368 | 2241 | 2609 | 2247 | 2778 | 2496 | 2793 | 2905 | 2675 |
| | Total | 1602 | 1677 | 1987 | 2007 | 2157 | 2549 | 2063 | 2408 | 2771 | 2055 |
| | Kharif | 2723 | 3123 | 3405 | 3404 | 3417 | 3692 | 3984 | 3682 | 3900 | 3651 |
| | Kharif | 1098 | 1085 | 1860 | 1737 | 1044 | 1796 | 1583 | 1763 | 1597 | 1740 |
| Rajasthan | Rabi | 1429 | 1429 | 1667 | 1429 | 1429 | NA | 3434 | 3844 | 3729 | 3903 |
| | Total | 1098 | 1086 | 1860 | 1736 | 1044 | 1796 | 1594 | 1780 | 1621 | 1771 |
| Sikkim | Kharif | 1491 | 1491 | 1601 | 1544 | 1671 | 1648 | 1657 | 1700 | 1724 | # |

(Contd.)

Table 4.1.8 (*Contd.*)

| State/ UT | Season | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15* |
|---------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Tamil Nadu | Kharif | 1170 | 3224 | 2952 | 3668 | 4301 | 3858 | 5682 | 3554 | 5682 | 5140 |
| | Rabi | 1215 | 5047 | 5091 | 5763 | 5431 | 5452 | 6649 | 2819 | 5002 | 5473 |
| | Total | 1189 | 3838 | 3627 | 4389 | 4685 | 4458 | 6042 | 3252 | 5372 | 5360 |
| Tripura | Kharif | 1000 | 960 | 1000 | 952 | 1006 | 1322 | 1353 | 1295 | 1277 | # |
| | Rabi | 1284 | 1326 | 1437 | 1495 | 1456 | 1468 | 1654 | 1654 | 1654 | 1778 |
| | Total | 1295 | 1335 | 1443 | 1499 | 1465 | 1477 | 1662 | 1677 | 1703 | 1791 |
| Uttarakhand | Kharif | 1333 | 1333 | 1483 | 1303 | 1357 | 1503 | 1464 | 1437 | 1419 | 2120 |
| | Rabi | 2076 | 2166 | 2095 | 2658 | 2183 | 2588 | 2270 | 2384 | 2687 | 2688 |
| | Total | 2533 | 2968 | 3166 | 3783 | 3942 | 3977 | 3722 | 3947 | 4059 | # |
| West Bengal | Kharif | 1000 | 2000 | 4500 | 3000 | 2000 | 2476 | 2125 | 2000 | 2254 | # |
| | Rabi | 3913 | 4265 | 4690 | 5106 | 5619 | 4904 | 4497 | 4923 | 4765 | 5048 |
| | Total | 3913 | 4265 | 4690 | 5106 | 5619 | 4904 | 4497 | 4923 | 4765 | 5048 |
| A & N Islands | Summer | NA | NA | 3583 | 4272 | 4587 | 4716 | NA | # | NA | 4335 |
| | Kharif | 1000 | 2000 | 4500 | 3000 | 2000 | 2476 | 2125 | 2000 | 2254 | # |
| | Total | 1000 | 2000 | 4500 | 3000 | 2000 | 2476 | 2125 | 2000 | 2254 | # |
| Others | Kharif | NA | 1906 |
| | Rabi | NA | 1938 |
| | Total | NA | 1908 |
| All India | Kharif | 1799 | 1660 | 2122 | 2048 | 1740 | 2285 | 2234 | 2346 | 2346 | 2187 |
| | Rabi | 3076 | 3793 | 3854 | 4387 | 3694 | 4003 | 3765 | 4152 | 4050 | 4125 |
| | Total | 1938 | 1912 | 2335 | 2414 | 2024 | 2540 | 2478 | 2566 | 2676 | 2557 |

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

NA: Not available.

Averaged out in Others

Table 4.1.9 : Total Pulses: State wise Yield

| State/UT (1) | 2005-06 (2) | 2006-07 (3) | 2007-08 (4) | 2008-09 (5) | 2009-10 (6) | 2010-11 (7) | 2011-12 (8) | 2012-13 (9) | 2013-14 (10) | 2014-15* (11) |
|-------------------|--------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|------------------|
| | Yield (Kg/hectare) | | | | | | | | | |
| Andhra Pradesh | 772 | 679 | 803 | 818 | 740 | 675 | 637 | 833 | 928 | 797 |
| Arunachal Pradesh | 1078 | 1078 | 1078 | 1059 | 1000 | 879 | 920 | 1076 | 1149 | # |
| Assam | 537 | 557 | 558 | 567 | 560 | 555 | 573 | 598 | 695 | 642 |
| Bihar | 749 | 722 | 818 | 801 | 836 | 878 | 975 | 1052 | 1044 | 830 |
| Chhattisgarh | 477 | 543 | 586 | 580 | 604 | 624 | 613 | 700 | 574 | 834 |
| Goa | 1045 | 1358 | 991 | 1030 | 1082 | 1057 | 836 | 902 | 1102 | # |
| Gujarat | 704 | 593 | 843 | 777 | 705 | 812 | 815 | 867 | 897 | 912 |
| Haryana | 622 | 824 | 602 | 972 | 758 | 899 | 706 | 800 | 819 | 692 |
| Himachal Pradesh | 713 | 932 | 1062 | 758 | 681 | 1213 | 954 | 1413 | 1763 | 1251 |
| Jammu & Kashmir | 504 | 505 | 508 | 464 | 456 | 584 | 508 | 530 | 535 | 292 |
| Jharkhand | 567 | 686 | 736 | 724 | 709 | 773 | 885 | 1038 | 1021 | 1004 |
| Karnataka | 487 | 377 | 531 | 466 | 451 | 561 | 492 | 555 | 641 | 644 |
| Kerala | 775 | 857 | 857 | 818 | 991 | 778 | 747 | 1042 | 1091 | 1158 |
| Madhya Pradesh | 754 | 780 | 609 | 808 | 871 | 656 | 803 | 972 | 861 | 877 |
| Maharashtra | 584 | 602 | 746 | 537 | 702 | 768 | 693 | 704 | 802 | 554 |
| Manipur | 523 | 523 | 497 | 504 | 497 | 897 | 942 | 936 | 933 | # |
| Meghalaya | 750 | 744 | 825 | 867 | 881 | 881 | 896 | 1019 | 1092 | # |
| Mizoram | 1215 | 1160 | 529 | 900 | 1667 | 1534 | 1389 | 1061 | 1468 | # |
| Nagaland | 1281 | 1200 | 1189 | 1203 | 906 | 1085 | 1091 | 1099 | 1124 | # |

(Contd.)

Table 4.1.9 (*Contd.*)

| State/UT | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15* |
|------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| Odisha | 416 | 445 | 446 | 481 | 461 | 486 | 471 | 513 | 537 | 527 |
| Punjab | 804 | 850 | 804 | 908 | 896 | 910 | 789 | 823 | 872 | 894 |
| Rajasthan | 261 | 462 | 401 | 497 | 204 | 685 | 546 | 603 | 593 | 580 |
| Sikkim | 897 | 897 | 928 | 937 | 977 | 899 | 903 | 915 | 925 | # |
| Tamil Nadu | 337 | 541 | 303 | 307 | 382 | 386 | 552 | 413 | 752 | 689 |
| Tripura | 629 | 654 | 691 | 718 | 713 | 706 | 697 | 705 | 719 | # |
| Uttar Pradesh | 811 | 725 | 731 | 899 | 748 | 832 | 993 | 985 | 736 | 618 |
| Uttarakhand | 590 | 642 | 794 | 609 | 719 | 851 | 891 | 841 | 869 | 799 |
| West Bengal | 785 | 703 | 793 | 704 | 826 | 898 | 706 | 952 | 843 | 713 |
| A & N Islands | 500 | 571 | 591 | 571 | 600 | 442 | 541 | 499 | 486 | # |
| D & N Haveli | 862 | 862 | 862 | 859 | 828 | 898 | 939 | 901 | 898 | # |
| Delhi | 1000 | 1750 | 1750 | 2333 | 2000 | 1611 | 1939 | 2097 | 1500 | # |
| Daman & Diu | 846 | 846 | 846 | 846 | 846 | 846 | NA | # | NA | # |
| Puducherry | 324 | 324 | 83 | 20 | 155 | 499 | 417 | 512 | 425 | # |
| Others | NA | 7029 |
| All India | 598 | 612 | 625 | 659 | 630 | 691 | 699 | 789 | 764 | 744 |

Source: Directorate of Economics & Statistics, DAC&FW

#4th Advance Estimates.

Averaged out in Others
NA: Not available.

Table 4.1.10 : Gram State wise Yield

| State/ UT | Yield (Kg/hectare) | | | | | | | | | |
|------------------|--------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| | 2005-06 (1) | 2006-07 (2) | 2007-08 (3) | 2008-09 (4) | 2009-10 (5) | 2010-11 (6) | 2011-12 (7) | 2012-13 (8) | 2013-14 (9) | 2014-15* (10) |
| Andhra Pradesh | 1591 | 1085 | 1448 | 1412 | 1308 | 1233 | 920 | 1119 | 1439 | 1150 |
| Assam | 500 | 500 | 500 | 529 | 517 | 500 | 509 | 557 | 698 | NA |
| Bihar | 902 | 818 | 972 | 925 | 1014 | 1187 | 1295 | 1402 | 1147 | 969 |
| Chattisgarh | 706 | 843 | 874 | 831 | 880 | 959 | 995 | 1069 | 771 | 1035 |
| Gujarat | 850 | 870 | 977 | 1011 | 947 | 1136 | 1138 | 978 | 1251 | 1129 |
| Haryana | 554 | 843 | 505 | 1041 | 738 | 982 | 911 | 1128 | 904 | 657 |
| Himachal Pradesh | 538 | 769 | 933 | 429 | 523 | 1000 | 971 | 1021 | 1000 | 1050 |
| Jammu & Kashmir | 500 | NA | NA | 667 | 500 | 545 | 583 | 542 | NA | # |
| Jharkhand | NA | NA | NA | NA | 914 | 1052 | 1067 | 1174 | 1166 | 1160 |
| Karnataka | 548 | 473 | 925 | 552 | 591 | 658 | 583 | 643 | 757 | 814 |
| Madhya Pradesh | 926 | 980 | 607 | 981 | 1071 | 863 | 1081 | 1219 | 1044 | 1039 |
| Maharashtra | 691 | 706 | 711 | 677 | 863 | 904 | 775 | 763 | 891 | 615 |
| Meghalaya | 600 | 600 | 825 | 600 | 620 | 500 | 625 | 611 | 989 | # |
| Nagaland | 1000 | 1250 | 600 | 667 | 667 | 714 | 720 | 842 | 838 | # |
| Odisha | 646 | 652 | 1500 | 662 | 748 | 780 | 765 | 774 | 768 | 770 |
| Punjab | 750 | 1000 | 659 | 1172 | 1133 | 1286 | 1000 | 1400 | 1211 | 1500 |
| Rajasthan | 443 | 863 | 1000 | 779 | 605 | 898 | 740 | 1019 | 853 | 725 |
| Tamil Nadu | 678 | 644 | 466 | 638 | 614 | 671 | 643 | 645 | 653 | 647 |
| Tripura | 500 | 1000 | 676 | 667 | 667 | 733 | 774 | 769 | 769 | # |

(Contd.)

Table 4.1.10 (*Contd.*)

| State/ UT | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15* |
|---------------|------------|------------|------------|------------|------------|------------|------------|-------------|------------|------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| Uttar Pradesh | 893 | 742 | 1000 | 1014 | 824 | 930 | 1185 | 1119 | 824 | 683 |
| Uttarakhand | 1000 | 1000 | 745 | 0 | 1000 | 785 | 1000 | 830 | 786 | 720 |
| West Bengal | 913 | 769 | 1000 | 1037 | 1108 | 1072 | 1049 | 1175 | 1175 | 1185 |
| D & N Haveli | 500 | 500 | 984 | 500 | 798 | 1000 | 1000 | 1000 | 1000 | # |
| Delhi | 1000 | NA | 500 | NA | NA | 882 | 7000 | # | 1500 | # |
| Others | NA | NA | 1029 |
| All India | 808 | 845 | 762 | 895 | 915 | 895 | 928 | 1036 | 960 | 875 |

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

Averaged out in Others

NA: Not available.

Table 4.1.11: Tur: State wise Yield

| State/ UT | 2005-06 | | | | | | Yield (Kg/hectare) | | | | | |
|-------------------|---------|------|------|------|------|------|--------------------|------|------|------|------|----------|
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | 2014-15* |
| Andhra Pradesh | 609 | 401 | 652 | 456 | 438 | 415 | 303 | 524 | 542 | 492 | | |
| Arunachal Pradesh | 1000 | 1000 | 1000 | 1000 | 833 | 833 | 879 | 968 | 1000 | # | | |
| Assam | 692 | 714 | 667 | 704 | 709 | 718 | 714 | 829 | 920 | | 833 | |
| Bihar | 1291 | 989 | 1012 | 1178 | 1514 | 1404 | 1514 | 2131 | 1667 | | 1428 | |
| Chattisgarh | 445 | 426 | 522 | 583 | 510 | 440 | 433 | 620 | 613 | | 637 | |
| Gujarat | 1102 | 751 | 1109 | 989 | 906 | 986 | 1053 | 1184 | 995 | | 1127 | |
| Haryana | 1067 | 1100 | 1138 | 1091 | 1045 | 1080 | 1111 | 1086 | 1170 | | 1083 | |
| Himachal Pradesh | NA | NA | NA | NA | NA | NA | NA | 417 | 364 | | NA | 317 |
| Jharkhand | 633 | 645 | 800 | 616 | 871 | 686 | 904 | 1034 | 1042 | | 1018 | |
| Karnataka | 727 | 470 | 712 | 528 | 467 | 594 | 462 | 555 | 713 | | 658 | |
| Kerala | NA | NA | 670 | NA | NA | NA | 1693 | 1588 | 899 | | 1848 | |
| Madhya Pradesh | 739 | 683 | 922 | 804 | 851 | 337 | 625 | 662 | 716 | | 981 | |
| Maharashtra | 720 | 726 | 750 | 600 | 841 | 750 | 706 | 819 | 906 | | 641 | |
| Meghalaya | 750 | 750 | 1000 | 750 | 784 | 750 | 759 | 1152 | 1254 | | # | |
| Mizoram | 1000 | 1000 | 1189 | NA | NA | NA | NA | NA | NA | | # | |
| Nagaland | 950 | 1200 | 825 | 938 | 703 | 840 | 853 | 899 | 896 | | # | |
| Odisha | 742 | 803 | 900 | 860 | 841 | 916 | 812 | 912 | 896 | | 898 | |
| Punjab | 885 | 931 | 876 | 966 | 957 | 929 | 1000 | 903 | 897 | | 923 | |
| Rajasthan | 647 | 503 | 701 | 772 | 381 | 761 | 666 | 879 | 649 | | 735 | |

(Contd.)

Table 4.1.11 (*Contd.*)

| State/ UT | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15* |
|------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| Tamil Nadu | 540 | 732 | 750 | 608 | 765 | 662 | 870 | 785 | 967 | 1026 |
| Tripura | 692 | 750 | 891 | 700 | 725 | 750 | 747 | 749 | 717 | # |
| Uttar Pradesh | 987 | 749 | 667 | 914 | 662 | 898 | 1044 | 1045 | 900 | 606 |
| Uttarakhand | 1000 | 500 | 818 | 667 | 1000 | 706 | 1000 | 799 | 810 | 750 |
| West Bengal | 889 | 700 | 833 | 728 | 1423 | 432 | 1434 | 1429 | 1500 | |
| D & N Haveli | 867 | 867 | 867 | 867 | 800 | 801 | 801 | 800 | 804 | # |
| Delhi | 1000 | 1500 | 1500 | 2000 | 1838 | 1750 | 1727 | 1724 | NA | # |
| Others | NA | 784 |
| All India | 765 | 650 | 826 | 671 | 711 | 655 | 662 | 776 | 813 | 750 |

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

Averaged out in Others
NA: Not available.

Table 4.1.12 : Total Oilseeds: State wise Yield

| State (1) | | | | | | | Yield (Kg/hectare) | | | |
|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------------|----------------|-----------------|------------------|
| | 2005-06 (2) | 2006-07 (3) | 2007-08 (4) | 2008-09 (5) | 2009-10 (6) | 2010-11 (7) | 2011-12 (8) | 2012-13 (9) | 2013-14 (10) | 2014-15* (11) |
| Andhra Pradesh | 698 | 609 | 1276 | 842 | 724 | 861 | 650 | 849 | 929 | 778 |
| Arunachal Pradesh | 838 | 838 | 962 | 963 | 928 | 921 | 1015 | 909 | 958 | # |
| Assam | 465 | 495 | 523 | 542 | 526 | 576 | 557 | 610 | 611 | 628 |
| Bihar | 982 | 1031 | 979 | 999 | 1042 | 1048 | 1046 | 1120 | 1189 | 1058 |
| Chhattisgarh | 419 | 503 | 532 | 507 | 607 | 686 | 550 | 723 | 640 | 595 |
| Goa | 2394 | 1769 | 1892 | 2158 | 2807 | 2862 | 2500 | 2409 | 2544 | # |
| Gujarat | 1544 | 908 | 1618 | 1345 | 1109 | 1692 | 1608 | 1103 | 2231 | 1551 |
| Haryana | 1124 | 1344 | 1214 | 1723 | 1645 | 1855 | 1394 | 1712 | 1637 | 1415 |
| Himachal Pradesh | 344 | 477 | 442 | 365 | 271 | 514 | 579 | 514 | 490 | 591 |
| Jammu & Kashmir | 429 | 610 | 846 | 760 | 763 | 821 | 826 | 789 | 895 | 670 |
| Jharkhand | 311 | 422 | 553 | 560 | 563 | 625 | 680 | 787 | 663 | 652 |
| Karnataka | 600 | 478 | 681 | 556 | 502 | 782 | 665 | 647 | 824 | 773 |
| Kerala | 667 | 889 | 706 | 696 | 632 | 1032 | 1230 | 1045 | 980 | 1179 |
| Madhya Pradesh | 1009 | 955 | 1015 | 1075 | 1129 | 1143 | 1073 | 1231 | 858 | 1090 |
| Maharashtra | 925 | 963 | 1274 | 857 | 725 | 1394 | 1223 | 1337 | 1276 | 658 |
| Manipur | 7000 | 7000 | NA | 778 | 778 | 774 | 788 | 729 | 840 | # |
| Meghalaya | 684 | 673 | 670 | 676 | 701 | 704 | 766 | 695 | 1030 | # |
| Mizoram | 1125 | 927 | 229 | 781 | 1106 | 1203 | 967 | 1078 | 1146 | # |
| Nagaland | 926 | 901 | 896 | 1142 | 835 | 1040 | 1043 | 1047 | 1048 | # |

(Contd.)

Table 4.1.12 (*Contd.*)

| State | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15* |
|------------------|-------------|------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| Odisha | 565 | 550 | 608 | 604 | 589 | 619 | 661 | 700 | 755 | 692 |
| Punjab | 1097 | 1111 | 1288 | 1276 | 1354 | 1336 | 1360 | 1350 | 1335 | 1065 |
| Rajasthan | 1134 | 1146 | 1051 | 1114 | 1066 | 1203 | 1243 | 1296 | 1144 | 1192 |
| Sikkim | 727 | 727 | 872 | 763 | 959 | 832 | 841 | 863 | 887 | # |
| Tamil Nadu | 1624 | 1829 | 1739 | 1782 | 1898 | 2077 | 2479 | 2103 | 2362 | 2292 |
| Tripura | 709 | 705 | 675 | 714 | 717 | 732 | 751 | 506 | 759 | # |
| Uttar Pradesh | 993 | 837 | 856 | 865 | 753 | 832 | 828 | 898 | 810 | 699 |
| Uttarakhand | 857 | 750 | 967 | 1000 | 1138 | 1012 | 1082 | 1236 | 1070 | 892 |
| West Bengal | 952 | 918 | 997 | 828 | 1065 | 1047 | 994 | 1162 | 1181 | 1194 |
| D & N Haveli | 1000 | 1000 | 1000 | NA | 680 | 750 | 704 | 604 | 667 | # |
| Delhi | 763 | 1500 | 871 | 154 | 1256 | 1300 | 1251 | 1265 | NA | # |
| Puducherry | 1778 | 1778 | 1778 | 2000 | 1636 | 1684 | 1231 | 1840 | 1907 | # |
| Others | NA | NA | NA | NA | NA | NA | NA | NA | 1070 | |
| All India | 1004 | 916 | 1115 | 1006 | 958 | 1193 | 1133 | 1168 | 1168 | 1037 |

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

Averaged out in Others
NA: Not available.

Table 4.1.13 : Kharif Oilsseeds: State wise Yield

| State (1) | 2005-06 (2) | 2006-07 (3) | 2007-08 (4) | 2008-09 (5) | 2009-10 (6) | 2010-11 (7) | 2011-12 (8) | 2012-13 (9) | 2013-14 (10) | 2014-15* (11) |
|-------------------|--------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|------------------|
| | Yield (Kg/hectare) | | | | | | | | | |
| Andhra Pradesh | 570 | 397 | 1204 | 705 | 425 | 700 | 440 | 657 | 774 | 556 |
| Arunachal Pradesh | 878 | 878 | 1042 | 1160 | 978 | 1083 | 1204 | 932 | 1071 | # |
| Assam | 533 | 571 | 522 | 537 | 533 | 537 | 539 | 628 | 681 | 595 |
| Bihar | 951 | 932 | 943 | 939 | 1129 | 1016 | 1063 | 1092 | 1097 | 1071 |
| Chhattisgarh | 521 | 623 | 615 | 572 | 710 | 824 | 608 | 836 | 686 | 628 |
| Goa | 1333 | 2000 | 2000 | 1500 | 2000 | 2800 | 2833 | 2540 | 2436 | # |
| Gujarat | 1543 | 779 | 1610 | 1351 | 1049 | 1699 | 1607 | 1013 | 2309 | 1545 |
| Haryana | 804 | 844 | 1079 | 762 | 648 | 691 | 750 | 823 | 986 | 855 |
| Himachal Pradesh | 511 | 489 | 581 | 610 | 243 | 536 | 559 | 559 | 615 | 659 |
| Jammu & Kashmir | 462 | 429 | 419 | 426 | 439 | 441 | 440 | 436 | 442 | 380 |
| Jharkhand | 287 | 220 | 597 | 707 | 611 | 600 | 861 | 905 | 963 | 844 |
| Karnataka | 569 | 439 | 682 | 548 | 469 | 783 | 661 | 635 | 862 | 762 |
| Kerala | 667 | 889 | 706 | 696 | 632 | 1037 | 1250 | 1044 | 800 | 1171 |
| Madhya Pradesh | 1020 | 962 | 1037 | 1096 | 1150 | 1159 | 1080 | 1250 | 836 | 1111 |
| Maharashtra | 981 | 1031 | 1368 | 878 | 730 | 1490 | 1266 | 1379 | 1310 | 661 |
| Manipur | 6000 | 6000 | 4444 | 1000 | 1000 | 754 | 866 | 169 | 850 | # |
| Meghalaya | 731 | 692 | 704 | 665 | 763 | 780 | 1004 | 764 | 1274 | # |
| Mizoram | 1222 | 972 | 206 | 815 | 1167 | 1268 | 971 | 1142 | 1154 | # |
| Nagaland | 1106 | 1099 | 1041 | 1337 | 968 | 1156 | 1160 | 1158 | 1160 | # |

(Contd.)

Table 4.1.13 (*Contd.*)

| State | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15* |
|------------------|------------|------------|-------------|------------|------------|-------------|-------------|-------------|-------------|------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| Odisha | 403 | 423 | 443 | 461 | 443 | 481 | 450 | 511 | 519 | 484 |
| Punjab | 463 | 504 | 478 | 482 | 582 | 785 | 714 | 691 | 704 | 735 |
| Rajasthan | 972 | 1050 | 1224 | 925 | 798 | 1235 | 1306 | 1228 | 1019 | 1220 |
| Sikkim | 825 | 825 | 889 | 846 | 1025 | 881 | 897 | 937 | 946 | # |
| Tamil Nadu | 1340 | 1251 | 1263 | 1454 | 1482 | 1643 | 1929 | 1677 | 1841 | 1920 |
| Tripura | 583 | 600 | 591 | 647 | 638 | 682 | 620 | 108 | 648 | # |
| Uttar Pradesh | 555 | 349 | 284 | 321 | 240 | 380 | 415 | 392 | 347 | 393 |
| Uttarakhand | 1059 | 1000 | 1250 | 1333 | 1500 | 1240 | 1297 | 1663 | 1326 | 1096 |
| West Bengal | 837 | 922 | 908 | 661 | 821 | 914 | 914 | 937 | 955 | 969 |
| D & N Haveli | 1000 | 1000 | 1000 | NA | 680 | 750 | 704 | 604 | 667 | # |
| Pondicherry | 1778 | 1778 | 1778 | 2000 | 1636 | 1684 | 1231 | 1840 | 1907 | # |
| Others | NA | NA | NA | NA | NA | NA | NA | NA | NA | 1063 |
| All India | 965 | 836 | 1154 | 961 | 875 | 1203 | 1123 | 1135 | 1151 | 999 |

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

Averaged out in Others

NA: Not available.

Table 4.1.14 : Rabi Oilseeds: State wise Yield

| State (1) | 2005-06 (2) | 2006-07 (3) | 2007-08 (4) | 2008-09 (5) | 2009-10 (6) | 2010-11 (7) | 2011-12 (8) | 2012-13 (9) | 2013-14 (10) | 2014-15* (11) | Yield (Kg/hectare) |
|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|------------------|--------------------|
| | | | | | | | | | | | |
| Andhra Pradesh | 1193 | 1235 | 1508 | 1286 | 1517 | 1477 | 1440 | 1536 | 1618 | 1787 | |
| Arunachal Pradesh | 829 | 829 | 945 | 919 | 919 | 893 | 985 | 905 | 936 | NA | |
| Assam | 458 | 488 | 523 | 542 | 525 | 579 | 559 | 609 | 606 | 630 | |
| Bihar | 984 | 1037 | 982 | 1003 | 1037 | 1050 | 1045 | 1121 | 1194 | 1057 | |
| Chhattisgarh | 284 | 319 | 350 | 326 | 371 | 345 | 407 | 425 | 508 | 501 | |
| Goa | 2500 | 1727 | 1875 | 2281 | 3000 | 2875 | 2458 | 2382 | 2564 | NA | |
| Gujarat | 1552 | 1544 | 1662 | 1314 | 1617 | 1645 | 1612 | 1764 | 1696 | 1602 | |
| Haryana | 1128 | 1351 | 1216 | 1735 | 1655 | 1868 | 1404 | 1721 | 1646 | 1422 | |
| Himachal Pradesh | 274 | 471 | 385 | 260 | 282 | 505 | 585 | 500 | 458 | 569 | |
| Jammu & Kashmir | 405 | 630 | 893 | 790 | 788 | 850 | 854 | 817 | 933 | 692 | |
| Jharkhand | 333 | 461 | 539 | 517 | 553 | 635 | 653 | 766 | 622 | 622 | |
| Karnataka | 655 | 543 | 677 | 571 | 565 | 778 | 676 | 665 | 748 | 799 | |
| Kerala | | | | | | | 909 | 1111 | 1209 | 1636 | |
| Madhya Pradesh | 955 | 912 | 833 | 936 | 990 | 1031 | 1024 | 1092 | 1031 | 936 | |
| Maharashtra | 677 | 662 | 739 | 691 | 683 | 705 | 720 | 634 | 758 | 584 | |
| Manipur | NA | NA | NA | 500 | 500 | 779 | 764 | 850 | 837 | NA | |
| Meghalaya | 667 | 667 | 658 | 678 | 678 | 677 | 678 | 669 | 934 | NA | |
| Mizoram | 833 | 600 | 1000 | 600 | 750 | 750 | 944 | 690 | 1100 | NA | |
| Nagaland | 756 | 729 | 760 | 959 | 784 | 942 | 946 | 953 | 954 | NA | |

(Contd.)

Table 4.1.14 (*Contd.*)

| State | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15* |
|------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| Odisha | 925 | 838 | 915 | 873 | 874 | 901 | 1006 | 950 | 1071 | 1019 |
| Punjab | 1236 | 1260 | 1478 | 1456 | 1500 | 1432 | 1465 | 1451 | 1415 | 1351 |
| Rajasthan | 1205 | 1185 | 946 | 1234 | 1277 | 1188 | 1190 | 1345 | 1233 | 1170 |
| Sikkim | 661 | 661 | 860 | 707 | 914 | 792 | 801 | 799 | 830 | NA |
| Tamil Nadu | 2073 | 3466 | 2835 | 2539 | 2993 | 3228 | 3645 | 3040 | 3514 | 2888 |
| Tripura | 806 | 842 | 778 | 778 | 806 | 774 | 864 | 874 | 875 | NA |
| Uttar Pradesh | 1105 | 1024 | 1064 | 1076 | 1090 | 1123 | 1107 | 1228 | 1088 | 920 |
| Uttarakhand | 667 | 563 | 643 | 714 | 800 | 803 | 867 | 921 | 739 | 688 |
| West Bengal | 988 | 916 | 1035 | 899 | 1161 | 1100 | 1025 | 1249 | 1273 | 1285 |
| Delhi | 763 | 1500 | 871 | 154 | 1256 | 1300 | 1251 | 1265 | NA | NA |
| Others | NA | 1075 | |
| All India | 1068 | 1055 | 1034 | 1097 | 1146 | 1174 | 1155 | 1244 | 1207 | 1130 |

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

Averaged out in Others
NA: Not available.

Table 4.1.15 : Groundnut State wise Yield

| State | Season | 2005-06 | | | | | | Yield (Kg/hectare) | | | | | |
|------------------|--------|---------|------|------|------|------|------|--------------------|------|------|------|----------|--|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | | |
| Andhra Pradesh | Kharif | 565 | 301 | 1357 | 694 | 385 | 659 | 361 | 533 | 644 | 431 | | |
| | Rabi | 1739 | 1806 | 1925 | 2128 | 2073 | 1848 | 1927 | 1875 | 892 | 771 | 2070 | |
| | Total | 728 | 557 | 1451 | 880 | 773 | 899 | 646 | 829 | | | | |
| Bihar | Kharif | 556 | 556 | 500 | 529 | 1750 | 1000 | 1025 | 1025 | 1022 | 1022 | | |
| | Kharif | 1078 | 1142 | 1256 | 1352 | 1353 | 1462 | 1320 | 1379 | 1457 | 1412 | | |
| | Total | 2500 | 2000 | 1500 | 2102 | 2800 | 2833 | 2540 | 2436 | # | # | | |
| Gujarat | Rabi | 2500 | 1727 | 1875 | 2281 | 2981 | 2875 | 2458 | 2382 | 2564 | 2564 | | |
| | Total | 2394 | 1769 | 1892 | 2158 | 2807 | 2862 | 2500 | 2409 | 2544 | 2544 | # | |
| | Kharif | 1707 | 725 | 1781 | 1368 | 929 | 1868 | 1563 | 498 | 2716 | 1578 | | |
| Haryana | Rabi | 2225 | 2000 | 1724 | 1830 | 1908 | 1801 | 1914 | 2288 | 1789 | 1800 | | |
| | Total | 1734 | 809 | 1777 | 1395 | 964 | 1864 | 1612 | 590 | 2668 | 1586 | | |
| | Kharif | 733 | 840 | 813 | 750 | 1000 | 1000 | 967 | 1143 | 1107 | 1050 | | |
| Himachal Pradesh | Kharif | NA | NA | NA | NA | 1000 | 670 | 742 | 917 | 909 | 600 | 1015 | |
| | Total | 645 | 497 | 807 | 589 | 626 | 875 | 716 | 671 | 863 | 870 | | |
| | Kharif | 590 | 434 | 784 | 545 | 565 | 853 | 650 | 560 | 844 | 808 | | |
| Jharkhand | Rabi | 924 | 760 | 906 | 788 | 804 | 952 | 917 | 913 | 912 | 1040 | | |
| | Total | 727 | 1000 | 759 | 765 | 763 | 1267 | 1346 | 1274 | 1250 | 1433 | | |
| | Kharif | 1126 | 948 | 940 | 1140 | 1158 | 1496 | 1618 | 1515 | 1567 | 1602 | | |
| Karnataka | Kharif | 831 | 743 | 1112 | 1016 | 1015 | 1258 | 1080 | 992 | 1213 | 985 | | |
| | Rabi | 1429 | 1355 | 1413 | 1516 | 1557 | 1390 | 1446 | 1531 | 1366 | 1394 | | |
| | Total | 958 | 889 | 1168 | 1116 | 1118 | 1289 | 1158 | 1056 | 1248 | 1062 | (Contd.) | |

Table 4.1.15 (Contd.)

| State | Season | 2005-06 | | 2006-07 | | 2007-08 | | 2008-09 | | 2009-10 | | 2010-11 | | 2011-12 | | 2012-13 | | 2013-14 | | 2014-15* | |
|---------------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------|------|---------|------|---------|------|---------|------|----------|--|
| | | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) | (17) | (18) | | |
| Nagaland | Kharif | 1000 | 1000 | 1100 | 1000 | 786 | 1000 | 1013 | 1012 | 1023 | 1023 | # | | | | | | | | | |
| Odisha | Kharif | 835 | 904 | 982 | 980 | 968 | 977 | 830 | 1070 | 1112 | 1050 | | | | | | | | | | |
| | Rabi | 1414 | 1292 | 1376 | 1279 | 1334 | 1362 | 1486 | 1345 | 1704 | 1678 | | | | | | | | | | |
| | Total | 1171 | 1113 | 1219 | 1156 | 1169 | 1176 | 1189 | 1231 | 1449 | 1378 | | | | | | | | | | |
| Punjab | Kharif | 882 | 864 | 871 | 926 | 1240 | 1773 | 1500 | 1765 | 1846 | 1857 | | | | | | | | | | |
| Rajasthan | Kharif | 1549 | 1310 | 1728 | 1670 | 1087 | 1963 | 1926 | 1549 | 1950 | 2019 | | | | | | | | | | |
| Tamil Nadu | Kharif | 1526 | 1329 | 1417 | 1674 | 1728 | 1881 | 2202 | 1890 | 2213 | 2477 | | | | | | | | | | |
| | Rabi | 2103 | 3729 | 3078 | 2622 | 3104 | 3331 | 3751 | 3149 | 3628 | 2958 | | | | | | | | | | |
| | Total | 1775 | 1981 | 1957 | 1989 | 2155 | 2323 | 2751 | 2315 | 2721 | 2697 | | | | | | | | | | |
| Tripura | Kharif | 1000 | 1000 | 1000 | 1000 | 1081 | 1333 | 1091 | 1091 | 1077 | # | | | | | | | | | | |
| | Rabi | 667 | 1000 | 1000 | 1000 | 1040 | 1000 | 1297 | 1315 | 1257 | # | | | | | | | | | | |
| | Total | 889 | 1000 | 1000 | 1000 | 1095 | 1167 | 1220 | 1229 | 1180 | # | | | | | | | | | | |
| Uttar Pradesh | Kharif | 851 | 730 | 598 | 705 | 670 | 988 | 1000 | 1000 | 896 | 857 | | | | | | | | | | |
| Uttarakhand | Kharif | 1000 | 2000 | 1000 | 2000 | 2000 | 1091 | 1000 | 1163 | 1176 | 1000 | | | | | | | | | | |
| West Bengal | Kharif | 933 | 1000 | 909 | 958 | 916 | 857 | 864 | 1000 | 917 | 960 | | | | | | | | | | |
| | Rabi | 1727 | 1744 | 1968 | 1763 | 1742 | 1690 | 1969 | 2585 | 2627 | 2415 | | | | | | | | | | |
| | Total | 1703 | 1713 | 1918 | 1735 | 1715 | 1661 | 1939 | 2526 | 2544 | 2372 | | | | | | | | | | |
| Puducherry | Kharif | 1938 | 1938 | 1875 | 2286 | 2103 | 1962 | 1406 | 2112 | 2486 | # | | | | | | | | | | |
| Others | Kharif | NA | 968 | | | | | | | | | | |
| | Rabi | NA | 2564 | | | | | | | | | | |
| | Total | NA | 1531 | | | | | | | | | | |
| All India | Kharif | 1097 | 689 | 1386 | 1063 | 835 | 1335 | 1188 | 811 | 1735 | 1290 | | | | | | | | | | |
| | Rabi | 1702 | 1880 | 1857 | 1764 | 1830 | 1846 | 1938 | 1908 | 1926 | 1977 | | | | | | | | | | |
| | Total | 1187 | 866 | 1459 | 1163 | 991 | 1411 | 1323 | 994 | 1764 | 1400 | | | | | | | | | | |

Source: Directorate of Economics & Statistics, DAC&FW

#4th Advance Estimates.

Averaged out in Others

NA: Not available.

Table 4.1.16: Rapeseed & Mustard: State wise Yield

| State (1) | | | | | | | Yield (Kg/hectare) | | | |
|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------------|----------------|-----------------|------------------|
| | 2005-06 (2) | 2006-07 (3) | 2007-08 (4) | 2008-09 (5) | 2009-10 (6) | 2010-11 (7) | 2011-12 (8) | 2012-13 (9) | 2013-14 (10) | 2014-15* (11) |
| Andhra Pradesh | 333 | 600 | 500 | 667 | 500 | 520 | 667 | 500 | 600 | 500 |
| Arunachal Pradesh | 829 | 829 | 945 | 919 | 919 | 893 | 985 | 905 | 936 | # |
| Assam | 456 | 487 | 523 | 543 | 525 | 581 | 560 | 610 | 605 | 630 |
| Bihar | 926 | 1029 | 947 | 959 | 1008 | 1028 | 1029 | 1132 | 1245 | 1056 |
| Chhattisgarh | 330 | 399 | 402 | 379 | 419 | 407 | 436 | 514 | 557 | 575 |
| Gujarat | 1349 | 1396 | 1635 | 1136 | 1579 | 1565 | 1572 | 1695 | 1723 | 1663 |
| Haryana | 1117 | 1343 | 1198 | 1738 | 1655 | 1869 | 1396 | 1721 | 1639 | 1409 |
| Himachal Pradesh | 292 | 506 | 409 | 270 | 287 | 532 | 619 | 520 | 483 | 600 |
| Jammu & Kashmir | 406 | 649 | 892 | 791 | 788 | 851 | 851 | 817 | 935 | 693 |
| Jharkhand | NA | NA | NA | 541 | 578 | 653 | 670 | 783 | 629 | 625 |
| Karnataka | 400 | 250 | 250 | 400 | 400 | 500 | 250 | 500 | 333 | 500 |
| Madhya Pradesh | 1047 | 999 | 927 | 1034 | 1074 | 1148 | 1108 | 1172 | 1108 | 1006 |
| Maharashtra | 308 | 357 | 444 | 333 | 333 | 375 | 308 | 222 | 400 | 200 |
| Manipur | NA | NA | NA | 500 | 500 | 779 | 764 | 839 | 837 | # |
| Meghalaya | 667 | 667 | 658 | 681 | 680 | 681 | 680 | 672 | 938 | # |
| Mizoram | 833 | 600 | 1000 | 600 | 750 | 750 | 944 | 690 | 1100 | # |
| Nagaland | 800 | 753 | 782 | 1000 | 800 | 1000 | 1005 | 1009 | 1010 | # |
| Odisha | 190 | 171 | 201 | 182 | 211 | 208 | 212 | 275 | 269 | 244 |
| Punjab | 1102 | 1122 | 1179 | 1222 | 1300 | 1323 | 1276 | 1281 | 1306 | 1226 |

(Contd.)

Table 4.1.16 (*Contd.*)

| State | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15* |
|------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| Rajasthan | 1205 | 1185 | 946 | 1234 | 1276 | 1188 | 1189 | 1346 | 1233 | 1170 |
| Sikkim | 661 | 661 | 860 | 707 | 914 | 792 | 801 | 799 | 830 | # |
| Tamil Nadu | 200 | 333 | 333 | 333 | 333 | 233 | 229 | 230 | 241 | 214 |
| Tripura | 821 | 824 | 733 | 750 | 767 | 750 | 789 | 799 | 824 | # |
| Uttar Pradesh | 1149 | 1057 | 1157 | 1123 | 1113 | 1187 | 1136 | 1263 | 1113 | 930 |
| Uttarakhand | 667 | 563 | 643 | 714 | 800 | 803 | 867 | 933 | 739 | 688 |
| West Bengal | 909 | 803 | 888 | 764 | 1080 | 1021 | 908 | 1062 | 1066 | 1084 |
| Delhi | 763 | 1500 | 871 | 154 | 1256 | 1300 | 1251 | 1265 | NA | # |
| Others | NA | 1050 |
| All India | 1117 | 1095 | 1001 | 1143 | 1183 | 1185 | 1121 | 1262 | 1185 | 1089 |

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

Averaged out in Others
NA: Not available.

Table 4.1.17 : Linseed: State wise Yield

| State | | | | | | | Yield (Kg/hectare) | | |
|------------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------------|----------------|----------------|
| | 2005-06 (1) | 2006-07 (2) | 2007-08 (3) | 2008-09 (4) | 2009-10 (5) | 2010-11 (6) | 2011-12 (7) | 2012-13 (8) | 2013-14 (9) |
| Andhra Pradesh | 250 | 333 | 0 | 0 | 0 | 0 | 0 | 0 | 480 |
| Assam | 500 | 500 | 500 | 514 | 517 | 521 | 520 | 568 | 643 |
| Bihar | 895 | 850 | 845 | 846 | 846 | 889 | 865 | 867 | 850 |
| Chhattisgarh | 248 | 250 | 307 | 272 | 300 | 260 | 372 | 285 | 424 |
| Himachal Pradesh | 100 | 267 | 250 | 143 | 225 | 273 | 286 | 327 | 255 |
| Jammu & Kashmir | 400 | 426 | 1000 | 500 | 578 | 798 | 1157 | 582 | 500 |
| Jharkhand | 333 | 389 | 389 | 454 | 427 | 516 | 531 | 645 | 568 |
| Karnataka | 308 | 333 | 357 | 357 | 333 | 364 | 222 | 333 | 333 |
| Madhya Pradesh | 412 | 411 | 314 | 382 | 436 | 338 | 474 | 523 | 498 |
| Maharashtra | 277 | 235 | 279 | 211 | 250 | 256 | 258 | 296 | 258 |
| Nagaland | 600 | 648 | 667 | 769 | 689 | 807 | 807 | 807 | 803 |
| Odisha | 420 | 422 | 438 | 441 | 451 | 459 | 471 | 482 | 478 |
| Punjab | 500 | 500 | 1000 | 1000 | 500 | NA | NA | NA | NA |
| Rajasthan | 833 | 833 | 857 | 1432 | 2006 | 1235 | 1066 | 962 | 1351 |
| Uttar Pradesh | 414 | 373 | 251 | 450 | 441 | 453 | 452 | 433 | 385 |
| West Bengal | 284 | 240 | 271 | 239 | 295 | 341 | 359 | 349 | 200 |
| Others | NA | NA | 200 |
| All India | 395 | 385 | 349 | 415 | 449 | 408 | 473 | 502 | 484 |
| | | | | | | | | | 539 |

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

NA: Not available.

Averaged out in Others

Table 4.1.18 Safflower: State wise Yield

| State (1) | 2005-06 (2) | 2006-07 (3) | 2007-08 (4) | 2008-09 (5) | 2009-10 (6) | 2010-11 (7) | 2011-12 (8) | 2012-13 (9) | 2013-14 (10) | 2014-15* (11) |
|------------------|--------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|------------------|
| | Yield (Kg/hectare) | | | | | | | | | |
| Andhra Pradesh | 471 | 643 | 750 | 462 | 429 | 692 | 700 | 825 | 750 | 800 |
| Bihar | 1000 | 500 | 1000 | 1000 | 769 | 857 | 821 | 800 | 805 | 806 |
| Chhattisgarh | 273 | 286 | 222 | 200 | 333 | 333 | 286 | 200 | 333 | 200 |
| Gujarat | NA | NA | NA | 1000 | 857 | NA | 583 | 588 | 600 | 200 |
| Jharkhand | NA | NA | NA | 478 | 335 | 401 | 401 | 500 | 523 | 828 |
| Karnataka | 741 | 753 | 814 | 795 | 735 | 836 | 636 | 625 | 791 | 515 |
| Madhya Pradesh | 300 | 333 | 250 | 250 | 286 | 250 | NA | NA | 500 | 724 |
| Maharashtra | 605 | 606 | 667 | 565 | 580 | 543 | 545 | 552 | 570 | 390 |
| Odisha | 615 | 583 | 615 | 583 | 581 | 600 | 581 | 612 | 602 | 609 |
| West Bengal | NA | NA | NA | NA | 915 | 838 | 858 | 1000 | 1000 | 1000 |
| All India | 627 | 637 | 701 | 642 | 621 | 617 | 580 | 591 | 638 | 457 |

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

NA: Not available.

Table 4.1.19 : Sunflower: State wise Yield

| State | Season | Yield (Kg/hectare) | | | | | | | | | |
|----------------|-------------|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|----------|
| | | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15* |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Andhra Pradesh | Khanif | 351 | 406 | 629 | 640 | 380 | 738 | 588 | 789 | 800 | 583 |
| | Rabi/Summer | 805 | 871 | 1174 | 815 | 911 | 683 | 809 | 724 | 888 | 982 |
| Bihar | Total | 671 | 738 | 1026 | 778 | 771 | 693 | 785 | 732 | 870 | 912 |
| | Kharif | NA | 1233 | 1200 | 1200 | 1278 | 1280 | 1345 | 1348 | 1289 | 1291 |
| Chhattisgarh | Rabi/Summer | 1374 | 1347 | 1365 | 1429 | 1431 | 1471 | 1450 | 1454 | 1446 | 1447 |
| | Total | 1345 | 1332 | 1335 | 1388 | 1404 | 1441 | 1439 | 1441 | 1411 | 1411 |
| Haryana | Kharif | 366 | 600 | 600 | 563 | 429 | 257 | 556 | 300 | 500 | 470 |
| | Summer | 1667 | 1667 | 1583 | 1650 | 1667 | 1800 | 1800 | 1733 | 2400 | 2111 |
| Jharkhand | Kharif | NA | NA | NA | NA | 667 | 459 | NA | 457 | 825 | 696 |
| | Rabi/Summer | NA | NA | NA | NA | 684 | 743 | 663 | 678 | 800 | 524 |
| Karnataka | Total | NA | NA | NA | NA | 682 | 642 | 663 | 653 | 814 | 585 |
| | Kharif | 504 | 365 | 547 | 505 | 342 | 603 | 518 | 507 | 583 | 529 |
| Madhya Pradesh | Rabi/Summer | 593 | 472 | 595 | 488 | 422 | 637 | 505 | 528 | 626 | 650 |
| | Total | 552 | 420 | 571 | 496 | 383 | 621 | 512 | 520 | 607 | 597 |
| Maharashtra | Kharif | 333 | 333 | 500 | 500 | 500 | NA | NA | NA | NA | NA |
| | Summer | 583 | 571 | 500 | 667 | 500 | NA | NA | NA | NA | NA |
| Total | 533 | 500 | 500 | 600 | 500 | 500 | NA | NA | NA | NA | NA |
| | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Total | Kharif | 532 | 529 | 580 | 523 | 419 | 507 | 548 | 400 | 588 | 370 |
| | Rabi | 593 | 545 | 739 | 626 | 567 | 636 | 611 | 465 | 649 | 501 |
| Summer | NA | 733 | NA | 778 | 833 | 750 | 800 | NA | NA | # | |
| | Total | 580 | 548 | 680 | 587 | 521 | 601 | 583 | 436 | 620 | 425 |

(Contd.)

Table 4.1.19 (Contd.)

| State | Season | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15* |
|-------------|--------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Nagaland | Kharif | 800 | 750 | 1000 | 667 | 600 | 1000 | 818 | 808 | 769 | # |
| | Summer | 1000 | 800 | 1100 | NA | 944 | 526 | 524 | 609 | 634 | # |
| | Total | 875 | 786 | 1050 | 667 | 910 | 571 | 554 | 632 | 649 | # |
| Odisha | Kharif | NA | 667 | 750 | 667 | 769 | 750 | 705 | 700 | 714 | 719 |
| | Rabi/Summer | 830 | 949 | 995 | 930 | 908 | 1054 | 1190 | 1196 | 1200 | 1202 |
| | Total | 821 | 932 | 984 | 919 | 902 | 1049 | 1181 | 1188 | 1193 | 1195 |
| Punjab | Summer | 1612 | 1641 | 1900 | 1750 | 1787 | 1664 | 1857 | 1881 | 1738 | 1802 |
| | Rabi/Summer | 1000 | 1000 | NA |
| | Total | 1304 | 2710 | 2123 | 1017 | 1391 | 1214 | 1833 | 1343 | 1806 | 1777 |
| Tamil Nadu | Kharif | 1165 | 1284 | 1197 | 1606 | 1286 | 1113 | 1787 | 1366 | 1475 | 1509 |
| | Rabi | 1240 | 1828 | 1590 | 1329 | 1334 | 1151 | 1809 | 1357 | 1564 | 1549 |
| | Total | 1278 | 1500 | 1615 | 1889 | 2286 | 2250 | 1500 | 1500 | 1667 | 1667 |
| West Bengal | Summer | 1256 | 1292 | 1231 | 1089 | 1206 | 1123 | 1203 | 1250 | 1429 | 1467 |
| | Others | NA | 649 |
| | Rabi | NA | 623 |
| All India | Total | NA | 628 |
| | Kharif | 496 | 425 | 607 | 540 | 378 | 608 | 566 | 622 | 621 | 532 |
| | Rabi | 692 | 661 | 870 | 696 | 700 | 748 | 783 | 674 | 826 | 877 |
| | Total | 615 | 567 | 765 | 639 | 576 | 701 | 706 | 655 | 750 | 752 |

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

NA: Not available.

Averaged out in Others

Table 4.1.20 Soybean: State wise Yield

| State (1) | 2005-06 (2) | 2006-07 (3) | 2007-08 (4) | 2008-09 (5) | 2009-10 (6) | 2010-11 (7) | 2011-12 (8) | 2012-13 (9) | 2013-14 (10) | 2014-15* (11) | Yield (Kg/hectare) |
|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|------------------|--------------------|
| | | | | | | | | | | | |
| Andhra Pradesh | 1949 | 1515 | 1966 | 1366 | 827 | 1703 | 1615 | 1818 | 1612 | 1082 | |
| Arunachal Pradesh | 947 | 947 | 1167 | 1433 | 1183 | 1346 | 1487 | 1518 | 1273 | # | |
| Chhattisgarh | 900 | 997 | 1149 | 987 | 956 | 1170 | 753 | 1205 | 877 | 753 | |
| Gujarat | 853 | 510 | 382 | 699 | 805 | 810 | 786 | 1000 | 733 | 759 | |
| Himachal Pradesh | 1333 | 667 | 1833 | 1714 | 850 | 1333 | 1587 | 1429 | 1450 | 1883 | |
| Jharkhand | NA | NA | NA | 333 | 329 | 200 | 329 | 1194 | 1099 | 808 | |
| Karnataka | 534 | 718 | 858 | 679 | 446 | 875 | 901 | 1047 | 1233 | 886 | |
| Kerala | NA | # | |
| Madhya Pradesh | 1058 | 1006 | 1091 | 1142 | 1198 | 1200 | 1108 | 1293 | 831 | 1139 | |
| Maharashtra | 1077 | 1147 | 1492 | 900 | 728 | 1582 | 1319 | 1451 | 1351 | 655 | |
| Manipur | NA | NA | NA | NA | NA | 927 | 1063 | 109 | 878 | # | |
| Meghalaya | 1000 | 1000 | 909 | 1091 | 1109 | 1091 | 1694 | 1099 | 1820 | # | |
| Mizoram | 1929 | 1000 | 235 | 1100 | 1603 | 1929 | 1254 | 1411 | 1480 | # | |
| Nagaland | 1199 | 1200 | 1148 | 1498 | 1032 | 1246 | 1253 | 1252 | 1255 | # | |
| Rajasthan | 1150 | 1203 | 1343 | 971 | 1175 | 1461 | 1544 | 1412 | 829 | 1036 | |
| Sikkim | 825 | 825 | 889 | 846 | 1025 | 881 | 897 | 935 | 946 | # | |
| Uttar Pradesh | 769 | 875 | 667 | 818 | 1143 | 1273 | 1222 | 1357 | 577 | 731 | |
| Uttarakhand | 1154 | 1111 | 1462 | 1556 | 1636 | 1480 | 1500 | 1985 | 1479 | 1231 | |
| West Bengal | 500 | 600 | 600 | 600 | 603 | 567 | 1226 | 833 | 699 | 707 | |
| Others | NA | 1203 | |
| All India | 1073 | 1063 | 1235 | 1041 | 1024 | 1327 | 1208 | 1353 | 1012 | 950 | |

Source: Directorate of Economics & Statistics, DAC&FW

#4th Advance Estimates.

NA: Not available.

Averaged out in Others

**4(C) Area and Yield of cereal crops covered under
Crop Estimation Survey(CES)**

Table 4.2.1 : Rice: Area under High Yielding Varieties in Major States

| State / UTs | Season | 2003-04 | | 2004-05 | | 2005-06 | | 2006-07 | | 2007-08 | | 2008-09 | | 2009-10 | | 2010-11 | | 2011-12 | | 2012-13 | |
|-----------------|------------------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|
| | | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) | (17) | (18) | (19) | |
| Andhra Pradesh | Kharif | - | - | - | - | - | - | 2554 | - | 2061 | 2920 | 2067 | - | - | - | - | - | - | - | - | |
| | Rabi | - | - | - | - | - | - | 1270 | - | 1377 | 1829 | 1101 | - | - | - | - | - | - | - | - | |
| | Autumn | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | Winter | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Assam | Summer | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | Bhadrak | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | Aghani | 1556 | 1411 | 1525 | 1636 | 1732 | 1694 | 1446 | - | - | - | - | - | - | - | - | - | - | - | - | |
| | Garma | 88 | 80 | 76 | 87 | 92 | 85 | 74 | - | - | - | - | - | - | - | - | - | - | - | - | |
| Chhattisgarh | Kharif | 736 | 732 | 812 | 882 | 907 | 950 | 822 | 822 | 822 | 822 | 822 | 822 | 822 | 822 | 822 | 822 | 822 | 822 | 822 | 822 |
| | Rabi | 35 | 35 | 35 | 35 | 36 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| | Summer | 22 | 10 | 20 | 26 | 26 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| | Himachal Pradesh | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Goa | Kharif | 17 | 17 | 17 | 17 | 17 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| | Rabi | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | Summer | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | Haryana | 690 | 741 | 784 | 798 | 824 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 |
| Jammu & Kashmir | Jharkhand | 141 | 162 | 127 | 127 | 127 | 127 | 127 | 127 | 127 | 127 | 127 | 127 | 127 | 127 | 127 | 127 | 127 | 127 | 127 | 127 |
| | Aghani | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | Kharif | 743 | 877 | 906 | 906 | 883 | 956 | 925 | 925 | 925 | 925 | 925 | 925 | 925 | 925 | 925 | 925 | 925 | 925 | 925 | 925 |
| | Rabi | 50 | 41 | 42 | 41 | 41 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 |
| Karnataka | Summer | 74 | 209 | 363 | 284 | 324 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Autumn | 93 | 98 | 91 | 76 | 73 | 75 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 |
| | Winter | 110 | 116 | 111 | 112 | 84 | 84 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 |
| | Summer | 36 | 35 | 22 | 35 | 45 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 |
| Madhya Pradesh | Maharashtra | 123 | 136 | 176 | 169 | 155 | 1459 | 1374 | 1374 | 1374 | 1374 | 1374 | 1374 | 1374 | 1374 | 1374 | 1374 | 1374 | 1374 | 1374 | 1374 |
| | Kharif | 1312 | 1342 | 1331 | 1459 | 1534 | 1453 | 2025 | 2025 | 2025 | 2025 | 2025 | 2025 | 2025 | 2025 | 2025 | 2025 | 2025 | 2025 | 2025 | 2025 |
| | Summer | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | Autumn | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Meghalaya | Summer | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | Autumn | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |

(Contd.)

Table 4.2.1 (*Contd.*)

| State / UTs | Season | 2003-04 | 2004-05 | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 |
|----------------------|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Odisha | Winter | - | - | - | - | - | - | - | - | - | 33 |
| | Autumn | - | - | - | - | - | - | - | - | - | 7 |
| Punjab | Winter | - | - | - | - | - | - | - | - | - | - |
| | Summer | 450 | 434 | 436 | 439 | 451 | 465 | 475 | 475 | 412 | 448 |
| Rajasthan | 2185 | 2276 | 2341 | 2409 | 2488 | 2635 | 2712 | 2640 | 2726 | 2754 | - |
| | 253 | 293 | 325 | 315 | 333 | 331 | 265 | 293 | 235 | 274 | - |
| Tamil Nadu# | K/K/S | - | - | - | - | 279 | - | - | - | 332 | 205 |
| | S/T/P | - | - | - | - | - | - | - | - | 1335 | 1092 |
| | N/K | - | - | - | - | - | - | - | - | 122 | 95 |
| | Uttarakhand | - | - | - | - | - | - | - | - | 140 | 129 |
| Uttar Pradesh | Kharif | - | - | - | - | - | - | - | - | - | - |
| | Rabi | - | - | - | - | - | - | - | - | 14 | 14 |
| West Bengal | Aus. | - | - | - | - | - | - | - | - | 5662 | - |
| | Aman | - | - | - | - | - | - | - | - | - | - |
| Dadra & Nagar Haveli | Summer | - | - | - | - | - | - | - | - | - | - |
| | Delhi | 9 | 9 | 5 | 9 | 12 | 9 | 9 | 12 | 13 | 13 |
| Daman & Diu | 7 | 9 | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 7 | 6 |
| | Puducherry | 1 | 1 | 1 | 1 | 1 | - | 1 | 1 | 1 | 1 |
| | I-Kharif | 6 | 6 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 |
| II-Rabi-I | 12 | 13 | 12 | 12 | 5 | 5 | 11 | 11 | 10 | 9 | - |
| | III-Rabi-II | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 2 | 4 | - |

Source: Consolidated Results of Crop Estimation Survey on Principal Crops- Published by NSSO

K/K/S - Kar/Karuva/Soornaveri (Early Kharif), S/T/P - Samba/Thalady/Bishanam (Late Kharif), N/K - Navarai/Kodai (Rabi)

* I - Kharif, II - Rabi-I, III - Rabi-II (Summer)

Blank (-) Not available with State Agricultural Statistics Authority (SASA)

Blank (-) Not available with State Agricultural Statistics Authority (SASA), *I-Kharif II- Rabi-I, III-Rabi-II (summer)

Table 4.2.2 : Jowar: Area under High Yielding Varieties in Major States

| State / UTs | Season | 2003-04 | | 2004-05 | | 2005-06 | | 2006-07 | | 2007-08 | | 2008-09 | | 2009-10 | | 2010-11 | | 2011-12 | | 2012-13 | |
|----------------|--------|---------|------|---------|------|---------|-----|---------|-----|---------|------|---------|------|---------|---|---------|---|---------|---|---------|---|
| | | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | | | | | | | | |
| Andhra Pradesh | Kharif | - | - | - | - | - | - | 2 | 12 | 0 | - | 20 | - | | | | | | | | |
| | Rabi | - | - | - | - | - | - | 26 | 5 | 170 | 170 | 67 | - | | | | | | | | |
| Chhattisgarh | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| Gujarat | Kharif | 55 | 31 | 50 | - | - | - | 40 | 52 | 49 | 49 | 39 | - | | | | | | | | |
| | Summer | 38 | 18 | 29 | 15 | - | - | 15 | 0 | - | - | - | - | | | | | | | | |
| Karnataka | Rabi | - | - | - | - | - | - | 12 | 12 | 17 | 17 | 15 | - | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| Karnataka | Kharif | 189 | 304 | 262 | 341 | 254 | 203 | 195 | 195 | 195 | 195 | 172 | 131 | - | - | - | - | - | - | - | - |
| | Rabi | 848 | 850 | 800 | 775 | 819 | 896 | 842 | 842 | 842 | 842 | 770 | 887 | - | - | - | - | - | - | - | - |
| Madhya Pradesh | Summer | - | 16 | - | - | - | 6 | 5 | 3 | 3 | 3 | 11 | 8 | - | - | - | - | - | - | - | - |
| | | | | | | | | | | | | | | | | | | | | | |
| Maharashtra | Kharif | 1570 | 1518 | - | 1378 | 1253 | 847 | 976 | 976 | 976 | 976 | 865 | 888 | - | - | - | - | - | - | - | - |
| | Rabi | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Rajasthan | | 292 | 174 | 218 | 171 | 51 | - | 57 | 57 | 57 | 57 | 156 | 204 | - | - | - | - | - | - | - | - |
| | | | | | | | | | | | | | | | | | | | | | |
| Tamil Nadu | | - | - | - | - | - | - | - | - | - | - | 175 | 189 | - | - | - | - | - | - | - | - |
| | | | | | | | | | | | | | | | | | | | | | |
| Uttar Pradesh | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | | | | | | | | | | | | | | | | | | | | |

Source: Consolidated Results of Crop Estimation Survey on Principal Crops- Published by NSSO

Blank (-) Not available with State Agricultural Statistics Authority (SASA)

Table 4.2.3: Bajra: Area under High Yielding Varieties in Major States

| State / UTs | Season | 2003-04 | 2004-05 | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 |
|----------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Andhra Pradesh | - | - | - | - | - | 17 | 25 | 51 | - | - | - |
| Gujarat | Kharif | - | 750 | 764 | - | 713 | 513 | 483 | 482 | 418 | - |
| | Summer | 163 | 135 | 150 | 166 | 179 | 159 | 162 | 354 | 392 | - |
| Haryana | - | 560 | 480 | 545 | 536 | 576 | 561 | 426 | 590 | 544 | 396 |
| Karnataka | Kharif | 279 | 426 | 415 | 361 | 413 | 258 | 290 | 301 | 285 | 272 |
| Madhya Pradesh | - | - | - | - | - | - | - | - | 132 | 143 | |
| Maharashtra | 1214 | 1423 | 1434 | 1411 | 1283 | 859 | 918 | 970 | 838 | 788 | |
| Punjab | - | - | 2248 | 2494 | - | - | - | - | - | 3 | |
| Rajasthan | 2935 | 2194 | - | - | 2145 | 1755 | 2135 | - | 1513 | 1583 | |
| Tamil Nadu | - | - | - | - | - | - | - | - | 44 | 39 | |
| Uttar Pradesh | - | - | - | - | - | - | - | - | - | - | |
| Delhi | 2 | 2 | 2 | 2 | 2 | 2 | 2 | - | 1 | 2 | |
| Daman & Diu | - | - | - | - | - | - | - | - | - | - | |

Source: Consolidated Results of Crop Estimation Survey on Principal Crops- Published by NSSO

Blank (-) Not available with State Agricultural Statistics Authority (SASA)

Table 4.2.4: Maize: Area under High Yielding Varieties in Major States

| State / UTs | Season | 2003-04 | | | 2004-05 | | | 2005-06 | | | 2006-07 | | | 2007-08 | | | 2008-09 | | | 2009-10 | | | 2010-11 | | | 2011-12 | | |
|-----------------|------------------|---------|-----|-----|---------|------|-----|---------|------|------|---------|------|------|---------|------|------|---------|------|------|---------|------|------|---------|------|------|---------|--|--|
| | | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) | (17) | (18) | (19) | (20) | (21) | (22) | (23) | (24) | (25) | | |
| Andhra Pradesh | Kharif | - | - | - | - | - | - | 105 | 457 | 503 | 435 | 94 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| | Rabi | - | - | - | - | - | - | - | 272 | 386 | 281 | 218 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| | Bhadai | 105 | 105 | 119 | 108 | 109 | 107 | 75 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Bihar | Rabi | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| | Garma | 103 | 111 | 121 | 131 | 138 | - | - | 148 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| | Chhattisgarh | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Gujarat | - | 249 | 320 | 305 | - | - | - | 307 | 307 | 330 | 330 | 291 | 291 | 282 | 282 | - | - | - | - | - | - | - | - | - | - | - | | |
| | Haryana | 8 | 10 | 8 | 6 | 6 | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| | Himachal Pradesh | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Jammu & Kashmir | - | 71 | 47 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | | |
| | Karnataka | 544 | 779 | 839 | 864 | 1013 | 928 | 1055 | 1055 | 1099 | 1099 | 1203 | 1203 | 1160 | 1160 | - | - | - | - | - | - | - | - | - | - | - | | |
| | Rabi | 47 | 55 | 80 | 78 | 75 | 103 | 103 | 103 | 103 | 103 | 107 | 107 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | | |
| Madhya Pradesh | Summer | - | 9 | - | 16 | 20 | 28 | 28 | 28 | 28 | 28 | 24 | 24 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | | |
| | Maharashtra | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| | Rabi | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Odisha | Autumn | 26 | 31 | 35 | 35 | 45 | 49 | 66 | 66 | 99 | 99 | 213 | 213 | 81 | 81 | - | - | - | - | - | - | - | - | - | - | - | | |
| | Winter | 1 | 2 | 6 | 6 | 6 | 0.3 | 0.2 | 1 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| | Summer | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 17 | 17 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |

(Contd.)

Table 4.2.4 (*Contd.*)

| State / UTs | Season | 2003-04 | 2004-05 | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 |
|---------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Punjab | - | 100 | 104 | 115 | 103 | 110 | 49 | - | 106 | 109 | |
| Rajasthan | Kharif | 498 | 444 | 544 | 590 | 667 | 442 | 352 | - | 595 | 504 |
| | Rabi | - | - | - | - | - | - | - | - | - | - |
| Tamil Nadu | | | | | 213 | 286 | 231 | - | 279 | 287 | |
| Uttar Pradesh | - | - | - | - | - | - | - | - | - | - | |
| West Bengal | - | - | - | - | - | - | - | - | - | - | |

Source: Consolidated Results of Crop Estimation Survey on Principal Crops- Published by NSSO

Blank (-) Not available with State Agricultural Statistics Authority (SASA)

Table 4.2.5 : Wheat: Area under High Yielding Varieties in Major States

| State / UTs | Season | 2003-04 | 2004-05 | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 |
|------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Assam | - | - | - | - | - | - | - | - | - | - | - |
| Bihar | 1470 | 1473 | 1479 | 1564 | 1608 | 1620 | 1604 | - | 1590 | 1638 | |
| Chhattisgarh | 67 | 41 | 41 | 40 | 42 | 47 | 56 | - | 49 | 52 | |
| Gujarat | 731 | 641 | 744 | 1023 | 1222 | 1037 | 854 | 1544 | 1234 | - | |
| Haryana | 2290 | 2288 | 2290 | 2345 | 2390 | 2383 | 2357 | - | 2411 | 2378 | |
| Himachal Pradesh | - | - | - | - | - | - | - | - | - | - | |
| Jammu & Kashmir | 143 | 140 | 131 | 131 | 131 | 131 | 131 | 131 | 131 | 112 | 152 |
| Jharkhand | - | - | - | - | - | - | - | - | - | 159 | 164 |
| Karnataka | 101 | 120 | 147 | 182 | 177 | 175 | 196 | 173 | 148 | 144 | |
| Madhya Pradesh | 2269 | 2405 | 1965 | 2425 | 2457 | 2404 | 2765 | 2936 | 3753 | 4018 | |
| Maharashtra | 622 | 724 | 924 | 1231 | 1253 | 1015 | 1012 | 1258 | 878 | 785 | |
| Odisha | Summer | 5 | 4 | 3 | 4 | 5 | 5 | 5 | 3 | 14 | 1 |
| Punjab | - | 3482 | 3468 | 3467 | 3488 | 3526 | 3522 | - | 3517 | 3504 | |
| Rajasthan | 1528 | 1350 | 1796 | 2320 | 2199 | 1766 | 1658 | - | 2656 | 2756 | |
| Uttarakhand | - | - | - | - | - | - | - | - | - | 171 | |
| Uttar Pradesh | - | - | - | - | - | - | - | - | 9630 | - | |
| West Bengal | - | - | - | - | - | - | - | - | - | - | |
| Delhi | 19 | 13 | 8 | 13 | 13 | 13 | - | - | 20 | 19 | |

Source: Consolidated Results of Crop Estimation Survey on Principal Crops- Published by NSSO

Blank (-) Not available with State Agricultural Statistics Authority (SASA)

Table 4.2.6: Rice: Yield of Local Varieties in Major States

| State / UTs | Season | (Kg/hectare) | | | | | | | | | | |
|-----------------|------------------|--------------|------|------|------|------|------|------|------|------|------|------|
| | | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| Andhra Pradesh | Kharif | - | - | - | - | - | 3078 | - | - | - | - | - |
| | Rabi | - | - | - | - | - | 3570 | - | - | - | - | - |
| Assam | Autumn | 1012 | 665 | 1043 | 931 | 1060 | 1076 | 934 | 979 | 1192 | - | - |
| | Winter | 1554 | 1421 | 1473 | 1223 | 1354 | 1575 | 1614 | 1921 | 1733 | - | - |
| Bihar | Summer | 1399 | 1704 | 1580 | 1662 | 1370 | 1882 | 1907 | 2249 | 2392 | - | - |
| | Bhadai | 1234 | 912 | 951 | 1023 | 612 | 2006 | 897 | - | 1603 | 1697 | - |
| Gujarat | Aghani | 1217 | 551 | 811 | 1203 | 1091 | 2198 | 1036 | - | 2350 | 2235 | - |
| | Garma | 1331 | 1174 | 1436 | 1787 | 1623 | 2366 | 1419 | - | 1507 | 2292 | - |
| Haryana | Chhattisgarh | 958 | 1084 | 1201 | 1175 | 1307 | 1057 | 990 | 990 | 1855 | 2075 | - |
| | Kharif | - | - | - | - | - | - | - | - | - | - | - |
| Jammu & Kashmir | Rabi | - | - | - | - | - | - | - | - | - | - | - |
| | Himachal Pradesh | 1438 | 966 | 910 | 1446 | 1564 | 989 | 611 | 1226 | 1434 | - | - |
| Jharkhand | Summer | - | 2765 | 3406 | - | - | 1879 | 3263 | 3116 | 4633 | - | - |
| | Jharkhand | 2126 | 2208 | 1981 | 2373 | 2544 | 2215 | 2500 | 2788 | 2425 | 2743 | - |
| Karnataka | Aghani | 1478 | 1306 | 1466 | 1596 | 1662 | 1652 | 1372 | 1728 | - | - | - |
| | Kharif | 1780 | 1596 | 1798 | 1798 | 1798 | 1798 | 1798 | 1798 | 2775 | 4657 | - |
| Karnataka | Rabi | 1059 | 1463 | 1838 | 1714 | 1851 | 1375 | 1542 | 1821 | 1776 | 1564 | - |
| | Rabi | 2300 | 2509 | 1694 | 1815 | 1830 | 2052 | 2173 | 1934 | 2250 | 2133 | - |

(Contd.)

Table 4.2.6 (*Contd.*)

| State / UTs | Season | 2003-04 | 2004-05 | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 |
|----------------|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Kerala | Summer | - | - | - | - | 1019 | 3179 | 2791 | 3005 | - | - |
| | Autumn | 1549 | 1426 | 1622 | 1626 | 1477 | 1474 | 1494 | 1460 | 1723 | 1553 |
| | Winter | 1729 | 1873 | 1905 | 1740 | 1781 | 1715 | 1722 | 1657 | 1753 | 1616 |
| Madhya Pradesh | Summer | 1391 | 1417 | 1607 | 1702 | 1711 | 1689 | 1571 | 1729 | 1761 | 1309 |
| | Kharif | 987 | 724 | 952 | 783 | 767 | 1428 | 1436 | 1046 | - | - |
| | Rabi | 1069 | 1191 | 1049 | 1552 | 639 | 1220 | 1267 | 1125 | - | - |
| Meghalaya | Summer | - | - | - | - | - | - | - | 2228 | - | - |
| | Autumn | 1285 | 1277 | 1380 | 1369 | 1235 | 1285 | 1279 | 1478 | - | 1412 |
| | Winter | 1487 | 1378 | 1479 | 1870 | 1296 | 1452 | 1398 | 1548 | - | 1814 |
| Nagaland | Kharif | - | - | - | - | - | - | - | - | - | 1905 |
| | Rabi | - | - | - | - | - | - | - | - | - | 2521 |
| | Summer | - | - | - | - | - | - | - | - | - | - |
| Odisha | Autumn | 765 | 677 | 670 | 815 | 1360 | 851 | 692 | 621 | 730 | 1147 |
| | Winter | 1276 | 1249 | 1239 | 1165 | 1915 | 1077 | 1185 | 1090 | 1039 | 1585 |
| | Summer | - | - | - | - | - | - | - | - | - | - |
| Punjab | Punjab | 3396 | 3537 | 1799 | - | - | - | - | - | - | - |
| | Rajasthan | 1140 | 1130 | 1328 | 1501 | 2163 | 4432 | 1567 | 3051 | 4314 | - |
| | Tamil Nadu# | 3333 | - | - | - | - | 3643 | - | 5271 | 0 | - |
| Uttarakhand | S/T/P | 2552 | 1738 | 2645 | 1634 | 593 | 1746 | 1571 | 1698 | 2827 | - |
| | N/K | 3082 | 1613 | 2714 | - | 3250 | 3550 | - | - | - | 1406 |
| | Kharif | - | - | - | - | - | - | - | - | - | - |
| Uttar Pradesh | Rabi | - | - | - | - | - | - | - | - | - | - |
| | Summer | - | - | - | - | - | - | - | - | - | - |

(Contd.)

Table 4.26 (*Contd.*)

| State / UTs | Season | 2003-04 | 2004-05 | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 |
|----------------------|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| West Bengal | Aus. | 1525 | 1395 | 1403 | 1240 | 1333 | 1865 | 1066 | 1334 | - | 3024 |
| | Aman | 1744 | 1746 | 1662 | 1701 | 1409 | 2542 | 1781 | 1982 | - | 3430 |
| | Summer | 2526 | 2733 | 2919 | 2115 | 1869 | 3428 | 2095 | 2913 | - | 4891 |
| Dadra & Nagar Haveli | | 1572 | 1576 | 2353 | 1814 | 1817 | 2724 | 1816 | 2649 | - | 2046 |
| Delhi | | - | - | - | - | - | - | - | - | - | - |
| Daman & Diu | | 1843 | 1715 | 1490 | 1765 | 1750 | 1750 | 1036 | 1183 | - | 1180 |
| Puducherry | I-Kharif | - | - | - | - | - | - | - | - | - | - |
| | II-Rabi-I | - | - | - | - | - | - | - | - | - | - |
| | III-Rabi-II | - | - | - | - | - | - | - | - | - | - |

Source: Consolidated Results of Crop Estimation Survey on Principal Crops- Published by NSSO

K/K/S - Kar/Karuvali/Sornaveri (Early Kharif), S/T/P - Sanba/Thalady/Bishanam (Late Kharif)

N/K - Navrai/Kodai (Rabi) * I - Kharif, II - Rabi-I, III - Rabi-II (Summer)

Blank (-) Not available with State Agricultural Statistics Authority (SASA)

Table 4.27: Jowar Yield of Local Varieties in Major States

| State / UTs | Season | 2003-04 | | | | | | 2004-05 | | | | | | 2005-06 | | | | | | 2006-07 | | | | | | 2007-08 | | | | | | 2008-09 | | | | | | 2009-10 | | | | | | 2010-11 | | | | | | 2011-12 | | | | | |
|----------------|---------------|---------|------|------|------|------|------|---------|------|------|------|------|------|---------|------|------|------|------|------|---------|------|------|------|------|------|---------|------|------|------|------|------|---------|------|------|------|------|------|---------|---|---|---|---|---|---------|---|---|--|--|--|---------|--|--|--|--|--|
| | | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) | (17) | (18) | (19) | (20) | (21) | (22) | (23) | (24) | (25) | (26) | (27) | (28) | (29) | (30) | (31) | (32) | (33) | (34) | (35) | (36) | | | | | | | | | | | | | | | | | | |
| Andhra Pradesh | Kharif | - | - | - | - | - | - | 1241 | 1145 | 906 | 1005 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | |
| | Rabi | - | - | - | - | - | - | 1153 | 1505 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | |
| Gujarat | Kharif | 1001 | 667 | 792 | 873 | 1021 | 1123 | 897 | 897 | 897 | 897 | 768 | 715 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | |
| | Rabi | 828 | 1242 | 1200 | - | - | - | 1327 | 1021 | 956 | 933 | 1078 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | |
| Karnataka | Kharif | 835 | 932 | 824 | 745 | - | - | 895 | 876 | 1052 | 1033 | 1611 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | |
| | Rabi | 332 | 537 | 524 | 586 | 889 | 724 | 529 | 969 | 710 | 640 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | |
| Madhya Pradesh | Summer | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | |
| | Kharif | 1197 | 953 | 945 | 898 | 908 | 1092 | 1074 | 1164 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | |
| Maharashtra | Kharif | 892 | 740 | - | 576 | 341 | 875 | 581 | 1082 | 1077 | 1604 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | |
| | Rabi | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | |
| Nagaland | Kharif | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | |
| | Rajasthan | 671 | 412 | 271 | 513 | 604 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | |
| Tamil Nadu | - | 587 | 715 | 685 | 1123 | 894 | 674 | 667 | 834 | 1394 | 608 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | |
| | Uttar Pradesh | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | |

Source: Consolidated Results of Crop Estimation Survey on Principal Crops- Published by NSSO
Blank (-) Not available with State Agricultural Statistics Authority (SASA)

Table 4.2.8 : Bajra: Yield of Local Varieties in Major States

| State / UTs | Season | 2003-04 | 2004-05 | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 |
|----------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Andhra Pradesh | - | - | - | - | 1263 | 856 | - | - | - | - | - |
| Gujarat | Kharif | 1320 | 1001 | 1073 | - | 924 | 1061 | 1098 | 939 | 999 | - |
| | Summer | - | 3198 | 968 | 2351 | 1974 | 2877 | - | 2320 | - | - |
| Haryana | | 1071 | 756 | 925 | 1482 | 1289 | 1535 | 1432 | 1529 | 2094 | 1656 |
| Karnataka | Kharif | 300 | 391 | 615 | 473 | 734 | 513 | 315 | 483 | 612 | 716 |
| Madhya Pradesh | | 822 | 795 | 841 | 740 | 665 | 972 | 945 | 1151 | - | - |
| Maharashtra | | 466 | 512 | - | 455 | - | 502 | 441 | 675 | 982 | - |
| Punjab | - | - | - | - | - | - | - | - | - | - | - |
| Nagaland | Kharif | - | - | - | - | - | - | - | - | - | 1014 |
| Rajasthan | | 942 | 399 | 288 | 341 | 541 | 644 | 304 | 799 | 1158 | - |
| Tamil Nadu | | 826 | 1050 | 740 | 760 | 980 | 913 | 884 | - | 2835 | - |
| Uttar Pradesh | - | - | - | - | - | - | - | - | - | - | - |
| Delhi | - | - | - | - | - | - | - | - | - | - | - |
| Daman & Diu | | 780 | 1454 | 1033 | 2015 | 1654 | 1654 | 1312 | 1378 | 1410 | 1360 |

Source: Consolidated Results of Crop Estimation Survey on Principal Crops-Published by NSSO

Blank (-) Not available with State Agricultural Statistics Authority (SASA)

Table 4.29: Maize: Yield of Local Varieties in Major States

| State / UTs | Season | 2003-04 | | | | | | 2004-05 | | | | | | 2005-06 | | | | | | 2006-07 | | | | | | 2007-08 | | | | | | 2008-09 | | | | | | 2009-10 | | | | | | 2010-11 | | | | | | 2011-12 | | | | | |
|----------------|------------------|---------|------|------|------|------|------|---------|------|------|------|------|------|---------|------|------|------|------|------|---------|------|------|------|------|------|---------|------|------|------|------|------|---------|------|------|------|------|--|---------|--|--|--|--|--|---------|--|--|--|--|--|---------|--|--|--|--|--|
| | | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) | (17) | (18) | (19) | (20) | (21) | (22) | (23) | (24) | (25) | (26) | (27) | (28) | (29) | (30) | (31) | (32) | (33) | (34) | (35) | | | | | | | | | | | | | | | | | | | |
| Andhra Pradesh | Kharif | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | |
| | Rabi | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | |
| Bihar | Bhadai | 1650 | 1496 | 1542 | 1502 | 768 | 1276 | 1511 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | |
| | Rabi | 3006 | 3041 | 3045 | 3612 | 3974 | 3828 | 2599 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | |
| Chhattisgarh | Garma | 2953 | 2600 | 2579 | 2541 | 2467 | 2756 | 2905 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | |
| | Chhatisgarh | 1370 | 1430 | 1058 | 1225 | 1523 | 1523 | 1392 | 1392 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | |
| Gujarat | Garma | 1661 | 899 | 1481 | - | 1327 | 1378 | 890 | 890 | 1618 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | |
| | Rabi | 2449 | 2302 | 2061 | 2236 | 2584 | 2103 | 2126 | 2126 | 1665 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | |
| Haryana | Himachal Pradesh | 2551 | 2227 | 1932 | 2376 | 2435 | 2222 | 1990 | 1990 | 2483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | |
| | Jammu & Kashmir | 1555 | 1473 | 1302 | 1302 | 1302 | 1302 | 1302 | 1302 | 1302 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | |
| Karnataka | Kharif | 1500 | 1999 | 1832 | 2133 | 2652 | 1192 | 877 | 877 | 2019 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | |
| | Rabi | 670 | 1691 | 2624 | 2423 | 2397 | 1951 | 1951 | 1951 | 2233 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | |
| Madhya Pradesh | Summer | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | |
| | Rabi | 1557 | 1185 | 1179 | 896 | 1044 | 331 | 1159 | 1159 | 1408 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | |
| Maharashtra | Kharif | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | |
| | Rabi | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | |
| Nagaland | Kharif | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | |
| | Rabi | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | |
| Odisha | Autumn | 891 | 1006 | 862 | 845 | 921 | 943 | 850 | 1102 | 1514 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | |
| | Winter | 1291 | 899 | 654 | 831 | 2472 | 814 | 974 | 1258 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | |

(Contd.)

| State / UTs | Season | 2003-04 | 2004-05 | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 |
|-------------|---------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Punjab | Summer | 740 | 837 | 945 | 1116 | 1217 | 3945 | 1268 | - | - | 1230 |
| | Kharif | 2287 | 2395 | 2081 | 2001 | 2094 | 2195 | 3237 | - | 2274 | 2734 |
| Rajasthan | Rabi | 1796 | 1225 | 875 | 1060 | 1615 | 1753 | 1101 | 1786 | 1867 | - |
| | Uttar Pradesh | - | - | - | - | - | - | - | - | - | - |
| West Bengal | - | 2029 | 1824 | 1908 | 1673 | 1737 | 1926 | 2121 | 4084 | 4569 | - |

Source: Consolidated Results of Crop Estimation Survey on Principal Crops- Published by NSSO

Blank (-) Not available with State Agricultural Statistics Authority (SASA)

Table 4.2.10 : Wheat: Yield of Local Varieties in Major States

| State / UTs | Season | 2003-04 | 2004-05 | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 |
|------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Assam | | 1040 | 1084 | 1079 | 1228 | 1236 | 1054 | 1129 | 1147 | 1222 | - |
| Bihar | | 1552 | 1393 | 1233 | 1794 | 2094 | 1794 | 1823 | - | 2778 | 2602 |
| Chhattisgarh | | 784 | 652 | 728 | 766 | 884 | 834 | 874 | 874 | 1326 | 1459 |
| Gujarat | | 697 | 1910 | 2052 | 953 | 1341 | 1382 | 1755 | 1217 | 2496 | - |
| Haryana | | 2240 | 2419 | 3075 | 2889 | 3563 | 4176 | 3746 | 4482 | 4931 | 4158 |
| Himachal Pradesh | | 1360 | 1795 | 1104 | 1622 | 1451 | 1063 | 1176 | 1747 | - | - |
| Jammu & Kashmir | | 1437 | 1567 | 1558 | 1558 | 1558 | 1558 | 1558 | 1558 | 1617 | 1783 |
| Jharkhand | | - | - | - | - | - | - | - | - | - | - |
| Karnataka | | 216 | 596 | 660 | 501 | 763 | 748 | 743 | 1054 | 802 | 520 |
| Madhya Pradesh | | 1346 | 1298 | 1284 | 1320 | 1165 | 1311 | 1512 | 1363 | - | - |
| Maharashtra | | 708 | 864 | 773 | - | - | 779 | 1092 | 1250 | - | - |
| Nagaland | | - | - | - | - | - | - | - | - | 1711 | 1801 |
| Odisha | Summer | 1359 | - | 1142 | 1363 | 1252 | 1151 | 1151 | 1447 | - | 1731 |
| Punjab | | 3582 | - | - | - | - | - | - | - | 3841 | 4365 |
| Rajasthan | | 2331 | 2780 | 2583 | 2175 | 2368 | 2971 | 2688 | 3364 | 1459 | - |
| Uttarakhand | | - | - | - | - | - | - | - | - | 1383 | 1525 |
| Uttar Pradesh | | - | - | - | - | - | - | - | - | - | - |
| West Bengal | | 2052 | 1873 | 1930 | 2038 | 2239 | 1882 | 2174 | 2356 | 3626 | 3468 |
| Delhi | | - | - | - | - | - | - | - | - | - | - |

Source: Consolidated Results of Crop Estimation Survey on Principal Crops- Published by NSSO

Blank (-) Not available with State Agricultural Statistics Authority (SASA)

Table 4.2.11 : Rice: Yield of High Yielding Varieties in Major States

| State / UTs | Season | 2002-03 | | 2003-04 | | 2004-05 | | 2005-06 | | 2006-07 | | 2007-08 | | 2008-09 | | 2009-10 | | 2010-11 | | 2011-12 | | 2012-13 | |
|------------------|-----------------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|---|---------|---|---------|---|---------|---|---------|---|
| | | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | | | | | | | | | |
| Andhra Pradesh | Kharif | - | - | - | - | - | - | - | - | 3060 | - | 2835 | 2563 | - | - | - | - | - | - | - | - | - | - |
| | Rabi | - | - | - | - | - | - | - | - | 3312 | - | 3449 | 3716 | - | - | - | - | - | - | - | - | - | - |
| Assam | Autumn | 1839 | 1778 | 1551 | 1950 | 1674 | 1452 | 1789 | 1782 | 1660 | 2032 | 1993 | - | - | - | - | - | - | - | - | - | - | - |
| | Winter | 2262 | 2263 | 2013 | 2064 | 1831 | 1713 | 2480 | 2304 | 2358 | 2154 | 2554 | - | - | - | - | - | - | - | - | - | - | - |
| Bihar | Summer | 2518 | 2220 | 2309 | 2126 | 2470 | 2697 | 2466 | 2325 | 2785 | 2962 | 3312 | - | - | - | - | - | - | - | - | - | - | - |
| | Bhadai | 1401 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Ghaghara | Aghani | 1703 | 1810 | 942 | 1409 | 1789 | 1596 | 2814 | 1261 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | Garma | 1641 | 1502 | 1521 | 1552 | 1643 | 1741 | 2486 | 1966 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Chhattisgarh | 1163 | 1267 | 1840 | 2134 | 2221 | 2145 | 1747 | 1827 | 1827 | 2298 | 2298 | 2709 | - | - | - | - | - | - | - | - | - | - | - |
| | Kharif | 2369 | 3182 | 2852 | 2865 | 2405 | 2281 | 2339 | 1902 | 2358 | 2521 | 2599 | - | - | - | - | - | - | - | - | - | - | - |
| Goa | Rabi | 2584 | 3038 | 2597 | 2671 | 2570 | 2428 | 2440 | 2593 | 2667 | 2688 | 2828 | - | - | - | - | - | - | - | - | - | - | - |
| | Kharif | 1330 | 2054 | 1893 | 2059 | 2822 | 3081 | 1772 | 1978 | 2086 | 3210 | - | - | - | - | - | - | - | - | - | - | - | - |
| Gujarat | Summer | 3104 | 3106 | 2993 | 3182 | 4311 | 4667 | 3274 | 2950 | 3042 | 4764 | - | - | - | - | - | - | - | - | - | - | - | - |
| | Haryana | - | 3042 | 3218 | 3410 | 3504 | 3611 | 2876 | 3713 | 2788 | 4223 | 3946 | - | - | - | - | - | - | - | - | - | - | - |
| Himachal Pradesh | 1283 | 1825 | 1643 | 1751 | 1936 | 1927 | 1997 | 1593 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | Jammu & Kashmir | 1862 | 2078 | 2172 | 2514 | 2514 | 2514 | 2514 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Jharkhand | Aghani | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | Kharif | 2503 | 2688 | 2856 | 2874 | 2860 | 2974 | 2948 | 2801 | 3157 | 3002 | 2843 | - | - | - | - | - | - | - | - | - | - | - |
| Karnataka | Rabi | 2198 | 3120 | 3550 | 2331 | 2421 | 2288 | 2299 | 2384 | 2430 | 2300 | 2548 | - | - | - | - | - | - | - | - | - | - | - |

(Contd.)

Table 4.2.11 (Contd.)

| State / UTs | Season | 2002-03 | | 2003-04 | | 2004-05 | | 2005-06 | | 2006-07 | | 2007-08 | | 2008-09 | | 2009-10 | | 2010-11 | | 2011-12 | | 2012-13 | |
|----------------|---------------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|--|---------|--|---------|--|---------|--|---------|--|
| | | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | | | | | | | | | |
| Kerala | Summer | 2642 | 4107 | 4709 | 3273 | 3046 | 3213 | 2094 | 3224 | 3408 | 3393 | 3341 | | | | | | | | | | | |
| | Autumn | 2165 | 2244 | 2365 | 2205 | 2343 | 2215 | 2486 | 2529 | 2439 | 2535 | 2571 | | | | | | | | | | | |
| Madhya Pradesh | Winter | 2351 | 1875 | 2365 | 2455 | 2599 | 2519 | 2537 | 2686 | 2463 | 2812 | 2575 | | | | | | | | | | | |
| | Summer | 2748 | 2287 | 2525 | 2743 | 2896 | 2413 | 2994 | 2723 | 2692 | 3161 | 2850 | | | | | | | | | | | |
| Maharashtra | Kharif | 1221 | 1872 | 1087 | 2909 | 1565 | 1700 | 900 | 885 | 1835 | - | 1964 | | | | | | | | | | | |
| | Summer | 869 | 1957 | 1434 | 1838 | 1669 | 1898 | 1499 | 1515 | 1821 | - | 1964 | | | | | | | | | | | |
| Meghalaya | Autumn | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | |
| | Winter | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | |
| Nagaland | Kharif | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | |
| | Rabi | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | |
| Odisha | Autumn | 423 | 1202 | 949 | 1055 | 1144 | 1838 | 1146 | 1037 | 933 | 809 | 1878 | | | | | | | | | | | |
| | Winter | 844 | 1795 | 1668 | 1777 | 1755 | 2878 | 1637 | 1742 | 1754 | 1532 | 2531 | | | | | | | | | | | |
| Punjab | Summer | 2125 | 2133 | 2230 | 2160 | 2293 | 2447 | 2451 | 2713 | 2259 | 3262 | 3165 | | | | | | | | | | | |
| | Rajasthan | 3501 | 3681 | 3942 | 3846 | 3868 | 4018 | 4022 | 4010 | - | 3741 | 3998 | | | | | | | | | | | |
| Tamil Nadu# | K/K/S | 947 | 1373 | 1551 | 1301 | 2637 | 3334 | 1840 | 1309 | 1259 | 2021 | - | | | | | | | | | | | |
| | S/T/P | 3495 | 3347 | 3542 | 3358 | 3383 | 4054 | 3853 | 3490 | 3634 | 4182 | 4033 | | | | | | | | | | | |
| Uttarakhand | N/K | 2845 | 2749 | 3033 | 2648 | 3838 | 3018 | 2734 | 3125 | 3059 | 3922 | 2761 | | | | | | | | | | | |
| | Kharif | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | |
| Uttar Pradesh | Rabi | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | |
| | Uttar Pradesh | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | |

(Contd.)

Table 4.2.11 (Contd.)

| State / UTs | Season | 2002-03 | 2003-04 | 2004-05 | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 |
|-------------|----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) |
| West Bengal | Aus. | 2184 | 2194 | 2242 | 2169 | 2132 | 2157 | 3389 | 2216 | 2128 | 3913 | 4105 |
| | Aman | 2431 | 2422 | 2464 | 2401 | 2427 | 2398 | 3789 | 2438 | 2514 | 4244 | 4381 |
| Summer | | 2940 | 3076 | 3089 | 2913 | 3123 | 3136 | 4148 | 2821 | 3252 | 4662 | 5283 |
| | Dadra & Nagar Haveli | 3017 | 2058 | 2275 | 3202 | 3987 | 3115 | 2925 | 2594 | 2624 | 2824 | 2052 |
| Delhi | | 2117 | 2635 | 2956 | 2931 | 2940 | 2940 | 2940 | - | - | 4180 | 4322 |
| Daman & Diu | | 1910 | 1957 | 1561 | 2346 | 2143 | 1356 | 1539 | 1677 | 1700 | 1720 | |
| Puducherry* | I-Kharif | 2757 | 2759 | 2720 | 2872 | 2645 | 2963 | 2675 | 2859 | 2859 | 3020 | 3270 |
| | II-Rabi-I | 1979 | 2609 | 2147 | 1979 | 2688 | 2675 | 2581 | 2227 | 2227 | 2272 | 2603 |
| | III-Rabi-II | 2789 | 2714 | 2731 | 2520 | 3048 | 2669 | 2893 | 2643 | 2643 | 2894 | 3075 |

Source: Consolidated Results of Crop Estimation Survey on Principal Crops Published by NSSO

K/K/S - Kar/Kuruvali/Sornaveri (Early Kharif), S/T/P - Samba/Thalady/Bishanam (Late Kharif),

N/K - Navarai/Kodai (Rabi) * I - Kharif, II - Rabi-I, III - Rabi-II (Summer)

Blank (-) Not available with State Agricultural Statistics Authority (SASA)

Table 4.2.12 : Jowar Yield of High Yielding Varieties in Major States

| State / UTs (1) | Season (2) | (Kg/hectare) | | | | | | | | | |
|--------------------|---------------|--------------|------|------|------|------|------|------|------|------|------|
| | | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Andhra Pradesh | Kharif | - | - | - | - | 1872 | 1269 | - | - | - | - |
| | Rabi | - | - | - | - | 2989 | 7368 | 1176 | 1384 | - | - |
| Chhattisgarh | - | - | - | - | - | - | - | - | - | - | - |
| | Gujarat | 1407 | 1379 | 1424 | - | 1359 | 1403 | 1245 | 1345 | 1341 | - |
| Karnataka | Kharif | 1234 | 1703 | 1813 | 1320 | 1867 | 1503 | 1127 | 1733 | 1674 | 1423 |
| | Rabi | 552 | 711 | 982 | 819 | 1224 | 1111 | 1025 | 1073 | 1045 | 1145 |
| Madhya Pradesh | Summer | - | - | - | - | 2496 | 2395 | 1891 | 2105 | 2016 | 1734 |
| | Maharashtra | 1161 | 1066 | 1158 | 1113 | 1181 | 1208 | 1263 | 1439 | - | - |
| Rajasthan | Kharif | 1335 | 1173 | - | 1209 | 1499 | 1163 | 1127 | - | 1503 | 1347 |
| | Rabi | - | - | - | - | - | - | - | - | - | - |
| Tamil Nadu | | 745 | 523 | 310 | 997 | 883 | - | 469 | - | 1092 | |
| Uttar Pradesh | | 897 | 935 | 1158 | 1456 | 1052 | 1108 | 1398 | 1439 | 1755 | 1018 |

Source: Consolidated Results of Crop Estimation Survey on Principal Crops- Published by NSSO
Blank (-) Not available with State Agricultural Statistics Authority (SASA)

Table 4.2.13 : Bajra: Yield of High Yielding Varieties in Major States

| State / UTs (1) | Season (2) | 2003-04 | | | | | | 2004-05 | | | | | | 2005-06 | | | | | | 2006-07 | | | | | | 2007-08 | | | | | | 2008-09 | | | | | | 2009-10 | | | | | | 2010-11 | | | | | | 2011-12 | | | | | |
|--------------------|---------------|---------|------|------|------|------|------|---------|------|------|------|------|------|---------|------|------|------|------|------|---------|------|------|------|------|------|---------|------|------|------|------|------|---------|------|------|------|------|------|---------|---|---|---|---|---|---------|---|---|---|---|---|---------|---|--|--|--|--|
| | | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) | (17) | (18) | (19) | (20) | (21) | (22) | (23) | (24) | (25) | (26) | (27) | (28) | (29) | (30) | (31) | (32) | (33) | (34) | (35) | (36) | (37) | (38) | | | | | | | | | | | | | | | | | | |
| Andhra Pradesh | - | - | - | - | - | 1734 | 1631 | 959 | 1647 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | |
| Gujarat | Kharif | - | 1043 | 1042 | - | 1137 | 1077 | 867 | 1113 | 1150 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | |
| | Summer | 2084 | 1998 | 2181 | 2266 | 2272 | 2381 | 2271 | 2449 | 2524 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | |
| Haryana | 1701 | 1417 | 1160 | 1674 | 1892 | 1826 | 1652 | 1904 | 1691 | 1993 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | |
| Karnataka | Kharif | 678 | 637 | 965 | 439 | 818 | 721 | 453 | 1004 | 1025 | 1097 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | |
| Madhya Pradesh | 1638 | 1523 | 1828 | 1514 | 1552 | 1390 | 1434 | 1756 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | |
| Maharashtra | 695 | 750 | 650 | 647 | 878 | 767 | 780 | 1113 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | |
| Punjab | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | |
| Rajasthan | 1416 | 858 | 580 | 1064 | 1242 | 1090 | 656 | 1413 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | |
| Tamil Nadu | 1338 | 1620 | 1626 | 2403 | 1977 | 1987 | 1889 | 1680 | 3900 | 1693 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | |
| Uttar Pradesh | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| Delhi | 2473 | 1628 | 1850 | 1750 | 1750 | 1750 | 1750 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | |
| Daman & Diu | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | |

Source: Consolidated Results of Crop Estimation Survey on Principal Crops-Published by NSSO

Blank (-) Not available with State Agricultural Statistics Authority (SASA)

Table 4.2.14 : Maize: Yield of High Yielding Varieties in Major States

| State / UTs | Season | 2003-04 | | | | | | 2009-10 | | | | | | (Kgs. Per Hactare) | | |
|------------------|--------|---------|------|------|------|------|------|---------|------|------|------|----------|------|--------------------|---------|--|
| | | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | 2011-12 | 2012-13 | |
| Andhra Pradesh | Kharif | - | - | - | - | - | 5127 | 3710 | 1910 | 3807 | - | - | - | - | - | |
| | Rabi | - | - | - | - | - | 6167 | 5640 | 6598 | 7341 | - | - | - | - | - | |
| | Bhadai | 1695 | 1909 | 1781 | 1973 | 1297 | 1841 | 2035 | - | 2416 | 3737 | - | - | - | - | |
| Bihar | Rabi | - | - | - | - | - | - | - | - | - | 4565 | 6272 | - | - | - | |
| | Garma | 2709 | 2928 | 2427 | 3367 | 4084 | 3188 | 3134 | - | - | - | - | - | - | - | |
| Chhattisgarh | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Gujarat | 1852 | 913 | 1602 | - | - | 1472 | 1524 | 1051 | 1670 | 1439 | - | - | - | - | - | |
| Haryana | 2409 | 2695 | 2266 | 2360 | 2714 | 2195 | 2224 | 2131 | 3174 | 3004 | - | - | - | - | - | |
| Himachal Pradesh | 3292 | 2763 | 2498 | 3144 | 2883 | 3058 | 2367 | 2728 | - | - | - | - | - | - | - | |
| Jammu & Kashmir | 2020 | 1837 | 1877 | 1877 | 1877 | 1877 | 1877 | 1877 | 1877 | 1877 | 2043 | 1343 | - | - | - | |
| Karnataka | Kharif | 2059 | 3109 | 3113 | 2864 | 3066 | 2883 | 2447 | 3595 | 3182 | 2699 | - | - | - | - | |
| Karnataka | Rabi | 2425 | 3201 | 3659 | 3179 | 3569 | 3173 | 3173 | 2955 | 3115 | 3204 | - | - | - | - | |
| Madhya Pradesh | Summer | - | 3220 | - | 3373 | 3822 | 3312 | 3312 | 3555 | 3683 | 3617 | - | - | - | - | |
| Maharashtra | Kharif | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Maharashtra | Rabi | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Odisha | Autumn | 1892 | 2178 | 1932 | 1927 | 2314 | 2297 | 2401 | 3734 | 2395 | 2552 | - | - | - | - | |
| Odisha | Winter | 1986 | 1979 | 2287 | 2647 | 2738 | 2273 | 1590 | 2118 | - | - | - | - | - | - | |
| Odisha | Summer | 1999 | 2066 | 2216 | 2385 | 2277 | 2547 | 2237 | 2818 | 2912 | 2804 | (Contd.) | - | - | - | |

Table 4.2.14 (*Contd.*)

| State / UTs | Season | 2003-04 | 2004-05 | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 |
|---------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Punjab | | 3385 | 3291 | 2973 | 3469 | 3820 | 3594 | 3751 | - | 4303 | 3770 |
| Rajasthan | Kharif | 2143 | 1099 | 1188 | 1001 | 2136 | 1860 | 962 | - | 1518 | - |
| Tamil Nadu | | - | - | - | - | 4500 | 4387 | 4660 | - | 6144 | 3681 |
| Uttar Pradesh | | - | - | - | - | - | - | - | - | - | - |
| West Bengal | | - | 3039 | 2663 | 2967 | 2549 | 2878 | 2992 | - | 5051 | 6942 |

Source: Consolidated Results of Crop Estimation Survey on Principal Crops- Published by NSSO
 Blank (-) Not available with State Agricultural Statistics Authority (SASA)

4.2.15 : Wheat: Yield of High Yielding Varieties in Major States

| State / UTs | Season | 2003-04 | | | | | | 2004-05 | | | | | | 2005-06 | | | | | | 2006-07 | | | | | | 2007-08 | | | | | | 2008-09 | | | | | | 2009-10 | | | | | | 2010-11 | | | | | |
|------------------|--------|---------|------|------|------|------|------|---------|------|------|------|------|------|---------|------|------|------|------|------|---------|------|------|------|------|------|---------|------|------|------|------|------|---------|------|------|------|------|------|---------|------|------|------|---|---|---------|--|--|--|--|--|
| | | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) | (17) | (18) | (19) | (20) | (21) | (22) | (23) | (24) | (25) | (26) | (27) | (28) | (29) | (30) | (31) | (32) | (33) | (34) | (35) | (36) | | | | | | | | | | | | |
| Assam | | 1049 | 965 | 948 | 977 | 1173 | 1092 | 1164 | 939 | 1033 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | |
| Bihar | | 1860 | 1706 | 1442 | 2069 | 2407 | 2199 | 2157 | - | 3143 | 2864 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | |
| Chhattisgarh | | 1226 | 1092 | 1066 | 1252 | 1267 | 1236 | 1394 | 1394 | 1466 | 1628 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | |
| Gujarat | | 2712 | 2560 | 2832 | 2659 | 3057 | 2396 | 2717 | 3143 | 3032 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | |
| Haryana | | 3975 | 3921 | 3887 | 4247 | 4175 | 4651 | 4215 | 4607 | 5185 | 4464 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | |
| Himachal Pradesh | | 1563 | 2098 | 1153 | 1908 | 1786 | 1124 | 1304 | 1874 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | |
| Jammu & Kashmir | | 2107 | 2175 | 2063 | 2063 | 2063 | 2063 | 2063 | 2063 | 2063 | 2063 | 2063 | 2063 | 2063 | 2063 | 2063 | 2063 | 2063 | 2063 | 2063 | 2063 | 2063 | 2063 | 2063 | 2063 | 2063 | 2063 | 2063 | 2063 | 2063 | 2063 | 2063 | 2063 | 2063 | 2063 | 2063 | 2063 | 2063 | 2063 | 2063 | 2063 | | | | | | | | |
| Jharkhand | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | |
| Karnataka | | 723 | 1575 | 1150 | 1052 | 1243 | 1146 | 1065 | 1316 | 954 | 1014 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | |
| Madhya Pradesh | | 2165 | 2146 | 2014 | 2240 | 2022 | 2209 | 2334 | 2387 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | |
| Maharashtra | | 1201 | 1366 | 1400 | 1520 | 1892 | 1489 | 1641 | 1776 | 1707 | 1527 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | |
| Odisha | Summer | 1471 | 1311 | 1388 | 1488 | 1587 | 1415 | 1415 | 1461 | 1686 | 1902 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | |
| Punjab | | 4203 | 4222 | 4165 | 4209 | 4506 | 4504 | 4307 | - | 5101 | 4743 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | |
| Rajasthan | | 2848 | 2846 | 2825 | 3078 | 2741 | 3184 | 3255 | - | 3506 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | |
| Uttarakhand | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| Uttar Pradesh | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| West Bengal | | 2261 | 2067 | 2058 | 2235 | 2395 | 2188 | 2427 | 2458 | 3966 | 4025 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | |
| Delhi | | 4052 | 3745 | 3845 | 3920 | 3920 | 3920 | 3920 | - | 4348 | 4360 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | |

Source: Consolidated Results of Crop Estimation Survey on Principal Crops-Published by NSSO

Blank (-) Not available with State Agricultural Statistics Authority (SASA)

5

Area, Production and Yield of Horticulture & Plantation Crops

Table 5.1: Area and Production of Horticulture Crops

| Crops | 2010-11 | | | 2011-12 | | | 2012-13 | | | 2013-14 | | | 2014-15 (P) | | |
|-------------------------------|------------|-------------|------------|-------------|-------------|--------------|-------------|-------------|------------|------------|--------------|------------|-------------|------|--|
| | Area | | Production | Area | | Production | Area | | Production | Area | | Production | Area | | Production |
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | |
| Fruits | | | | | | | | | | | | | | | Area in 000' Hectares Production in '000 Tonnes |
| Almond | 23 | 14 | 22 | 4 | 21 | 9 | 21 | 13 | 21 | 21 | 13 | 21 | 17 | | |
| Aonla/Gooseberry | 67 | 677 | 95 | 961 | 108 | 1266 | 104 | 1225 | 94 | 94 | 1176 | | | | |
| Apple | 289 | 2891 | 322 | 2203 | 311 | 1915 | 313 | 2498 | 320 | 320 | 1922 | | | | |
| Banana | 830 | 29780 | 797 | 28455 | 776 | 26509 | 803 | 29725 | 845 | 845 | 28137 | | | | |
| Ber | 22 | 188 | 34 | 252 | 41 | 438 | 48 | 663 | 47 | 47 | 413 | | | | |
| Citrus | | | | | | | | | | | | | | | |
| (i) Lime/Lemon | 219 | 2108 | 234 | 2272 | 255 | 2524 | 286 | 2835 | 273 | 273 | 3068 | | | | |
| (ii) Mandarin (Orange) | 324 | 3255 | 329 | 3128 | 311 | 2906 | 330 | 3431 | 244 | 244 | 3342 | | | | |
| (iii) Sweet Orange(Mosambi) | 157 | 1316 | 162 | 1232 | 323 | 3520 | 335 | 3886 | 276 | 276 | 4406 | | | | |
| (iv) Others | 147 | 784 | 190 | 1290 | 153 | 1140 | 126 | 994 | 130 | 130 | 926 | | | | |
| Citrus Total (i to iv) | 846 | 7464 | 915 | 7922 | 1042 | 10090 | 1078 | 1147 | 923 | 923 | 11742 | | | | |
| Custardapple | 15 | 105 | 19 | 127 | 20 | 136 | 22 | 165 | 24 | 24 | 204 | | | | |
| Grapes | 111 | 1235 | 116 | 2221 | 118 | 2483 | 119 | 2585 | 122 | 122 | 3205 | | | | |
| Guava | 205 | 2462 | 220 | 2510 | 236 | 3198 | 268 | 3668 | 248 | 248 | 3919 | | | | |
| Jackfruit | 36 | 540 | 60 | 1042 | 67 | 1176 | 158 | 1573 | 116 | 116 | 2070 | | | | |
| Kiwi | 0 | 1 | 3 | 6 | 4 | 7 | 5 | 8 | 5 | 5 | 9 | | | | |
| Litchi | 78 | 497 | 80 | 538 | 83 | 580 | 84 | 585 | 90 | 90 | 569 | | | | |
| Mango | 2297 | 15188 | 2378 | 16196 | 2500 | 18002 | 2516 | 18431 | 2218 | 2218 | 18832 | | | | |
| Papaya | 106 | 4196 | 117 | 4457 | 132 | 5382 | 133 | 5639 | 122 | 122 | 4682 | | | | |
| Passion Fruit | - | - | 16 | 97 | 18 | 101 | 19 | 124 | 19 | 19 | 126 | | | | |
| Peach | 18 | 92 | 20 | 91 | 19 | 98 | 18 | 94 | 20 | 20 | 111 | | | | |
| Pear | 41 | 300 | 48 | 294 | 42 | 295 | 42 | 317 | 43 | 43 | 263 | | | | |
| Picanut | 1 | 0 | 2 | 0 | - | - | 1 | 0 | 2 | 2 | 0 | | | | |

(Contd.)

Table 51 (*Contd.*)

| Crops | 2010-11 | | | 2011-12 | | | 2012-13 | | | 2013-14 | | | 2014-15 (P) | | | | | | | | | | | | | | | | | |
|---------------------|-------------|--------------|-----|-------------|--------------|-----|-------------|--------------|-----|-------------|--------------|-----|-------------|--------------|-----|------|------------|-----|------|------------|-----|------|------------|-----|------|------------|------|------|------------|------|
| | Area | Production | (2) | Area | Production | (3) | Area | Production | (4) | Area | Production | (5) | Area | Production | (6) | Area | Production | (7) | Area | Production | (8) | Area | Production | (9) | Area | Production | (10) | Area | Production | (11) |
| Pineapple | 89 | 1415 | | 102 | 1500 | | 105 | 1571 | | 110 | 1737 | | 114 | 1913 | | | | | | | | | | | | | | | | |
| Plum | 14 | 32 | | 26 | 72 | | 24 | 74 | | 23 | 76 | | 24 | 71 | | | | | | | | | | | | | | | | |
| Pomegranate | 107 | 743 | | 112 | 772 | | 113 | 745 | | 131 | 1346 | | 194 | 2095 | | | | | | | | | | | | | | | | |
| Sapota | 160 | 1424 | | 163 | 1420 | | 164 | 1495 | | 177 | 1744 | | 111 | 1290 | | | | | | | | | | | | | | | | |
| Strawberry | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Walnut | 114 | 187 | | 150 | 284 | | 123 | 233 | | 122 | 241 | | 125 | 205 | | | | | | | | | | | | | | | | |
| Others | 912 | 5446 | | 889 | 4991 | | 915 | 5482 | | 901 | 5372 | | 395 | 3306 | | | | | | | | | | | | | | | | |
| Total Fruits | 6383 | 74878 | | 6705 | 76424 | | 6982 | 81285 | | 7216 | 88977 | | 6242 | 86283 | | | | | | | | | | | | | | | | |
| Vegetables | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beans | 100 | 888 | | 118 | 1151 | | 124 | 1269 | | 138 | 1370 | | 134 | 1211 | | | | | | | | | | | | | | | | |
| Bitterguard | 68 | 749 | | 77 | 866 | | 83 | 940 | | 79 | 807 | | 83 | 842 | | | | | | | | | | | | | | | | |
| Buttergourd | 75 | 1354 | | 105 | 1984 | | 114 | 2090 | | 103 | 1819 | | 141 | 2268 | | | | | | | | | | | | | | | | |
| Brinjal | 680 | 11896 | | 892 | 12634 | | 722 | 13444 | | 711 | 13558 | | 679 | 12439 | | | | | | | | | | | | | | | | |
| Cabbage | 369 | 7949 | | 390 | 8412 | | 372 | 8534 | | 400 | 9039 | | 380 | 8795 | | | | | | | | | | | | | | | | |
| Capsicum | 6 | 65 | | 10 | 127 | | 29 | 153 | | 30 | 167 | | 33 | 188 | | | | | | | | | | | | | | | | |
| Carrot | 56 | 953 | | 62 | 1153 | | 64 | 1145 | | 62 | 1074 | | 72 | 1132 | | | | | | | | | | | | | | | | |
| Cauliflower | 369 | 6745 | | 391 | 7349 | | 402 | 7887 | | 434 | 8573 | | 414 | 8026 | | | | | | | | | | | | | | | | |
| Cucumber | 35 | 525 | | 40 | 607 | | 41 | 641 | | 43 | 678 | | 58 | 858 | | | | | | | | | | | | | | | | |
| Chillies (Green) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Elephant Foot Yam | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Muskmelon | 40 | 740 | | 38 | 791 | | 42 | 868 | | 37 | 761 | | 46 | 879 | | | | | | | | | | | | | | | | |
| Mushroom | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Okra | 498 | 5784 | | 518 | 6259 | | 531 | 6350 | | 533 | 6346 | | 493 | 5552 | | | | | | | | | | | | | | | | |
| Onion | 1064 | 15118 | | 1087 | 17511 | | 1052 | 16813 | | 1204 | 19402 | | 1150 | 18736 | | | | | | | | | | | | | | | | |

(Contd.)

Table 5.1 (*Contd.*)

| Crops | 2010-11 | | 2011-12 | | 2012-13 | | 2013-14 | | 2014-15 (P) | |
|-------------------------|-------------|---------------|-------------|---------------|-------------|---------------|-------------|---------------|-------------|---------------|
| | Area | Production |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| Parmal (pointed gourd) | 0 | 0 | | | | | 13 | 169 | 15 | 302 |
| Peas | 370 | 3517 | 408 | 3745 | 421 | 4006 | 434 | 3869 | 467 | 4476 |
| Potato | 1863 | 42339 | 1907 | 41483 | 1992 | 45344 | 1973 | 41555 | 2069 | 45951 |
| Radish | 133 | 1878 | 160 | 2886 | 170 | 2411 | 173 | 2485 | 185 | 2640 |
| Sitaphal/Pumpkin | 5 | 143 | 11 | 278 | 16 | 373 | 20 | 416 | 52 | 1135 |
| Sweet Potato | 113 | 1047 | 110 | 1073 | 112 | 1132 | 106 | 1088 | 111 | 1336 |
| Tapioca | 221 | 8076 | 227 | 8747 | 207 | 7237 | 228 | 8139 | 213 | 5715 |
| Tomato | 865 | 16826 | 907 | 18653 | 880 | 18227 | 882 | 18736 | 894 | 19167 |
| Watermelon | 67 | 1436 | 71 | 1727 | 81 | 1789 | 75 | 1810 | 89 | 2145 |
| Others | 1496 | 18526 | 1661 | 19487 | 1751 | 21535 | 1574 | 19108 | 1532 | 20932 |
| Total Vegetables | 9190 | 156323 | 8989 | 156325 | 9205 | 162187 | 9396 | 162897 | 9494 | 167058 |
| Aromatic | 510 | 605 | 506 | 566 | 557 | 918 | 493 | 895 | 508 | 831 |
| Flowers Cut* | 69027 | | 75066 | | 76732 | | 543 | | 477 | |
| Flowers Loose | 191 | 1031 | 254 | 1652 | 233 | 1729 | 255 | 1754 | 246 | 1641 |
| Total Flowers | 191 | 1031 | 254 | 1652 | 233 | 1729 | 255 | 2297 | 246 | 2118 |
| Honey | | | | | | | 76 | | 76 | |
| Plantation Crops | | | | | | | | | | |
| Areca nut | 400 | 478 | 464 | 681 | 446 | 609 | 452 | 622 | 455 | 732 |
| Cashewnut | 953 | 675 | 979 | 725 | 992 | 753 | 1011 | 753 | 1029 | 742 |
| Cocoa | 57 | 14 | 63 | 13 | 66 | 13 | 71 | 15 | 78 | 16 |
| Coconut | 1896 | 10840 | 2071 | 14940 | 2137 | 15609 | 2140 | 14911 | 1976 | 14154 |
| Total Plantation | 3306 | 12007 | 3577 | 16359 | 3641 | 16985 | 3675 | 16301 | 3538 | 15644 |
| Spices | | | | | | | | | | |
| Ajwan | 26 | 22 | 35 | 27 | 35 | 27 | 27 | 19 | 27 | 18 |
| Cardamom | 87 | 16 | 89 | 16 | 92 | 18 | 93 | 21 | 92 | 22 |

(Contd.)

Table 51 (*Contd.*)

| Crops | 2010-11 | | | 2011-12 | | | 2012-13 | | | 2013-14 | | | 2014-15 (P) | | | | |
|----------------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|------------|-----|-------------|------------|------|------|------------|
| | Area | Production | (2) | Area | Production | (4) | Area | Production | (6) | Area | Production | (8) | Area | Production | (10) | Area | Production |
| Chillies (Dried) | 792 | 1223 | 805 | 1276 | 794 | 1304 | 775 | 1492 | 744 | 1453 | | | | | | | |
| Cinnamon/Tejpata | 3 | 5 | 3 | 5 | 5 | 5 | 3 | 5 | 3 | 5 | 5 | 3 | 3 | 3 | 3 | 3 | 5 |
| Celery, Dill & Poppy | 38 | 40 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 24 | 24 | 21 | 21 | |
| Clove | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | |
| Coriander | 530 | 482 | 558 | 533 | 543 | 524 | 447 | 314 | 470 | 344 | | | | | | | |
| Cumin | 508 | 314 | 594 | 394 | 594 | 394 | 859 | 514 | 944 | 599 | | | | | | | |
| E.Greek | 81 | 118 | 94 | 116 | 93 | 113 | 66 | 90 | 66 | 66 | | | | | | | |
| Fennel | 62 | 105 | 100 | 143 | 100 | 143 | 54 | 54 | 70 | 39 | | | | | | | |
| Garlic | 201 | 1058 | 242 | 1228 | 248 | 1259 | 231 | 1252 | 244 | 1292 | | | | | | | |
| Ginger | 149 | 702 | 155 | 756 | 136 | 683 | 133 | 655 | 138 | 704 | | | | | | | |
| Nutmeg | 16 | 11 | 17 | 13 | 17 | 13 | 19 | 13 | 13 | 20 | | | | | | | |
| Pepper | 184 | 52 | 200 | 41 | 125 | 53 | 124 | 51 | 124 | 55 | | | | | | | |
| Vanilla | 7 | 1 | 7 | 1 | 7 | 1 | 7 | 1 | 7 | 1 | | | | | | | |
| Tamarind | 60 | 206 | 58 | 203 | 58 | 202 | 59 | 188 | 57 | 209 | | | | | | | |
| Turneric | 195 | 993 | 219 | 1167 | 194 | 971 | 233 | 1190 | 189 | 852 | | | | | | | |
| Total Spices | 2940 | 5350 | 3212 | 5951 | 3076 | 5744 | 3163 | 5908 | 3188 | 5732 | | | | | | | |
| Total | 21824 | 240426 | 23242 | 257277 | 23694 | 268848 | 24198 | 277352 | 23216 | 277743 | | | | | | | |

Source : Department of Agriculture, Cooperation & Farmers Welfare (Horticulture Division).
Figure of Production under Grand Total does not include Production of Cut-Flowers upto 2012-13

Table 5.2: Statewise Area and Production of various Horticultural Crops during the Year 2014-15 (3rd Advance Estimate)

| State/ Ut's | Fruits | | | | | | Vegetables | | | | | | Aromatic | | | | | | Spices | | | | | | Plantation | | | | | | Honey | | | | | | Area in '000 Ha Production in '000 MT |
|-------------------|--------|---------|--------|----------|-------|--------|------------|------|--------|---------|--------|--------|----------|---------|----------|----------|--------|---------|--------|------|------|------|-------|------|------------|------|-------|------|------|--------|--------|---------|------|--|--|--|--|
| | Area | | Prod. | | Area | | Prod. | | Area | | Prod. | | Area | | Prod. | | Area | | Prod. | | Area | | Prod. | | Area | | Prod. | | Area | | Prod. | | | | | | |
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) | (17) | (18) | (19) | (20) | (21) | (22) | (23) | (24) | (25) | (26) | (27) | (28) | (29) | (30) | (31) | (32) | (33) | | | | |
| Andaman & Nicobar | 3.68 | 31.60 | 6.72 | 50.87 | 0.18 | 0.00 | | | | | 1.68 | 3.22 | 27.27 | 95.52 | | | | | | | | | | | | | | | | | 39.53 | 181.40 | | | | | |
| Andhra Pradesh | 547.85 | 9124.22 | 354.86 | 6445.60 | 14.39 | 103.32 | 21.21 | 0.45 | 1.19 | 169.36 | 775.82 | 315.42 | 1200.96 | 1.50 | 1402.33 | 17673.82 | | | | | | | | | | | | | | | | | | | | | |
| Arunachal Pradesh | 90.00 | 331.40 | 1.70 | 41.00 | 0.02 | 0.01 | 1.86 | 5.15 | 109.18 | 10.17 | 64.27 | 0.00 | 0.00 | 0.00 | 0.00 | 107.04 | 547.72 | | | | | | | | | | | | | | | | | | | | |
| Assam | 155.51 | 2242.74 | 296.23 | 4752.13 | 3.53 | 22.80 | 33.04 | 4.99 | 0.16 | 93.08 | 279.14 | 98.76 | 238.06 | | | | | | | | | | | | | | | | | | 652.10 | 7568.07 | | | | | |
| Bihar | 303.79 | 4000.40 | 842.00 | 14467.15 | 1.43 | 13.68 | 2.76 | 4.00 | 0.69 | 13.01 | 12.54 | 14.90 | 97.30 | 6.50 | 1179.12 | 18601.02 | | | | | | | | | | | | | | | | | | | | | |
| Chhattisgarh | 221.59 | 2113.36 | 418.63 | 5739.51 | 10.96 | 50.03 | 0.00 | 7.95 | 55.19 | 11.69 | 11.65 | 15.41 | 27.67 | 0.50 | 686.23 | 7997.91 | | | | | | | | | | | | | | | | | | | | | |
| D & N Haveli | 0.00 | 0.00 | 1.10 | 5.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.10 | 5.50 | | | | | | | |
| Daman & Diu | 0.01 | 0.29 | 0.07 | 3.65 | 0.00 | 0.03 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 13.60 | | | | | | |
| Delhi | 0.08 | 0.60 | 22.84 | 391.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 22.92 | 392.50 | | | | | | |
| Goa | 11.46 | 83.10 | 7.19 | 82.00 | 0.01 | 0.03 | 0.12 | 0.12 | 0.91 | 0.28 | 85.70 | 122.80 | | | | | | | | | | | | | | | | | | 105.26 | 288.33 | | | | | | |
| Gujarat | 370.76 | 8001.96 | 578.35 | 11543.20 | 17.30 | 163.60 | 0.00 | 0.00 | 608.86 | 1019.96 | 39.60 | 227.57 | 0.10 | 1614.87 | 20956.48 | | | | | | | | | | | | | | | | | | | | | | |
| Haryana | 51.39 | 596.15 | 368.42 | 5291.52 | 6.07 | 62.85 | 4.92 | 0.55 | 1.23 | 16.13 | 82.82 | 0.00 | 0.00 | 0.00 | 0.00 | 4.00 | 442.56 | 6043.49 | | | | | | | | | | | | | | | | | | | |
| Himachal Pradesh | 220.71 | 751.94 | 83.75 | 1585.37 | 0.80 | 27.21 | 11.55 | 1.11 | 0.90 | 8.43 | 14.16 | 0.00 | 0.00 | 0.00 | 0.00 | 5.00 | 314.80 | 2396.12 | | | | | | | | | | | | | | | | | | | |
| Jammu & Kashmir | 352.38 | 1542.68 | 63.06 | 1395.47 | 0.46 | 0.35 | 0.00 | 0.00 | 4.94 | 1.07 | 0.00 | 0.00 | 2.50 | 420.84 | 2942.06 | | | | | | | | | | | | | | | | | | | | | | |
| Jharkhand | 94.14 | 898.08 | 316.67 | 4279.28 | 1.60 | 22.03 | 52.81 | 0.00 | 0.00 | 0.00 | 14.83 | 4.50 | 1.20 | 427.24 | 5257.89 | | | | | | | | | | | | | | | | | | | | | | |
| Karnataka | 407.27 | 6941.88 | 462.86 | 8564.77 | 30.90 | 220.00 | 70.77 | 3.38 | 24.84 | 195.39 | 333.26 | 870.65 | 4070.80 | 2.00 | 1970.44 | 20228.32 | | | | | | | | | | | | | | | | | | | | | |
| Kerala | 240.58 | 2313.20 | 115.43 | 2882.51 | 13.37 | 0.05 | 32.86 | 0.01 | 0.00 | 167.62 | 144.77 | 850.42 | 3575.35 | 2.00 | 1387.44 | 8950.75 | | | | | | | | | | | | | | | | | | | | | |
| Lakshadweep | 0.44 | 0.43 | 0.31 | 0.65 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 2.57 | 48.80 | | | | | | | | | | | | | | | | | | 3.33 | 49.88 | | | | | | |

(Contd.)

Table 5.2 (Contd.)

| State/Uts | Fruits | | Vegetables | | Flowers | | Aromatic | | Spices | | Plantation | | Honey | Total | |
|----------------|----------------|-----------------|----------------|------------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|----------------|-----------------|--------------|------------------|
| | Area | Prod. | Area | Prod. | Area | Production | Area | Prod. | Area | Prod. | Area | Prod. | Prod. | Prod. | (17) |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) |
| Madhya Pradesh | 219.96 | 6093.00 | 677.60 | 14315.41 | 17.75 | 206.00 | 0.00 | 65.62 | 414.00 | 284.91 | 454.17 | 0.00 | 0.00 | 1.50 | 1265.83 |
| Maharashtra | 645.47 | 10540.17 | 580.54 | 8136.26 | 7.25 | 38.53 | 0.00 | 0.30 | 0.09 | 120.76 | 109.04 | 216.50 | 367.58 | 1.00 | 1570.82 |
| Manipur | 55.63 | 533.60 | 27.77 | 297.73 | 0.81 | 0.30 | 0.00 | 10.47 | 24.14 | 0.90 | 0.15 | 95.57 | 855.92 | | |
| Meghalaya | 36.33 | 377.25 | 44.60 | 534.00 | 0.06 | 0.00 | 2.61 | 17.50 | 83.88 | 25.61 | 29.18 | 124.40 | 1026.91 | | |
| Mizoram | 60.27 | 350.91 | 44.03 | 273.76 | 0.20 | 181.54 | 1.83 | 1.10 | 0.95 | 23.30 | 65.72 | 10.78 | 7.38 | 139.68 | 882.10 |
| Nagaland | 40.56 | 411.00 | 38.55 | 492.37 | 0.01 | 0.00 | 0.00 | 9.77 | 39.16 | 2.17 | 11.55 | 91.06 | 954.08 | | |
| Odisha | 327.28 | 2156.82 | 668.81 | 9425.13 | 7.50 | 25.86 | 57.16 | 1.90 | 0.60 | 123.32 | 181.50 | 231.09 | 309.13 | 0.75 | 12156.95 |
| Puducherry | 0.68 | 15.91 | 1.46 | 43.74 | 0.18 | 1.49 | 0.00 | 0.09 | 0.38 | 6.94 | 18.15 | | | 9.35 | 79.66 |
| Punjab | 78.70 | 1742.97 | 197.14 | 4066.17 | 1.37 | 10.65 | 0.00 | 15.10 | 2.90 | 21.34 | 91.52 | 0.00 | 0.00 | 14.00 | 313.65 |
| Rajasthan | 39.27 | 636.98 | 163.83 | 1270.06 | 2.71 | 2.91 | 0.00 | 249.07 | 128.86 | 828.00 | 629.54 | 0.00 | 0.00 | 1.80 | 1282.88 |
| Sikkim | 17.38 | 19.68 | 26.10 | 134.41 | 0.24 | 16.50 | 1.92 | 33.76 | 60.75 | 0.00 | 0.00 | 77.48 | 233.26 | | |
| Tamilnadu | 298.33 | 5398.15 | 238.23 | 5682.83 | 55.03 | 343.65 | 12.87 | 13.45 | 76.67 | 106.38 | 187.33 | 638.55 | 4842.62 | 1.50 | 1349.97 |
| Telangana | 385.44 | 5498.96 | 184.46 | 3042.33 | 7.84 | 22.39 | 6.01 | 134.18 | 551.47 | 1.69 | 17.40 | 713.60 | 9138.56 | | |
| Tripura | 71.90 | 805.77 | 48.14 | 806.41 | 0.00 | 0.00 | 0.00 | 5.69 | 18.04 | 15.88 | 31.97 | 144.61 | 1662.19 | | |
| Uttar Pradesh | 462.98 | 8652.20 | 1134.01 | 23575.61 | 17.21 | 34.32 | 0.05 | 133.70 | 13.40 | 61.66 | 244.02 | 0.00 | 0.00 | 12.50 | 1899.55 |
| Uttarakhand | 202.27 | 761.96 | 91.01 | 1085.50 | 1.63 | 2.09 | 14.69 | 8.09 | 41.08 | 0.00 | 0.00 | 1.80 | 302.99 | 1907.12 | |
| West Bengal | 228.25 | 3313.70 | 1387.20 | 26354.61 | 25.32 | 68.15 | 148.03 | 97.56 | 207.72 | 52.16 | 290.34 | 15.00 | 1790.49 | 30397.54 | |
| Total | 6242.29 | 86283.02 | 9493.66 | 167058.50 | 246.13 | 1640.55 | 477.07 | 507.84 | 830.85 | 3188.05 | 5732.42 | 3537.79 | 15644.42 | 76.15 | 23215.76 |
| | | | | | | | | | | | | | | | 277742.98 |

Source : Department of Agriculture, Cooperation & Farmers Welfare (Horticulture Division).

P(cut) = Production in (lakh Nos.)

Figure of Production under 'Total' does not include Production of Cut-Flowers Fruits, Vegetables, Flowers, Aromatic/Medicinal Plants - State Directorates of Horticulture Plantation Crops:- Coconut (CDB), Arecaut (Directorate Arecaut & Spice Dev), Cashew & Cocoa (Directorate of Cashew & Cocoa Development) and State Directorate of Horticulture. Spices .Directorate of Arecaut & Spices Development

Table 5.3 (a): Potato: All-India Area, Production and Yield

| Year | Area | Production | Yield |
|---------|------|------------|-------|
| (1) | (2) | (3) | (4) |
| 1950-51 | 0.24 | 1.66 | 6917 |
| 1951-52 | 0.25 | 1.71 | 6848 |
| 1952-53 | 0.26 | 1.99 | 7812 |
| 1953-54 | 0.26 | 1.96 | 7611 |
| 1954-55 | 0.27 | 1.76 | 6632 |
| 1955-56 | 0.28 | 1.86 | 6639 |
| 1956-57 | 0.29 | 1.72 | 6028 |
| 1957-58 | 0.32 | 2.00 | 6243 |
| 1958-59 | 0.34 | 2.35 | 6947 |
| 1959-60 | 0.36 | 2.73 | 7550 |
| 1960-61 | 0.38 | 2.72 | 7251 |
| 1961-62 | 0.37 | 2.45 | 6704 |
| 1962-63 | 0.41 | 3.37 | 8152 |
| 1963-64 | 0.42 | 2.59 | 6249 |
| 1964-65 | 0.43 | 3.61 | 8395 |
| 1965-66 | 0.48 | 4.08 | 8513 |
| 1966-67 | 0.47 | 3.52 | 7440 |
| 1967-68 | 0.50 | 4.23 | 8441 |
| 1968-69 | 0.52 | 4.73 | 9011 |
| 1969-70 | 0.50 | 3.91 | 7888 |
| 1970-71 | 0.48 | 4.81 | 9976 |
| 1971-72 | 0.49 | 4.83 | 9810 |
| 1972-73 | 0.51 | 4.45 | 8821 |
| 1973-74 | 0.54 | 4.86 | 8946 |
| 1974-75 | 0.59 | 6.23 | 10598 |
| 1975-76 | 0.62 | 7.31 | 11738 |
| 1976-77 | 0.62 | 7.17 | 11573 |
| 1977-78 | 0.67 | 8.14 | 12228 |
| 1978-79 | 0.81 | 10.13 | 12555 |
| 1979-80 | 0.69 | 8.33 | 12152 |
| 1980-81 | 0.73 | 9.67 | 13258 |
| 1981-82 | 0.76 | 9.91 | 12996 |
| 1982-83 | 0.74 | 9.96 | 13549 |
| 1983-84 | 0.79 | 12.15 | 15299 |
| 1984-85 | 0.85 | 12.57 | 14806 |
| 1985-86 | 0.84 | 10.42 | 12364 |

(Contd.)

Table 5.3(a) (*Contd.*)

| Year | Area | Production | Yield |
|-------------------------|------|------------|-------|
| (1) | (2) | (3) | (4) |
| 1986-87 | 0.83 | 12.74 | 15322 |
| 1987-88 | 0.89 | 14.05 | 15869 |
| 1988-89 | 0.93 | 14.86 | 15929 |
| 1989-90 | 0.94 | 14.77 | 15714 |
| 1990-91 | 0.94 | 15.21 | 16254 |
| 1991-92 | 1.03 | 16.39 | 15904 |
| 1992-93 | 1.05 | 15.23 | 14458 |
| 1993-94 | 1.05 | 17.39 | 16610 |
| 1994-95 | 1.07 | 17.40 | 16262 |
| 1995-96 | 1.11 | 18.84 | 16973 |
| 1996-97 | 1.25 | 24.22 | 19376 |
| 1997-98 | 1.21 | 17.65 | 14587 |
| 1998-99 | 1.32 | 23.61 | 17886 |
| 1999-00 | 1.34 | 24.71 | 18443 |
| 2000-01 | 1.22 | 22.49 | 18404 |
| 2001-02 | 1.21 | 23.92 | 19806 |
| 2002-03 | 1.35 | 23.27 | 17300 |
| 2003-04 | 1.29 | 23.06 | 17887 |
| 2004-05 | 1.32 | 23.63 | 17923 |
| 2005-06 | 1.40 | 23.91 | 17058 |
| 2006-07 | 1.48 | 22.18 | 14943 |
| 2007-08 | 1.55 | 28.47 | 18331 |
| 2008-09 | 1.83 | 34.39 | 18810 |
| 2009-10 | 1.84 | 36.58 | 19951 |
| 2010-11 | 1.86 | 42.34 | 22724 |
| 2011-12 | 1.91 | 41.48 | 21753 |
| 2012-13 | 1.99 | 45.34 | 22760 |
| 2013-14 | 1.97 | 41.56 | 21060 |
| 2014-15 (3rd Adv. Est.) | 2.07 | 45.95 | 22210 |

Source : Department of Agriculture, Cooperation & Farmers Welfare (Horticulture Division).

Table 5.3 (b) : Potato: Area, Production and Yield in Major Producing States

| State/UTs | 2013-14 | | | | | | 2014-15 (P) | | | | | |
|------------------|----------------|--------------------------|-------------------|--------------------------|--------------|----------------|--------------------------|-------------------|---------------------------|---------------|--|--|
| | Area (1) | % to All India (2) | Production (3) | % to All India (4) | Yield (5) | Area (7) | % to All India (8) | Production (9) | % to All India (10) | Yield (11) | | |
| Uttar Pradesh | 564.25 | 28.60 | 13808.76 | 33.23 | 24473 | 604.30 | 29.21 | 13137.54 | 28.59 | 21740 | | |
| West Bengal | 412.25 | 20.89 | 9030.00 | 21.73 | 21904 | 412.20 | 19.92 | 12027.00 | 26.17 | 29178 | | |
| Bihar | 318.5 | 16.14 | 6536.00 | 15.73 | 20524 | 318.99 | 15.42 | 6345.56 | 13.81 | 19893 | | |
| Madhya Pradesh | 110.00 | 5.57 | 2322.40 | 5.59 | 21113 | 136.01 | 6.57 | 3048.00 | 6.63 | 22410 | | |
| Gujarat | 73.64 | 3.73 | 2267.38 | 5.46 | 30790 | 98.20 | 4.75 | 2964.10 | 6.45 | 30184 | | |
| Punjab | 87.24 | 4.42 | 2189.16 | 5.27 | 25092 | 89.25 | 4.31 | 2243.52 | 4.88 | 25137 | | |
| Assam | 97.96 | 4.96 | 700.14 | 1.68 | 7148 | 99.18 | 4.79 | 1706.04 | 3.71 | 17202 | | |
| Jharkhand | 49.06 | 2.49 | 653.12 | 1.57 | 13314 | 49.55 | 2.39 | 659.65 | 1.44 | 13314 | | |
| Haryana | 29.97 | 1.52 | 696.51 | 1.68 | 23240 | 30.13 | 1.46 | 658.44 | 1.43 | 21853 | | |
| Karnataka | 40.71 | 2.06 | 539.70 | 1.30 | 13257 | 43.4 | 2.10 | 565.34 | 1.23 | 13026 | | |
| Chhattisgarh | 37.89 | 1.92 | 556.40 | 1.34 | 14685 | 38.49 | 1.86 | 542.77 | 1.18 | 14102 | | |
| Others | 151.77 | 7.69 | 2255.81 | 5.43 | 14863 | 149.25 | 7.21 | 2052.9 | 4.47 | 13755 | | |
| All India | 1973.19 | 100.00 | 41555.38 | 100.00 | 21060 | 2068.95 | 100.00 | 45950.85 | 100.00 | 22210 | | |

Source : Department of Agriculture, Cooperation & Farmers Welfare (Horticulture Division).

Note: States have been arranged in descending order of percentage share of production during 2014-15.

Table 5.4 (a): Onion: All-India Area, Production and Yield

Area - Million Hectares
Production - Million Tonnes
Yield - Kg./Hectare

| Year | Area | Production | Yield |
|------------------------|------|------------|-------|
| (1) | (2) | (3) | (4) |
| 1978-79 | 0.21 | 2.20 | 10403 |
| 1979-80 | 0.24 | 2.50 | 10232 |
| 1980-81 | 0.25 | 2.50 | 9961 |
| 1981-82 | 0.25 | 2.65 | 10562 |
| 1982-83 | 0.24 | 2.43 | 10330 |
| 1983-84 | 0.27 | 2.70 | 9982 |
| 1984-85 | 0.28 | 3.10 | 11139 |
| 1985-86 | 0.28 | 2.86 | 10202 |
| 1986-87 | 0.26 | 2.53 | 9659 |
| 1987-88 | 0.27 | 2.70 | 9857 |
| 1988-89 | 0.32 | 3.35 | 10620 |
| 1989-90 | 0.30 | 3.07 | 10176 |
| 1990-91 | 0.30 | 3.23 | 10686 |
| 1991-92 | 0.32 | 3.58 | 11088 |
| 1992-93 | 0.32 | 3.49 | 10791 |
| 1993-94 | 0.37 | 4.01 | 10902 |
| 1994-95 | 0.38 | 4.04 | 10661 |
| 1995-96 | 0.40 | 4.08 | 10316 |
| 1996-97 | 0.40 | 4.18 | 10348 |
| 1997-98 | 0.40 | 3.62 | 9091 |
| 1998-99 | 0.47 | 5.33 | 11391 |
| 1999-00 | 0.49 | 4.90 | 9932 |
| 2000-01 | 0.42 | 4.55 | 10786 |
| 2001-02 | 0.45 | 4.83 | 10686 |
| 2002-03 | 0.42 | 4.21 | 9912 |
| 2003-04 | 0.50 | 5.92 | 11784 |
| 2004-05 | 0.55 | 6.43 | 11718 |
| 2005-06 | 0.66 | 8.68 | 13118 |
| 2006-07 | 0.70 | 8.89 | 12655 |
| 2007-08 | 0.70 | 9.14 | 12974 |
| 2008-09 | 0.83 | 13.48 | 16260 |
| 2009-10 | 0.76 | 12.16 | 16079 |
| 2010-11 | 1.06 | 15.12 | 14210 |
| 2011-12 | 1.09 | 17.51 | 16109 |
| 2012-13 | 1.05 | 16.81 | 15989 |
| 2013-14 | 1.20 | 19.40 | 16120 |
| 2014-15 (3rd Adv.Est.) | 1.15 | 18.74 | 16295 |

Source : Department of Agriculture, Cooperation & Farmers Welfare (Horticulture Division).

Table 54 (b): Onion: Area, Production and Yield in major producing States

| State | 2013-14 | | | | | | 2014-15 (P) | | | | | |
|------------------|----------------|----------------------------|-------------------|----------------------------|--------------|----------------|----------------------------|-------------------|-----------------------------|---------------|--|--|
| | Area (1) | % to All - India (2) | Production (3) | % to All - India (4) | Yield (5) | Area (7) | % to All - India (8) | Production (9) | % to All - India (10) | Yield (11) | | |
| Maharashtra | 468.00 | 38.9 | 5864.04 | 30.2 | 12530 | 427.93 | 37.2 | 5361.96 | 28.6 | 12530 | | |
| Karnataka | 136.57 | 11.3 | 2065.16 | 10.6 | 15122 | 164.73 | 14.3 | 2985.75 | 15.9 | 18125 | | |
| Madhya Pradesh | 117.31 | 9.7 | 2826.02 | 14.6 | 24090 | 123.18 | 10.7 | 2967.41 | 15.8 | 24090 | | |
| Bihar | 54.32 | 4.5 | 1304.16 | 6.7 | 24009 | 54.30 | 4.7 | 1247.31 | 6.7 | 22972 | | |
| Gujarat | 72.79 | 6.0 | 1851.22 | 9.5 | 25432 | 44.30 | 3.9 | 1126.55 | 6.0 | 25430 | | |
| Rajasthan | 57.46 | 4.8 | 704.96 | 3.6 | 12269 | 62.56 | 5.4 | 800.07 | 4.3 | 12789 | | |
| Haryana | 30.16 | 2.5 | 672.17 | 3.5 | 22287 | 28.69 | 2.5 | 667.12 | 3.6 | 23253 | | |
| Andhra Pradesh | 55.81 | 4.6 | 1004.55 | 5.2 | 18000 | 38.37 | 3.3 | 575.58 | 3.1 | 15000 | | |
| Uttar Pradesh | 24.27 | 2.0 | 409.96 | 2.1 | 16895 | 24.46 | 2.1 | 413.42 | 2.2 | 16905 | | |
| Odisha | 35.81 | 3.0 | 432.05 | 2.2 | 12065 | 33.19 | 2.9 | 395.96 | 2.1 | 11930 | | |
| Tamil Nadu | 39.97 | 3.3 | 472.69 | 2.4 | 11826 | 29.84 | 2.6 | 289.45 | 1.5 | 9700 | | |
| Others | 111.14 | 9.2 | 1794.72 | 9.3 | 16148 | 118.3 | 10.3 | 1905.88 | 10.2 | 16111 | | |
| All India | 1203.60 | 100.0 | 19401.70 | 100.0 | 16120 | 1149.84 | 100.0 | 18736.46 | 100.0 | 16295 | | |

Source : Department of Agriculture, Cooperation & Farmers Welfare (Horticulture Division).

Note: States have been arranged in descending order of percentage share of production during 2014-15.

Table 5.5 (a): Coconut: All-India Area, Production and Yield

Area - '000 Hectares

Production - '000 Tonnes

Yield - Kg./ Hectare

| Year | Area | Production | Yield |
|-----------------------|-------------|-------------------|--------------|
| (1) | (2) | (3) | (4) |
| 1991-92 | 1529 | 10080 | 6593 |
| 2001-02 | 1893 | 12822 | 6773 |
| 2002-03 | 1893 | 12822 | 6773 |
| 2003-04 | 1934 | 12178 | 6297 |
| 2004-05 | 1935 | 8829 | 4563 |
| 2005-06 | 2029 | 14809 | 7299 |
| 2006-07 | 1940 | 15831 | 8160 |
| 2007-08 | 1903 | 14748 | 7750 |
| 2008-09 | 1903 | 14748 | 7750 |
| 2009-10 | 1895 | 15730 | 8301 |
| 2010-11 | 1896 | 10840 | 5717 |
| 2011-12 | 2071 | 14940 | 7214 |
| 2012-13 | 2137 | 15609 | 7304 |
| 2013-14 | 2140 | 14911 | 6966 |
| 2014-15 (Provisional) | 1976 | 14154 | 7164 |

Source: Department of Agriculture, Cooperation & Farmers Welfare (Horticulture Division).

Table 5.5(b): Coconut: Area and Production in major Producing States

Area- 000' Hectares
Production-000MT
Yield- Kg/Hectare

| State/UTs | 2013-14 | | | | | 2014-15 (P) | | | | |
|----------------|----------------|----------------|-----------------|----------------|-------------|----------------|----------------|-----------------|----------------|-------------|
| | Area | % to All India | Production | % to All India | Yield | Area | % to All India | Production | % to All India | Yield |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| Tamil Nadu | 465.11 | 21.7 | 4760.67 | 31.9 | 10236 | 465.11 | 23.54 | 4760.67 | 33.63 | 10236 |
| Karnataka | 517.29 | 24.2 | 3469.48 | 23.3 | 6707 | 515.03 | 26.07 | 3558.30 | 25.00 | 6870 |
| Kerala | 797.21 | 37.2 | 4107.37 | 27.5 | 5152 | 649.85 | 32.89 | 3370.00 | 23.81 | 5186 |
| Andhra Pradesh | 121.92 | 5.7 | 1258.40 | 8.4 | 10322 | 106.01 | 5.37 | 1094.40 | 7.73 | 10324 |
| West Bengal | 29.30 | 1.4 | 255.22 | 1.7 | 8711 | 29.41 | 1.49 | 256.18 | 1.81 | 8711 |
| Odisha | 50.78 | 2.4 | 223.63 | 1.5 | 4040 | 50.68 | 2.57 | 223.63 | 1.58 | 4413 |
| Gujarat | 31.63 | 1.5 | 203.05 | 1.4 | 620 | 31.63 | 1.60 | 203.05 | 1.43 | 6420 |
| Assam | 20.23 | 0.9 | 94.02 | 0.6 | 4647 | 21.14 | 1.07 | 163.45 | 1.15 | 7732 |
| Maharashtra | 28.08 | 1.3 | 129.02 | 0.9 | 4394 | 28.10 | 1.42 | 129.00 | 0.91 | 4591 |
| Bihar | 15.25 | 0.7 | 97.33 | 0.7 | 6384 | 14.90 | 0.75 | 97.30 | 0.69 | 6530 |
| Others | 63.69 | 3.0 | 312.47 | 2.1 | 4906 | 63.96 | 3.24 | 318.17 | 2.25 | 4975 |
| All India | 2140.49 | 100.0 | 14910.66 | 100.0 | 6366 | 1975.82 | 100.00 | 14154.15 | 100.00 | 7164 |

Source: Department of Agriculture, Cooperation & Farmers Welfare (Horticulture Division).

Note: States have been arranged in descending order of percentage share of production during 2014-15.

Table 5.6 (a) : Cashewnut: All-India Area, Production and Yield

Area - '000 Hectares
Production - '000 Tonnes
Yield - Kg/Hectare

| Year | Area | Productive Area | Production | Yield |
|---------|------|-----------------|------------|-------|
| (1) | (2) | (3) | (4) | (5) |
| 1990-91 | 532 | 464 | 295 | 636 |
| 1991-92 | 534 | 482 | 305 | 633 |
| 1992-93 | 560 | 508 | 349 | 687 |
| 1993-94 | 565 | 517 | 348 | 673 |
| 1994-95 | 577 | 510 | 322 | 631 |
| 1995-96 | 635 | 485 | 418 | 862 |
| 1996-97 | 659 | 515 | 430 | 835 |
| 1997-98 | 675 | 512 | 360 | 703 |
| 1998-99 | 706 | 573 | 460 | 803 |
| 1999-00 | 686 | 601 | 520 | 865 |
| 2000-01 | 720 | 627 | 450 | 710 |
| 2001-02 | 750 | 666 | 470 | 710 |
| 2002-03 | 770 | 675 | 500 | 760 |
| 2003-04 | 780 | 684 | 535 | 800 |
| 2004-05 | 820 | 700 | 544 | 810 |
| 2005-06 | 837 | 760 | 573 | 815 |
| 2006-07 | 854 | 765 | 620 | 820 |
| 2007-08 | 868 | 770 | 665 | 860 |
| 2008-09 | 893 | 835 | 695 | 773 |
| 2009-10 | 923 | 882 | 613 | 695 |
| 2010-11 | 945 | 906 | 653 | 720 |
| 2011-12 | 981 | 935 | 692 | 749 |
| 2012-13 | 982 | 944 | 728 | 772 |
| 2013-14 | 1008 | 966 | 737 | 782 |
| 2014-15 | 1027 | 976 | 725 | 706 |

Source : Directorate of Cashewnut and Cocoa Development.

Table 5.6 (b) : Cashewnut: Area, Production and Yield in major producing States

| State | 2013-14 | | | | 2014-15 | | | | Area - '000 Hectares | | | Production - '000 Tonnes | | | Yield - Kg./Hectare | | |
|------------------|----------------|----------------|---------------|----------------|------------|----------------|----------------|---------------|----------------------|------------|------|--------------------------|------|------|---------------------|--|--|
| | Area | % to All India | Production | % to All India | Yield | Area | % to All India | Production | % to All India | (10) | (11) | (10) | (11) | (10) | (11) | | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | | | | | | | | | |
| Maharashtra | 184.20 | 18.3 | 236.20 | 32.0 | 1317 | 186.20 | 18.1 | 235.00 | 32.4 | 1262 | | | | | | | |
| Andhra Pradesh | 184.95 | 18.3 | 100.42 | 13.6 | 646 | 185.45 | 18.1 | 100.00 | 13.8 | 539 | | | | | | | |
| Odisha | 166.91 | 16.6 | 85.71 | 11.6 | 679 | 180.41 | 17.6 | 85.50 | 11.8 | 474 | | | | | | | |
| Karnataka | 124.11 | 12.3 | 80.61 | 10.9 | 750 | 124.71 | 12.1 | 80.50 | 11.1 | 645 | | | | | | | |
| Kerala | 84.93 | 8.4 | 80.12 | 10.9 | 910 | 84.53 | 8.2 | 80.00 | 11.0 | 946 | | | | | | | |
| Tamil nadu | 139.42 | 13.8 | 67.39 | 9.1 | 669 | 140.42 | 13.7 | 67.00 | 9.2 | 478 | | | | | | | |
| Goa | 57.97 | 5.8 | 32.35 | 4.4 | 780 | 58.17 | 5.7 | 32.00 | 4.4 | 550 | | | | | | | |
| Others | 65.51 | 6.5 | 54.20 | 7.4 | 827 | 67.33 | 6.6 | 45.00 | 6.2 | 668 | | | | | | | |
| All India | 1008.00 | 100.0 | 737.00 | 100.0 | 782 | 1027.22 | 100.0 | 725.00 | 100.0 | 706 | | | | | | | |

Source: Directorate of Cashewnut and Cocoa Development.*Note:* States have been arranged in descending order of percentage share of production during 2014-15.

Table 5.7: Arecanut and Banana: All-India Area, Production and Yield

Area - '000 Hectares
Production - '000 Tonnes
Yield - Kg/Hectare

| Year | Area | Production | Yield |
|-------------------------|--------|------------|-------|
| (1) | (2) | (3) | (4) |
| Arecanut | | | |
| 1997-98 | 273.70 | 333.50 | 1218 |
| 1998-99 | 277.50 | 309.80 | 1116 |
| 1999-00 | 289.00 | 334.40 | 1157 |
| 2000-01 | 315.20 | 373.10 | 1184 |
| 2001-02 | 340.90 | 403.10 | 1182 |
| 2002-03 | 354.30 | 415.90 | 1174 |
| 2003-04 | 365.00 | 439.20 | 1203 |
| 2004-05 | 364.30 | 452.70 | 1243 |
| 2005-06 | 381.10 | 483.10 | 1268 |
| 2006-07 | 382.38 | 473.23 | 1238 |
| 2007-08 | 386.69 | 478.07 | 1236 |
| 2008-09 | 387.10 | 481.30 | 1243 |
| 2009-10 | 400.10 | 478.00 | 1195 |
| 2010-11 | 400.30 | 478.10 | 1194 |
| 2011-12 | 463.90 | 680.70 | 1467 |
| 2012-13 | 446.39 | 608.72 | 1364 |
| 2013-14 | 451.90 | 622.27 | 1377 |
| 2014-15 (3rd Adv. Est.) | 454.89 | 732.44 | 1610 |
| Banana | | | |
| 1997-98 | 446.70 | 12642.50 | 28302 |
| 1998-99 | 445.70 | 12425.40 | 27878 |
| 1999-00 | 464.60 | 11123.50 | 23942 |
| 2000-01 | 458.50 | 12899.20 | 28133 |
| 2001-02 | 432.40 | 12519.20 | 28953 |
| 2002-03 | 475.30 | 13304.40 | 27992 |
| 2003-04 | 390.50 | 11388.00 | 29163 |
| 2004-05 | 404.20 | 11710.30 | 28972 |
| 2005-06 | 423.60 | 12104.50 | 28575 |
| 2006-07 | 477.24 | 16608.71 | 34802 |
| 2007-08 | 532.48 | 17646.81 | 33141 |
| 2008-09 | 709.00 | 26217.00 | 36977 |
| 2009-10 | 770.30 | 26469.50 | 34363 |
| 2010-11 | 830.00 | 29780.00 | 35880 |
| 2011-12 | 795.50 | 28455.10 | 35725 |
| 2012-13 | 776.00 | 26509.00 | 34161 |
| 2013-14 | 802.57 | 29724.55 | 37037 |
| 2014-15 (3rd Adv. Est.) | 845.13 | 28136.96 | 33293 |

Source : Department of Agriculture, Cooperation & Farmers Welfare (Horticulture Division).

Table 5.8 : Garlic and Ginger: All-India Area, Production and Yield

Area - '000 Hectares
Production - '000 Tonnes
Yield - Kg/Hectare

| Year | Area | Production | Yield |
|-------------------------|--------|------------|-------|
| (1) | (2) | (3) | (4) |
| Garlic | | | |
| 1997-98 | 108.80 | 484.40 | 4452 |
| 1998-99 | 123.20 | 570.70 | 4632 |
| 1999-00 | 124.60 | 524.60 | 4210 |
| 2000-01 | 69.20 | 247.10 | 3571 |
| 2001-02 | 92.20 | 386.30 | 4190 |
| 2002-03 | 111.50 | 457.00 | 4099 |
| 2003-04 | 138.90 | 691.10 | 4976 |
| 2004-05 | 144.10 | 646.60 | 4487 |
| 2005-06 | 134.90 | 598.20 | 4434 |
| 2006-07 | 159.20 | 776.26 | 4876 |
| 2007-08 | 205.08 | 1068.42 | 5210 |
| 2008-09 | 181.09 | 821.16 | 4535 |
| 2009-10 | 164.86 | 833.97 | 5059 |
| 2010-11 | 201.00 | 1058.00 | 5264 |
| 2011-12 | 242.49 | 1228.32 | 5065 |
| 2012-13 | 247.52 | 1259.27 | 5088 |
| 2013-14 | 230.59 | 1251.88 | 5429 |
| 2014-15 (3rd Adv. Est.) | 244.07 | 1291.56 | 5292 |
| Ginger | | | |
| 1997-98 | 75.60 | 252.10 | 3335 |
| 1998-99 | 77.60 | 263.20 | 3392 |
| 1999-00 | 80.80 | 282.60 | 3498 |
| 2000-01 | 86.20 | 288.00 | 3341 |
| 2001-02 | 91.30 | 322.10 | 3528 |
| 2002-03 | 88.20 | 280.20 | 3177 |
| 2003-04 | 85.10 | 301.90 | 3548 |
| 2004-05 | 95.30 | 359.00 | 3767 |
| 2005-06 | 110.60 | 391.20 | 3537 |
| 2006-07 | 106.10 | 393.44 | 3708 |
| 2007-08 | 104.07 | 382.57 | 3676 |
| 2008-09 | 108.64 | 380.10 | 3499 |
| 2009-10 | 107.54 | 385.33 | 3583 |
| 2010-11 | 149.00 | 702.00 | 4711 |
| 2011-12 | 155.06 | 755.62 | 4873 |
| 2012-13 | 136.25 | 682.63 | 5010 |
| 2013-14 | 132.62 | 655.06 | 4939 |
| 2014-15 (3rd Adv. Est.) | 137.51 | 703.53 | 5116 |

Source : Department of Agriculture, Cooperation & Farmers Welfare (Horticulture Division).

Table 5.9 : Sweet Potato and Tapioca: All-India Area, Production and Yield

Area - '000 Hectares

Production - '000 Tonnes

Yield - Kg/Hectare

| Year (1) | Area (2) | Production (3) | Yield (4) |
|-------------------------|-------------|-------------------|--------------|
| Sweet Potato | | | |
| 1997-98 | 128.80 | 1171.00 | 9092 |
| 1998-99 | 134.40 | 1152.40 | 8574 |
| 1999-00 | 122.90 | 1110.60 | 9037 |
| 2000-01 | 101.30 | 838.30 | 8275 |
| 2001-02 | 96.70 | 834.60 | 8631 |
| 2002-03 | 104.20 | 956.20 | 9177 |
| 2003-04 | 106.40 | 937.80 | 8814 |
| 2004-05 | 107.20 | 932.50 | 8699 |
| 2005-06 | 106.80 | 955.10 | 8943 |
| 2006-07 | 106.60 | 963.70 | 9040 |
| 2007-08 | 106.00 | 942.60 | 8892 |
| 2008-09 | 124.00 | 1120.00 | 9032 |
| 2009-10 | 118.90 | 1094.70 | 9207 |
| 2010-11 | 113.00 | 1047.00 | 9265 |
| 2011-12 | 110.40 | 1072.80 | 9719 |
| 2012-13 | 111.76 | 1132.36 | 10132 |
| 2013-14 | 105.87 | 1087.88 | 10276 |
| 2014-15 (3rd Adv. Est.) | 110.72 | 1336.35 | 12070 |
| Tapioca | | | |
| 1997-98 | 264.60 | 7007.80 | 26485 |
| 1998-99 | 243.40 | 5830.40 | 23954 |
| 1999-00 | 223.50 | 6014.10 | 26909 |
| 2000-01 | 251.80 | 7123.80 | 28292 |
| 2001-02 | 247.60 | 6834.00 | 27601 |
| 2002-03 | 189.80 | 4827.60 | 25435 |
| 2003-04 | 219.00 | 5945.30 | 27147 |
| 2004-05 | 229.40 | 5854.80 | 25522 |
| 2005-06 | 242.40 | 7620.20 | 31436 |
| 2006-07 | 256.43 | 8429.04 | 32871 |
| 2007-08 | 253.45 | 8722.39 | 34415 |
| 2008-09 | 280.00 | 9623.00 | 34368 |
| 2009-10 | 231.90 | 8059.90 | 34756 |
| 2010-11 | 221.00 | 8076.00 | 36543 |
| 2011-12 | 226.70 | 8746.50 | 38582 |
| 2012-13 | 206.96 | 7236.59 | 34966 |
| 2013-14 | 228.28 | 8139.43 | 35655 |
| 2014-15 (3rd Adv. Est.) | 212.82 | 5714.80 | 26853 |

Source : Department of Agriculture, Cooperation & Farmers Welfare (Horticulture Division)

Table 5.10: Turmeric, Chillies and Coriander: All-India Area, Production and Yield

| Year | Area | Production | Yield |
|-------------------------|--------|------------|-------|
| (1) | (2) | (3) | (4) |
| Turmeric | | | |
| 1997-98 | 139.70 | 549.20 | 3931 |
| 1998-99 | 160.70 | 597.90 | 3721 |
| 1999-00 | 141.20 | 668.50 | 4734 |
| 2000-01 | 191.70 | 714.30 | 3726 |
| 2001-02 | 167.10 | 562.80 | 3368 |
| 2002-03 | 150.10 | 522.20 | 3479 |
| 2003-04 | 150.10 | 564.90 | 3763 |
| 2004-05 | 158.70 | 718.10 | 4525 |
| 2005-06 | 172.00 | 851.70 | 4952 |
| 2006-07 | 178.49 | 786.75 | 4408 |
| 2007-08 | 175.28 | 794.40 | 4532 |
| 2008-09 | 181.10 | 821.20 | 4535 |
| 2009-10 | 180.96 | 792.98 | 4382 |
| 2010-11 | 195.00 | 993.00 | 5092 |
| 2011-12 | 218.60 | 1,166.80 | 5337 |
| 2012-13 | 194.20 | 971.10 | 5000 |
| 2013-14 | 232.67 | 1189.89 | 5114 |
| 2014-15 (3rd Adv. Est.) | 189.14 | 851.66 | 4503 |
| Chillies | | | |
| 1997-98 | 840.60 | 870.10 | 1035 |
| 1998-99 | 891.20 | 1043.20 | 1171 |
| 1999-00 | 959.20 | 1052.80 | 1098 |
| 2000-01 | 836.50 | 983.70 | 1176 |
| 2001-02 | 880.00 | 1069.00 | 1215 |
| 2002-03 | 827.40 | 894.60 | 1081 |
| 2003-04 | 774.30 | 1235.70 | 1596 |
| 2004-05 | 737.50 | 1185.50 | 1607 |
| 2005-06 | 654.00 | 1014.60 | 1551 |
| 2006-07 | 763.23 | 1242.11 | 1627 |
| 2007-08 | 805.81 | 1297.85 | 1611 |
| 2008-09 | 779.10 | 1269.90 | 1630 |
| 2009-10 | 767.23 | 1202.94 | 1568 |
| 2010-11 | 792.00 | 1223.00 | 1544 |
| 2011-12 | 804.80 | 1276.30 | 1586 |
| 2012-13 | 794.10 | 1304.40 | 1643 |
| 2013-14 | 774.87 | 1492.14 | 1926 |
| 2014-15 (3rd Adv. Est.) | 743.64 | 1453.13 | 1954 |

Contd...

Table 5.10 (*Contd.*)

| Year (1) | Area (2) | Production (3) | Yield (4) |
|-------------------------|-------------|-------------------|--------------|
| Coriander | | | |
| 1997-98 | 656.50 | 337.70 | 514 |
| 1998-99 | 525.80 | 292.40 | 556 |
| 1999-00 | 415.10 | 239.30 | 576 |
| 2000-01 | 353.60 | 231.30 | 654 |
| 2001-02 | 429.20 | 319.40 | 744 |
| 2002-03 | 285.80 | 174.00 | 609 |
| 2003-04 | 483.50 | 389.80 | 806 |
| 2004-05 | 348.90 | 248.00 | 711 |
| 2005-06 | 340.40 | 223.40 | 656 |
| 2006-07 | 320.83 | 233.23 | 727 |
| 2007-08 | 384.22 | 309.60 | 806 |
| 2008-09 | 396.85 | 242.13 | 610 |
| 2009-10 | 360.00 | 236.72 | 658 |
| 2010-11 | 530.00 | 482.00 | 909 |
| 2011-12 | 557.90 | 532.90 | 955 |
| 2012-13 | 543.20 | 523.90 | 964 |
| 2013-14 | 447.13 | 313.65 | 701 |
| 2014-15 (3rd Adv. Est.) | 469.69 | 344.44 | 733 |

Source : Department of Agriculture, Cooperation & Farmers Welfare (Horticulture Division).

Table 5.11: Cardamom & Pepper : All-India Area, Production and Yield

| Year (1) | Area (2) | Production (3) | Area - '000 Hectares | | |
|---------------------------|-------------|-------------------|--------------------------|--|--|
| | | | Production - '000 Tonnes | | |
| Yield - Kg/Hectare (4) | | | | | |
| Cardamom | | | | | |
| 1997-98 | 94.30 | 11.70 | 123 | | |
| 1998-99 | 85.00 | 9.00 | 106 | | |
| 1999-00 | 84.80 | 10.70 | 126 | | |
| 2000-01 | 92.40 | 14.50 | 157 | | |
| 2001-02 | 91.60 | 15.20 | 166 | | |
| 2002-03 | 88.50 | 15.40 | 174 | | |
| 2003-04 | 95.60 | 16.70 | 175 | | |
| 2004-05 | 95.20 | 16.90 | 178 | | |
| 2005-06 | 95.80 | 17.80 | 186 | | |
| 2006-07 | 98.20 | 15.70 | 160 | | |
| 2007-08 | 81.80 | 13.40 | 164 | | |
| 2008-09 | 91.99 | 15.45 | 168 | | |
| 2009-10 | 90.20 | 15.72 | 174 | | |
| 2010-11 | 87.00 | 16.00 | 184 | | |
| 2011-12 | 89.00 | 15.80 | 178 | | |
| 2012-13 | 92.40 | 18.40 | 199 | | |
| 2013-14 | 92.84 | 21.28 | 229 | | |
| 2014-15 (3rd Adv. Est.) | 91.71 | 21.80 | 238 | | |
| Pepper | | | | | |
| 1997-98 | 181.50 | 57.30 | 316 | | |
| 1998-99 | 239.80 | 75.70 | 316 | | |
| 1999-00 | 195.60 | 59.00 | 302 | | |
| 2000-01 | 213.90 | 63.70 | 298 | | |
| 2001-02 | 219.38 | 62.44 | 285 | | |
| 2002-03 | 224.40 | 71.70 | 320 | | |
| 2003-04 | 233.40 | 73.20 | 314 | | |
| 2004-05 | 228.30 | 73.02 | 320 | | |
| 2005-06 | 260.23 | 92.90 | 357 | | |
| 2006-07 | 245.96 | 69.01 | 281 | | |
| 2007-08 | 197.00 | 47.06 | 239 | | |
| 2008-09 | 238.71 | 47.40 | 199 | | |
| 2009-10 | 195.92 | 51.02 | 260 | | |
| 2010-11 | 184.00 | 52.00 | 183 | | |
| 2011-12 | 200.30 | 40.60 | 203 | | |
| 2012-13 | 124.60 | 52.60 | 422 | | |
| 2013-14 | 123.81 | 50.87 | 411 | | |
| 2014-15 (3rd Adv. Est.) | 123.62 | 54.59 | 442 | | |

Source : Department of Agriculture, Cooperation & Farmers Welfare (Horticulture Division).

6

All India Index Numbers of Area, Production, Yield and Terms of Trade

Table 6.1: All India Index Numbers of Area of Principal Crops

| Crops | (T.E. : 2007-08=100) | | | | | | 2014-15 | | |
|-----------------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| Rice | 100.3 | 104.0 | 95.7 | 97.9 | 100.5 | 97.6 | 100.8 | 100.1 | 100.1 |
| Wheat | 101.9 | 100.9 | 103.5 | 105.7 | 108.6 | 109.1 | 110.8 | 112.6 | 112.6 |
| Jowar | 93.5 | 90.7 | 93.8 | 88.9 | 75.2 | 74.9 | 69.8 | 63.8 | 63.8 |
| Bajra | 100.2 | 91.6 | 93.2 | 100.6 | 91.9 | 76.4 | 81.8 | 74.5 | 74.5 |
| Maize | 103.2 | 103.9 | 105.0 | 108.7 | 111.6 | 110.2 | 115.3 | 117.7 | 117.7 |
| Ragi | 101.5 | 101.1 | 92.8 | 94.1 | 86.1 | 82.6 | 87.4 | 87.9 | 87.9 |
| Small Millets | 100.1 | 87.2 | 80.0 | 77.1 | 77.0 | 72.7 | 65.7 | 56.3 | 56.3 |
| Barley | 96.2 | 112.7 | 99.6 | 112.6 | 102.7 | 111.0 | 107.5 | 110.0 | 110.0 |
| Coarse Cereals | 99.9 | 97.9 | 98.5 | 101.2 | 96.4 | 92.1 | 94.4 | 92.3 | 92.3 |
| Cereals | 100.9 | 101.6 | 99.5 | 101.8 | 103.3 | 101.7 | 104.0 | 104.2 | 104.2 |
| Tur | 102.8 | 93.2 | 95.7 | 120.5 | 110.6 | 107.5 | 107.8 | 102.3 | 102.3 |
| Gram | 103.0 | 107.8 | 111.6 | 125.5 | 113.4 | 116.4 | 135.6 | 111.9 | 111.9 |
| Moong | 111.5 | 85.0 | 91.8 | 104.9 | 101.3 | 81.3 | 101.2 | 91.3 | 91.3 |
| Urad | 102.9 | 86.2 | 95.5 | 104.8 | 103.8 | 101.1 | 98.9 | 105.6 | 105.6 |
| Lentil | 91.5 | 96.4 | 103.7 | 111.9 | 109.5 | 99.7 | 94.0 | 92.8 | 92.8 |
| Other Pulses | 97.3 | 92.4 | 97.2 | 105.6 | 93.7 | 83.8 | 84.4 | 83.3 | 83.3 |
| Total Pulses | 102.3 | 97.3 | 102.2 | 116.4 | 107.5 | 103.8 | 112.8 | 102.2 | 102.2 |
| Foodgrains | 101.2 | 100.9 | 100.0 | 104.4 | 104.0 | 102.0 | 105.6 | 103.9 | 103.9 |

Contd..

Table 6.1 (*Contd.*)

| Crops | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 |
|-----------------------|-------------|--------------|-------------|--------------|-------------|-------------|--------------|-------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| Groundnut | 101.2 | 99.2 | 88.1 | 94.2 | 84.7 | 76.0 | 88.6 | 75.4 |
| Castor | 103.6 | 114.0 | 96.7 | 115.9 | 193.6 | 162.3 | 139.9 | 145.5 |
| Niger | 94.7 | 91.4 | 87.3 | 86.2 | 84.7 | 72.1 | 69.4 | 54.4 |
| Sesamum | 103.3 | 103.9 | 111.5 | 119.6 | 109.2 | 97.9 | 96.4 | 102.1 |
| R & M | 87.9 | 95.0 | 84.3 | 104.1 | 88.9 | 96.0 | 100.2 | 87.3 |
| Linseed | 104.7 | 91.2 | 76.5 | 80.4 | 72.2 | 66.3 | 65.6 | 63.4 |
| Safflower | 90.5 | 83.2 | 81.3 | 68.9 | 70.7 | 51.8 | 50.2 | 59.5 |
| Sunflower | 89.4 | 84.8 | 69.0 | 43.4 | 34.2 | 38.8 | 31.4 | 25.8 |
| Soyabean | 106.9 | 114.5 | 117.2 | 115.6 | 121.7 | 130.5 | 141.1 | 133.5 |
| Total Oilseeds | 98.5 | 101.8 | 94.8 | 101.0 | 97.5 | 97.5 | 104.1 | 94.5 |
| Sugarcane | 105.3 | 91.9 | 86.9 | 101.7 | 104.9 | 104.1 | 104.0 | 107.1 |
| Cotton | 103.7 | 103.6 | 111.6 | 123.8 | 134.1 | 131.9 | 131.7 | 144.1 |
| Jute | 103.2 | 99.6 | 102.8 | 98.1 | 102.5 | 98.4 | 95.8 | 95.0 |
| Mesta | 102.9 | 81.1 | 66.3 | 69.4 | 67.3 | 60.4 | 57.4 | 41.7 |
| Coconut | 98.7 | 98.7 | 98.2 | 98.3 | 107.4 | 110.8 | 110.9 | 102.6 |
| Cotton seed | 103.7 | 103.6 | 111.6 | 123.8 | 134.1 | 131.9 | 131.7 | 144.1 |
| Sannhamp | 97.4 | 78.4 | 74.7 | 85.6 | 64.3 | 53.2 | 49.1 | 49.1 |
| Porato | 105.0 | 123.6 | 124.0 | 125.9 | 128.9 | 134.6 | 133.3 | 139.2 |
| Tapioca | 101.1 | 111.7 | 92.5 | 88.1 | 90.5 | 82.5 | 90.9 | 100.9 |
| Sweet potato | 99.6 | 116.8 | 111.8 | 106.1 | 103.3 | 105.2 | 99.6 | 104.3 |

Contd..

Table 6.1 (*Contd.*)

| Crops | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| Onion | 102.2 | 121.0 | 109.6 | 154.3 | 157.7 | 152.6 | 174.6 | 171.3 |
| Banana | 111.5 | 148.4 | 161.2 | 173.7 | 166.8 | 162.4 | 168.1 | 184.2 |
| Tobacco | 95.9 | 107.5 | 122.0 | 135.0 | 128.3 | 117.3 | 125.5 | 125.5 |
| Guar seed | 106.6 | 118.6 | 92.0 | 103.8 | 105.9 | 158.2 | 183.1 | 183.1 |
| Black pepper | 84.0 | 101.8 | 83.6 | 78.5 | 85.3 | 53.3 | 52.9 | 52.9 |
| Dry chillies | 108.7 | 105.1 | 103.5 | 106.9 | 108.6 | 107.2 | 104.6 | 104.6 |
| Dry ginger | 97.4 | 101.6 | 101.0 | 139.3 | 145.0 | 127.2 | 124.4 | 124.4 |
| Turneric | 100.0 | 103.3 | 103.3 | 111.3 | 125.0 | 110.7 | 132.9 | 132.9 |
| Areca nut | 100.9 | 100.9 | 104.3 | 104.3 | 121.0 | 116.3 | 117.9 | 117.9 |
| Cardamom | 89.0 | 100.1 | 97.9 | 94.6 | 96.8 | 100.1 | 101.2 | 101.2 |
| Coriander | 110.3 | 113.9 | 103.3 | 152.1 | 160.1 | 155.8 | 128.3 | 128.3 |
| Garlic | 123.3 | 99.9 | 99.2 | 120.8 | 145.4 | 149.0 | 138.8 | 138.8 |
| Tea | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| Coffee | 113.2 | 115.0 | 116.5 | 118.0 | 119.5 | 121.1 | 122.2 | 121.1 |
| Rubber | 103.1 | 107.5 | 111.4 | 115.5 | 119.3 | 123.0 | 126.3 | 126.3 |
| Non Foodgrains | 103.2 | 106.1 | 104.3 | 114.0 | 116.5 | 116.2 | 119.4 | 120.4 |
| All Crops | 102.2 | 103.5 | 102.1 | 109.1 | 110.2 | 109.0 | 112.4 | 112.0 |

Source: Directorate of Economics & Statistics, DAC&FW

Table 6.2: All India Index Numbers of Production of Principal Crops

| Crops (1) | 2007-08 | | 2008-09 | | 2009-10 | | 2010-11 | | 2011-12 | | 2012-13 | | 2013-14 | | 2014-15 | |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) | (17) |
| Rice | 102.9 | 105.6 | 94.8 | 102.2 | 112.1 | 112.0 | 113.5 | 111.6 | 111.6 | 111.6 | 111.6 | 111.6 | 111.6 | 111.6 | 111.6 | 111.6 |
| Wheat | 105.4 | 108.2 | 108.3 | 116.5 | 127.2 | 125.4 | 128.5 | 119.3 | 119.3 | 119.3 | 119.3 | 119.3 | 119.3 | 119.3 | 119.3 | 119.3 |
| Jowar | 104.7 | 95.7 | 88.5 | 92.5 | 79.0 | 69.8 | 73.2 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| Bajra | 114.7 | 102.2 | 74.8 | 119.3 | 118.2 | 100.6 | 106.4 | 104.1 | 104.1 | 104.1 | 104.1 | 104.1 | 104.1 | 104.1 | 104.1 | 104.1 |
| Maize | 116.6 | 121.4 | 102.9 | 133.7 | 133.9 | 136.9 | 149.3 | 145.6 | 145.6 | 145.6 | 145.6 | 145.6 | 145.6 | 145.6 | 145.6 | 145.6 |
| Ragi | 108.5 | 102.9 | 95.2 | 110.6 | 97.3 | 79.4 | 100.0 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 |
| Small Millers | 110.0 | 88.8 | 76.3 | 88.3 | 90.2 | 87.0 | 85.9 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| Barley | 95.8 | 135.3 | 108.5 | 133.2 | 129.7 | 140.4 | 146.7 | 128.4 | 128.4 | 128.4 | 128.4 | 128.4 | 128.4 | 128.4 | 128.4 | 128.4 |
| Coarse Cereals | 112.1 | 110.0 | 92.3 | 118.9 | 114.8 | 109.2 | 118.0 | 113.6 |
| Cereals | 105.5 | 107.4 | 100.2 | 111.1 | 119.1 | 117.3 | 120.7 | 115.2 |
| Tur | 113.5 | 83.6 | 91.0 | 105.6 | 98.0 | 111.6 | 117.2 | 102.6 | 102.6 | 102.6 | 102.6 | 102.6 | 102.6 | 102.6 | 102.6 | 102.6 |
| Gram | 97.5 | 119.8 | 126.8 | 139.5 | 130.7 | 149.9 | 161.6 | 121.6 | 121.6 | 121.6 | 121.6 | 121.6 | 121.6 | 121.6 | 121.6 | 121.6 |
| Moong | 127.4 | 86.6 | 57.9 | 150.7 | 136.8 | 99.3 | 134.4 | 126.3 | 126.3 | 126.3 | 126.3 | 126.3 | 126.3 | 126.3 | 126.3 | 126.3 |
| Urad | 104.1 | 83.9 | 88.3 | 125.7 | 126.1 | 139.1 | 121.4 | 133.4 | 133.4 | 133.4 | 133.4 | 133.4 | 133.4 | 133.4 | 133.4 | 133.4 |
| Lentil | 91.2 | 107.1 | 115.9 | 106.0 | 118.9 | 127.4 | 114.3 | 136.1 | 136.1 | 136.1 | 136.1 | 136.1 | 136.1 | 136.1 | 136.1 | 136.1 |
| Other Pulses | 105.9 | 102.6 | 87.0 | 131.1 | 112.2 | 109.6 | 110.0 | 131.0 | 131.0 | 131.0 | 131.0 | 131.0 | 131.0 | 131.0 | 131.0 | 131.0 |
| Total Pulses | 105.1 | 102.0 | 102.3 | 129.3 | 121.3 | 129.3 | 135.6 | 122.1 |
| Foodgrains | 105.4 | 106.5 | 100.6 | 114.3 | 119.5 | 119.4 | 123.3 | 116.4 |
| Groundnut | 125.0 | 97.6 | 73.9 | 112.5 | 94.8 | 63.9 | 132.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |

Contd..

Table 6.2 (*Contd.*)

Table 6.2 (*Contd.*)

| Crops | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 |
|----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| Banana | 114.2 | 169.7 | 171.3 | 192.7 | 184.1 | 171.5 | 192.4 | 194.2 |
| Tobacco | 93.0 | 115.1 | 141.6 | 170.5 | 159.9 | 139.8 | 156.4 | 156.4 |
| Guar seed | 133.6 | 144.6 | 44.4 | 146.8 | 166.0 | 183.6 | 268.0 | 268.0 |
| Black pepper | 67.6 | 68.0 | 73.2 | 74.6 | 58.9 | 76.1 | 73.2 | 73.2 |
| Dry chillies | 109.5 | 107.2 | 101.5 | 103.2 | 107.7 | 110.1 | 125.9 | 125.9 |
| Dry ginger | 98.3 | 97.7 | 99.0 | 180.4 | 194.3 | 175.5 | 168.4 | 168.4 |
| Turmeric | 98.0 | 101.3 | 97.8 | 122.4 | 143.9 | 119.7 | 146.7 | 146.7 |
| Arecanut | 100.0 | 100.6 | 100.0 | 100.0 | 142.4 | 127.4 | 130.1 | 130.3 |
| Cardamom | 85.7 | 99.1 | 102.3 | 102.3 | 102.3 | 115.1 | 134.3 | 134.3 |
| Coriander | 121.2 | 94.8 | 92.8 | 188.7 | 208.7 | 205.2 | 122.9 | 122.9 |
| Garlic | 131.2 | 102.1 | 102.4 | 129.9 | 150.8 | 154.6 | 153.8 | 153.8 |
| Tea | 95.9 | 98.8 | 100.7 | 98.2 | 112.8 | 116.8 | 124.4 | 124.4 |
| Coffee | 95.4 | 95.5 | 105.4 | 110.0 | 114.3 | 115.8 | 110.9 | 115.8 |
| Rubber | 99.8 | 104.5 | 100.5 | 104.2 | 109.3 | 110.5 | 93.6 | 93.6 |
| Non Foodgrains | 108.6 | 107.5 | 104.9 | 128.0 | 131.2 | 129.2 | 136.1 | 131.5 |
| All Crops | 107.0 | 107.0 | 102.7 | 121.0 | 125.3 | 124.2 | 129.6 | 123.9 |

Source: Directorate of Economics & Statistics, DAC&FW

Table 6.3: All India Index Numbers of Yield of Principal Crops

| Crops | (T.E. : 2007-08=100) | | | | | | | | |
|-----------------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--|
| | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | |
| Rice | 102.6 | 101.5 | 99.1 | 104.4 | 111.5 | 114.7 | 112.6 | 111.4 | |
| Wheat | 103.4 | 107.2 | 104.7 | 110.2 | 117.2 | 114.9 | 116.0 | 105.9 | |
| Jowar | 112.0 | 105.5 | 94.3 | 104.1 | 105.0 | 93.2 | 104.9 | 104.5 | |
| Bajra | 114.5 | 111.6 | 80.3 | 118.6 | 128.7 | 131.7 | 130.2 | 139.8 | |
| Maize | 113.0 | 116.8 | 97.9 | 122.9 | 119.9 | 124.2 | 129.5 | 123.8 | |
| Ragi | 106.9 | 101.7 | 102.6 | 117.5 | 113.0 | 96.1 | 114.4 | 114.5 | |
| Small Millets | 109.9 | 101.9 | 95.3 | 114.6 | 117.2 | 119.8 | 130.6 | 132.8 | |
| Barley | 99.6 | 120.1 | 109.0 | 118.3 | 126.2 | 126.5 | 136.4 | 116.6 | |
| Coarse Cereals | 112.3 | 112.4 | 93.8 | 117.5 | 119.1 | 118.6 | 125.0 | 123.1 | |
| Cereals | 104.5 | 105.7 | 100.7 | 109.1 | 115.3 | 115.4 | 116.0 | 110.5 | |
| Tur | 110.4 | 89.7 | 95.1 | 87.6 | 88.6 | 103.8 | 108.7 | 100.2 | |
| Gram | 94.7 | 111.1 | 113.7 | 111.2 | 115.3 | 128.7 | 119.2 | 108.7 | |
| Moong | 114.3 | 101.8 | 63.1 | 143.6 | 135.0 | 122.1 | 132.8 | 138.3 | |
| Urad | 101.1 | 97.4 | 92.4 | 119.9 | 121.5 | 137.6 | 122.8 | 126.3 | |
| Lentil | 99.6 | 111.1 | 111.7 | 94.7 | 108.6 | 127.7 | 121.6 | 146.6 | |
| Other Pulses | 108.9 | 111.0 | 89.5 | 124.2 | 119.8 | 130.8 | 130.4 | 157.2 | |
| Total Pulses | 102.7 | 104.9 | 100.1 | 111.1 | 112.8 | 124.6 | 120.2 | 119.5 | |
| Foodgrains | 104.2 | 105.5 | 100.6 | 109.5 | 114.8 | 117.0 | 116.8 | 112.1 | |

Table 6.3 (*Contd.*)

| Crops | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 |
|-----------------------|--------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| Groundnut | 123.5 | 98.4 | 83.8 | 119.4 | 111.9 | 84.1 | 149.3 | 118.4 |
| Castor | 108.7 | 109.8 | 111.5 | 124.6 | 126.7 | 129.3 | 131.9 | 127.4 |
| Niger | 102.5 | 113.5 | 101.5 | 110.8 | 102.7 | 123.9 | 124.9 | 118.3 |
| Sesamum | 109.0 | 91.7 | 78.5 | 111.1 | 110.4 | 104.1 | 110.3 | 118.2 |
| R & M | 93.1 | 106.3 | 109.9 | 110.2 | 104.1 | 117.3 | 110.2 | 101.2 |
| Linseed | 93.0 | 110.4 | 119.6 | 108.6 | 125.8 | 133.5 | 128.7 | 143.4 |
| Safflower | 107.3 | 98.4 | 95.1 | 94.5 | 88.9 | 90.6 | 97.7 | 70.1 |
| Sunflower | 118.9 | 99.2 | 89.5 | 108.9 | 109.7 | 101.8 | 116.6 | 116.9 |
| Soyabean | 109.5 | 92.4 | 90.8 | 117.7 | 107.2 | 120.0 | 89.8 | 84.2 |
| Total Oilseeds | 110.3 | 99.0 | 93.8 | 115.7 | 109.3 | 110.1 | 114.3 | 101.5 |
| Sugarcane | 100.8 | 94.4 | 102.4 | 102.5 | 104.8 | 99.8 | 103.2 | 102.2 |
| Cotton | 111.7 | 96.2 | 96.4 | 119.4 | 117.5 | 116.1 | 122.0 | 110.2 |
| Jute | 97.4 | 95.1 | 107.4 | 100.4 | 103.0 | 103.3 | 113.7 | 113.2 |
| Mesta | 102.5 | 96.0 | 94.3 | 93.8 | 104.9 | 104.0 | 112.6 | 131.7 |
| Coconut | 98.8 | 98.8 | 105.8 | 105.9 | 133.6 | 135.3 | 129.1 | 147.0 |
| Cotton seed | 111.7 | 96.2 | 96.4 | 119.4 | 117.5 | 116.1 | 122.0 | 110.2 |
| Sannhamp | 101.4 | 183.0 | 168.2 | 201.6 | 205.5 | 189.3 | 196.3 | 196.3 |
| Potato | 109.1 | 112.0 | 118.7 | 135.3 | 129.5 | 135.5 | 125.4 | 129.7 |
| Tapioca | 104.5 | 104.4 | 105.5 | 111.0 | 117.0 | 106.2 | 108.4 | 102.5 |
| Sweet potato | 99.3 | 100.6 | 102.7 | 103.4 | 108.9 | 112.8 | 114.6 | 134.6 |

(Contd.)

Table 6.3 (*Contd.*)

| Crops | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| Onion | 100.5 | 125.9 | 124.6 | 110.0 | 124.8 | 123.8 | 124.8 | 124.1 |
| Banana | 102.5 | 114.3 | 106.3 | 110.9 | 110.4 | 105.6 | 114.4 | 105.4 |
| Tobacco | 97.0 | 107.0 | 116.1 | 126.3 | 124.6 | 119.1 | 124.6 | 124.6 |
| Guar seed | 125.3 | 121.9 | 48.3 | 141.4 | 156.7 | 116.1 | 146.4 | 146.4 |
| Black pepper | 80.4 | 66.8 | 87.5 | 95.1 | 69.0 | 142.7 | 138.4 | 138.4 |
| Dry chillies | 100.7 | 101.9 | 98.1 | 96.6 | 99.1 | 102.7 | 120.4 | 120.4 |
| Dry ginger | 101.0 | 96.2 | 98.0 | 129.5 | 134.1 | 138.0 | 135.4 | 135.4 |
| Turmeric | 97.9 | 98.0 | 94.7 | 110.1 | 115.2 | 108.2 | 110.4 | 110.4 |
| Arecanut | 99.1 | 99.7 | 95.8 | 95.8 | 117.7 | 109.5 | 110.3 | 110.5 |
| Cardamom | 96.3 | 99.1 | 104.5 | 108.1 | 105.7 | 115.1 | 132.8 | 132.8 |
| Coriander | 109.9 | 83.2 | 89.8 | 124.1 | 130.3 | 131.7 | 95.8 | 95.8 |
| Gadic | 106.4 | 102.2 | 103.3 | 107.6 | 103.7 | 103.7 | 110.8 | 110.8 |
| Tea | 97.7 | 100.6 | 102.5 | 100.0 | 114.9 | 119.0 | 126.7 | 126.7 |
| Coffee | 84.3 | 83.1 | 90.5 | 93.2 | 95.7 | 95.7 | 90.7 | 95.7 |
| Rubber | 96.8 | 97.3 | 90.2 | 90.2 | 91.6 | 89.9 | 74.1 | 74.1 |
| Non Foodgrains | 105.2 | 101.4 | 100.6 | 112.2 | 112.6 | 111.2 | 114.0 | 109.2 |
| All Crops | 104.7 | 103.4 | 100.6 | 110.9 | 113.7 | 114.0 | 115.4 | 110.6 |

Source: Directorate of Economics & Statistics, DAC&FW

Table 6.4(a): Index of Terms of Trade between Farmers and Non-Farmers

| Year (1) | Index of Prices Received (IPR) (2) | Index of Price Paid (IPP) for | | | (Base: Triennium Ending 2011-12=100) | |
|-------------|---------------------------------------|-----------------------------------|--|-----------------------------------|--------------------------------------|--------------------------------------|
| | | Final Consumption (IPP-FC) (3) | Intermediate Consumption (IPP-IC) (4) | Capital Formation (IPP-CF) (5) | Combined Index (IPP) (6) | Index of Terms of Trade (ITI) (7) |
| Weight | 100.00 | 38.19 | 43.44 | 18.37 | 100.00 | (Col-2/6*100) |
| 2004-05 | 62.35 | 80.09 | 62.12 | 73.06 | 70.99 | 87.82 |
| 2005-06 | 61.40 | 80.25 | 64.60 | 74.53 | 72.40 | 84.80 |
| 2006-07 | 63.97 | 77.62 | 67.75 | 78.37 | 73.47 | 87.06 |
| 2007-08 | 72.06 | 82.85 | 71.52 | 84.11 | 78.16 | 92.20 |
| 2008-09 | 82.06 | 85.63 | 74.72 | 92.10 | 82.08 | 99.98 |
| 2009-10 | 90.89 | 91.70 | 89.09 | 92.71 | 90.75 | 100.15 |
| 2010-11 | 101.29 | 97.31 | 98.94 | 99.33 | 98.39 | 102.95 |
| 2011-12 | 107.82 | 110.98 | 111.98 | 107.96 | 110.86 | 97.26 |
| 2012-13 | 119.49 | 119.99 | 128.36 | 115.21 | 122.75 | 97.34 |
| 2013-14 | 131.67 | 128.36 | 145.19 | 117.84 | 133.74 | 98.46 |
| 2014-15(P) | 138.00 | 132.42 | 157.54 | 122.70 | 141.55 | 97.49 |

Source: Directorate of Economics & Statistics, DAC&FW

Table 6.4(b) : Index of Terms of Trade between Agriculture and Non-Agricultural sectors

| Year | Index of Prices Received for | | | | | | Index of Prices Paid for | | | Combined Index for Terms of Trade (ITI) | | | (Base: Triennium Ending 2011-12=100) | | | | |
|------------|------------------------------|------------------------|--------------------------------|-----------------------|------------------------|--|------------------------------------|-----------------------------|-------------------|---|------|------|--------------------------------------|--|--|--|--|
| | Final Consumption for | | | Final Consumption for | | | Capital Formation (IPPF-CF) | | Prices Paid (IPP) | | | | | | | | |
| | Farmers | Agricultural Labourers | Index of Prices Received (IPR) | Farmers | Agricultural Labourers | Combined Index for Final Consumption (IPPF-FC) | Intermediate Consumption (IPPF-IC) | Capital Formation (IPPF-CF) | Prices Paid (IPP) | | | | | | | | |
| Weight | 94.04 | 5.96 | 100.00 | 71.35 | 28.65 | 55.38 | 25.62 | 19.00 | 100.00 | Col-4/10*100 | (11) | (11) | | | | | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (10) | (11) | (11) | | | | | |
| 2004-05 | 62.35 | 49.07 | 61.56 | 80.09 | 76.40 | 79.03 | 69.58 | 73.06 | 75.48 | 81.56 | | | | | | | |
| 2005-06 | 61.40 | 55.22 | 61.03 | 80.25 | 77.01 | 79.32 | 71.69 | 74.53 | 76.46 | 79.82 | | | | | | | |
| 2006-07 | 63.97 | 58.29 | 63.63 | 77.62 | 75.05 | 76.88 | 75.55 | 78.37 | 76.82 | 82.82 | | | | | | | |
| 2007-08 | 72.06 | 61.83 | 71.45 | 82.85 | 82.10 | 82.63 | 80.51 | 84.11 | 82.37 | 86.74 | | | | | | | |
| 2008-09 | 82.06 | 76.28 | 81.72 | 85.63 | 84.55 | 85.32 | 87.09 | 92.10 | 87.06 | 93.86 | | | | | | | |
| 2009-10 | 90.89 | 85.61 | 90.57 | 91.70 | 91.40 | 91.62 | 92.67 | 92.71 | 92.10 | 98.35 | | | | | | | |
| 2010-11 | 101.29 | 98.17 | 101.10 | 97.31 | 97.47 | 97.36 | 99.42 | 99.33 | 98.26 | 102.89 | | | | | | | |
| 2011-12 | 107.82 | 116.22 | 108.32 | 110.98 | 111.14 | 111.03 | 107.91 | 107.96 | 109.64 | 98.79 | | | | | | | |
| 2012-13 | 119.49 | 133.83 | 120.34 | 119.99 | 118.76 | 119.64 | 121.44 | 115.21 | 119.26 | 100.91 | | | | | | | |
| 2013-14 | 131.67 | 151.40 | 132.85 | 128.36 | 129.25 | 128.62 | 132.30 | 117.84 | 127.51 | 104.19 | | | | | | | |
| 2014-15(P) | 138.00 | 179.32 | 140.46 | 132.42 | 133.48 | 132.72 | 136.43 | 122.70 | 131.77 | 106.59 | | | | | | | |

Source: Directorate of Economics & Statistics, DAC&FW

7

Area, Production and Yield of Major Crops in Different Countries

Table 7.1: Area, Production and Yield of Principal Crops in various Countries during 2013

| Country | Area (1) | Production (2) | Yield (4) | Production (%) (5) |
|-----------------|---------------|-------------------|--------------|-----------------------|
| 1. Paddy | | | | |
| World | 165163 | 740903 | 4486 | 100.00 |
| China | 30582 | 205207 | 6710 | 27.70 |
| India | 43940 | 159200 | 3623 | 21.49 |
| Indonesia | 13835 | 71280 | 5152 | 9.62 |
| Bangladesh | 11770 | 51500 | 4376 | 6.95 |
| Viet Nam | 7903 | 44039 | 5573 | 5.94 |
| Thailand | 12373 | 36063 | 2915 | 4.87 |
| Myanmar | 7500 | 28767 | 3836 | 3.88 |
| Philippines | 4746 | 18439 | 3885 | 2.49 |
| Brazil | 2353 | 11783 | 5007 | 1.59 |
| Japan | 1599 | 10758 | 6728 | 1.45 |
| 2. Wheat | | | | |
| World | 219047 | 715909 | 3268 | 100.00 |
| China | 24119 | 121931 | 5055 | 17.03 |
| India | 29650 | 93510 | 3154 | 13.06 |
| USA | 18274 | 57967 | 3172 | 8.10 |
| France | 5323 | 38614 | 7254 | 5.39 |
| Canada | 10442 | 37530 | 3594 | 5.24 |
| Germany | 3128 | 25019 | 7998 | 3.49 |
| Pakistan | 8687 | 24211 | 2787 | 3.38 |
| Oceania | 13029 | 23303 | 1789 | 3.26 |
| Australia | 12979 | 22856 | 1761 | 3.19 |
| Ukraine | 6566 | 22793 | 3471 | 3.18 |
| 3. Maize | | | | |
| World | 185121 | 1018112 | 5500 | 100.00 |
| USA | 35478 | 353699 | 9970 | 34.74 |
| China | 36339 | 218624 | 6016 | 21.47 |
| Brazil | 15280 | 80273 | 5254 | 7.88 |
| Argentina | 4864 | 32119 | 6604 | 3.15 |
| Ukraine | 4827 | 30950 | 6412 | 3.04 |
| India | 9500 | 23290 | 2452 | 2.29 |
| Mexico | 7096 | 22664 | 3194 | 2.23 |
| Indonesia | 3822 | 18512 | 4844 | 1.82 |
| France | 1850 | 15053 | 8137 | 1.48 |
| Canada | 1480 | 14194 | 9591 | 1.39 |

Contd...

Table 7.1 (*Contd.*)

| Country | Area | Production | Yield | Production (%) |
|----------------------------------|--------------|----------------|---------------|----------------|
| (1) | (2) | (3) | (4) | (5) |
| 4. Sugarcane | | | | |
| World | 26943 | 1911180 | 70935 | 100.00 |
| Brazil | 10195 | 768090 | 75339 | 40.19 |
| India | 5060 | 341200 | 67431 | 17.85 |
| China | 1825 | 128851 | 70588 | 6.74 |
| Thailand | 1322 | 100096 | 75738 | 5.24 |
| Pakistan | 1129 | 63750 | 56476 | 3.34 |
| Mexico | 783 | 61182 | 78158 | 3.20 |
| Colombia | 406 | 34876 | 85958 | 1.82 |
| Indonesia | 450 | 33700 | 74889 | 1.76 |
| Philippines | 435 | 31874 | 73205 | 1.67 |
| Oceania | 381 | 29085 | 76263 | 1.52 |
| 5. Groundnut (in shell) | | | | |
| World | 25418 | 45654 | 1796 | 100.00 |
| China | 4652 | 17019 | 3659 | 37.28 |
| India | 5250 | 9472 | 1804 | 20.75 |
| Nigeria | 2360 | 3000 | 1271 | 6.57 |
| USA | 421 | 1893 | 4496 | 4.15 |
| Sudan (former) | 2162 | 1767 | 817 | 3.87 |
| Myanmar | 890 | 1375 | 1545 | 3.01 |
| Indonesia | 519 | 1340 | 2582 | 2.94 |
| Argentina | 404 | 1026 | 2539 | 2.25 |
| United Republic of Tanzania | 740 | 785 | 1061 | 1.72 |
| Senegal | 770 | 710 | 922 | 1.55 |
| 6. Tobacco Unmanufactured | | | | |
| World | 4238 | 740903 | 174817 | 100.00 |
| China | 1528 | 230114 | 150637 | 31.06 |
| Brazil | 405 | 138760 | 342405 | 18.73 |
| India | 490 | 113479 | 231590 | 15.32 |
| USA | 136 | 24588 | 180700 | 3.32 |
| Indonesia | 270 | 18439 | 68244 | 2.49 |
| Zimbabwe | 115 | 9390 | 81652 | 1.27 |
| Malawi | 120 | 8613 | 71673 | 1.16 |
| Argentina | 59 | 8613 | 145398 | 1.16 |
| Pakistan | 50 | 7039 | 140779 | 0.95 |
| Turkey | 136 | 6798 | 49901 | 0.92 |

Source: FAOSTAT (as on 29.07.2015).

Table 7.2: India's Position in World Agriculture in 2013

| Item | India | World | % Share | India's Rank | Next to |
|--|-------|-------|---------|--------------|---|
| (1) | (2) | (3) | (4) | (5) | (6) |
| 1. Total Area (Million Hectares) | 329 | 13467 | 2.4 | Seventh | Russian Federation, Canada, USA, China, Brazil, Australia |
| Land Area | 297 | 13009 | 2.3 | Seventh | Russian Federation, China, USA, Canada, Brazil, Australia |
| Arable Land | 156 | 1396 | 11.2 | Second | USA |
| 2. Population (Million) | | | | | |
| Total | 1252 | 7162 | 17.5 | Second | China |
| Rural | 852 | 3357 | 25.4 | First | |
| 3. Economically Active Population (Million) | | | | | |
| Total | 516 | 3434 | 15.0 | Second | China |
| Agriculture | 274 | 1330 | 20.6 | Second | China |
| 4. Crop Production (Million Tonnes) | | | | | |
| (A) Total Cereals | 294 | 2780 | 10.6 | Third | China, USA |
| Wheat | 94 | 716 | 13.1 | Second | China |
| Rice (Paddy) | 159 | 741 | 21.5 | Second | China |
| (B) Total Pulses | 18 | 73 | 24.7 | First | |
| (C) Oilsseeds | | | | | |
| Groundnut (in shell) | 9 | 46 | 19.6 | Second | China |
| Rapeseed | 8 | 73 | 10.7 | Third | Canada, China |
| (D) Commercial Crops | | | | | |
| Sugarcane | 341 | 1911 | 17.8 | Second | Brazil |
| Tea | 1.21 | 5.35 | 22.6 | Second | China |

Contd..

Table 7.2 (*Contd.*)

| Item | India | World | % Share | India's Rank | Next to |
|--|--------|--------|---------|--------------|---|
| (1) | (2) | (3) | (4) | (5) | (6) |
| Coffee (green) | 0.32 | 8.92 | 3.6 | Fifth | Brazil, Vietnam, Indonesia, Colombia |
| Jute & Jute like Fibres | 2.05 | 3.68 | 55.7 | First | |
| Cotton (lint) | 6.05 | 24.54 | 24.7 | Second | China |
| Tobacco Unmanufactured | 0.83 | 7.44 | 11.2 | Third | China, Brazil |
| 5. Fruits & Vegetables (Million Tonnes) | | | | | |
| (A) Vegetables& Melons | 121 | 1136 | 10.7 | Second | China |
| (B) Fruits excluding Melons | 83 | 677 | 12.2 | Second | China |
| (C) Potatoes | 45 | 376 | 12.0 | Second | China |
| (D) Onion (Dry) | 19 | 86 | 22.1 | Second | China |
| 6. Livestock (Million Heads) | | | | | |
| (A) Cattle | 189 | 1468 | 12.9 | Second | Brazil |
| (B) Buffaloes | 109 | 194 | 56.1 | First | |
| (C) Camels | 0.38 | 27 | 1.4 | Eleventh | Somalia, Sudan, Kenya, Niger, Chad, Mauritania, Pakistan, Mali, Ethiopia, Yemen |
| (D) Sheep | 69 | 1163 | 5.9 | Third | China, Australia |
| (E) Goats | 134 | 976 | 13.7 | Second | China |
| (F) Chicken | 709 | 20387 | 3.5 | Sixth | China, USA, Indonesia, Brazil, Iran |
| 7. Animal Products (000 MT) | | | | | |
| (A) Milk Total | 135600 | 746708 | 18.2 | First | |
| (B) Eggs Total | 3835 | 68262 | 5.6 | Third | China, USA |
| (C) Meat Total | 6215 | 310380 | 2.0 | Sixth | China, USA, Brazil, Russian Federation, Germany, USA |

Source: FAOSTAT (as on 07.08.2015)

8

Minimum Support Prices/ Marketed Surplus Ratios

8.1 Minimum Support Prices of various Agricultural Commodities (According to Crop Year)

(As on 12.11.2015)
(₹ per quintal)

| Sl. No. | Commodity | Variety | 2011-12 | | | 2012-13 | | | 2013-14 | | | 2014-15 | | | 2015-16 | | |
|---------------------|--------------------|------------------------------|---|--------------|--------------|--------------|-------------------|-------------------|----------|----------|--|---------|--|--|---------|--|--|
| | | | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | | | | | | | |
| Kharif Crops | | | | | | | | | | | | | | | | | |
| 1 | Paddy | Common Grade A' | 1080 | 1250 | 1310 | 1360 | 1410 | 1410 | 1400 | 1450 | | | | | | | |
| 2 | Jowar | Hybrid Maldandi | 980 | 1500 | 1500 | 1530 | 1570 | 1570 | 1550 | 1590 | | | | | | | |
| 3 | Bajra | | 980 | 1175 | 1250 | 1250 | 1275 | 1275 | | | | | | | | | |
| 4 | Maize | | 980 | 1175 | 1310 | 1310 | 1325 | 1325 | | | | | | | | | |
| 5 | Ragi | | 1050 | 1500 | 1500 | 1550 | 1650 | 1650 | | | | | | | | | |
| 6 | Arahar/Tur | | 3200 ^a | 3850 | 4300 | 4350 | 4425 ^c | 4425 ^c | | | | | | | | | |
| 7 | Moong | | 3500 ^a | 4400 | 4500 | 4600 | 4650 ^c | 4650 ^c | | | | | | | | | |
| 8 | Urad | | 3300 ^a | 4300 | 4300 | 4350 | 4425 ^c | 4425 ^c | | | | | | | | | |
| 9 | Cotton | Medium Staple Long Staple | 2800 ^a 3300 ^{aa} | 3600 3900 | 3700 4000 | 3750 4050 | 3800 4100 | 3800 4100 | | | | | | | | | |
| 10 | Groundnut In Shell | | 2700 | 3700 | 4000 | 4000 | 4030 | 4030 | | | | | | | | | |
| 11 | Sunflower Seed | | 2800 | 3700 | 3700 | 3750 | 3800 | 3800 | | | | | | | | | |
| 12 | Soyabean | Black Yellow | 1650 1690 | 2200 2240 | 2500 2560 | 2500 2560 | - | - | 2600\$\$ | 2600\$\$ | | | | | | | |
| 13 | Sesamum | | 3400 | 4200 | 4500 | 4600 | 4700 | 4700 | | | | | | | | | |
| 14 | Nigerseed | | 2900 | 3500 | 3500 | 3600 | 3650 | 3650 | | | | | | | | | |

Contd..

Table 8.1 (*Contd.*)

| Sl. No. | Commodity | Variety | 2011-12 | | 2012-13 | | 2013-14 | | 2014-15 | | 2015-16 | |
|--------------------|-----------------------------------|--------------|---------|-----|---------|-----|---------|-----|---------|-----|---------|--|
| | | | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | | |
| Rabi Crops | | | | | | | | | | | | |
| 15 | Wheat | | 1285 | | 1350 | | 1400 | | 1450 | | 1525 | |
| 16 | Barley | | 980 | | 980 | | 1100 | | 1150 | | 1225 | |
| 17 | Gram | | 2800 | | 3000 | | 3100 | | 3175 | | 3425** | |
| 18 | Masur (Lentil) | | 2800 | | 2900 | | 2950 | | 3075 | | 3325** | |
| 19 | Rapeseed/Mustard | | 2500 | | 3000 | | 3050 | | 3100 | | 3350 | |
| 20 | Safflower | | 2500 | | 2800 | | 3000 | | 3050 | | 3300 | |
| 21 | Toria | | 2425 | | 2970 | | 3020 | | 3020 | | | |
| Other Crops | | | | | | | | | | | | |
| 22 | Copra (Calendar Year) | Milling Ball | 4525 | | 5100 | | 5250 | | 5250 | | 5550 | |
| | | | 4775 | | 5350 | | 5500 | | 5500 | | 5830 | |
| 23 | De-Husked Coconut (Calendar Year) | | 1200 | | 1400 | | 1425 | | 1425 | | 1500 | |
| 24 | Jute | | 1675 | | 2200 | | 2300 | | 2400 | | 2700 | |
| 25 | Sugarcane* | | 145.00 | | 170.00 | | 210.00 | | 220.00 | | 230.00 | |

Source: Directorate of Economics & Statistics, DAC & FW

Figures in brackets indicate percentage increase.

* Fair and remunerative price.

¶ Additional incentive at the rate of Rs. 500 per quintal of tur, urad and moong sold to procurement agencies was payable during the harvest/arrival period of two months.

^a Staple length (mm) of 24.5 - 25.5 and Micronaire value of 4.3 - 5.1

^{aa} Staple length (mm) of 29.5 - 30.5 and Micronaire value of 3.5 - 4.3

^ Bonus of Rs. 200 per quintal is payable over and above the Minimum Support Price .

\$\$ Single Minimum Support Price has been fixed irrespective of the variety.

** Bonus of Rs. 75 per quintal is payable over and above the Minimum Support Price .

Table 8.2: Central Issue Prices of Rice, Wheat and Coarse grains
(₹ Per Quintal)

| Period | APL | | BPL | AAY (*) |
|----------------------------------|----------------------|-----------|----------------------|-----------|
| | Common* | Grade "A" | Common/ | Grade "A" |
| (1) | (2) | (3) | (4) | (5) |
| Rice | | | | |
| 01.12.1997 to 28.01.1999 | 550 | 700 | 350 | |
| 29.01.1999 to 31.3.2000 | 700 | 905 | 350 | |
| 01.04.2000 to 24.7.2000 | 1135 | 1180 | 590 | |
| 25.07.2000 to 11.07.2001 | 1087 | 1130 | 565 | 300 |
| 12.07.2001 to 31.03.2002 | 795 | 830 | 565 | 300 |
| 01.04.2002 to 30.06.2002 | 695 | 730 | 565 | 300 |
| 01.07.2002 to Till date | 795 | 830 | 565 | 300 |
| Wheat | | | | |
| 01.12.1997 to 28.01.1999 | 450 | | 250 | |
| 29.01.1999 to 31.03.1999 | 650 | | 250 | |
| 01.04.1999 to 31.03.2000 | 682 | | 250 | |
| 01.04.2000 to 24.07.2000 | 900 | | 450 | |
| 25.07.2000 to 11.07.2001 | 830 | | 415 | 200 |
| 12.07.2001 to 31.03.2002 | 610 | | 415 | 200 |
| 01.04.2002 to 30.06.2002 | 510 | | 415 | 200 |
| 01.07.2002 to till date | 610 | | 415 | 200 |
| Coarse Grains (₹ Per Kg.) | | | | |
| w.e.f. 16.11.2005 | 70% of economic cost | | 50% of economic cost | 2.00 |
| 2008-09 to till date | 4.50 | | 3.00 | 1.50 |

Source: Department of Food & Public Distribution

* Applicable only to J & K, H.P, North Eastern States, Sikkim and Jharkhand

(*) With effect from December, 2000.

Table 8.3: Cost Estimates of Principal Crops-2012-13

| Crop | State | Cost of Cultivation ₹ / Hectare) | | Cost of Production (₹ / Quintal) | Yield (QtL/Ha.) |
|--------------------------------|------------------|-------------------------------------|----------|--|--------------------|
| | | A2+FL | C2 | | |
| (1) | (2) | (3) | (4) | (5) | (6) |
| I. Foodgrains : Cereals | | | | | |
| Paddy | Andhra Pradesh | 42669.85 | 68149.69 | 1135.01 | 56.96 |
| | Assam | 26800.39 | 34704.14 | 1019.63 | 31.41 |
| | Bihar | 23771.24 | 30647.28 | 1081.16 | 24.26 |
| | Chhattisgarh | 22802.35 | 34687.88 | 962.25 | 33.20 |
| | Gujarat | 34263.06 | 44887.06 | 1299.64 | 27.89 |
| | Haryana | 36706.63 | 59230.60 | 1248.26 | 46.86 |
| | Himachal Pradesh | 18151.47 | 25265.42 | 977.97 | 18.32 |
| | Jharkhand | 21824.21 | 28908.49 | 1470.53 | 15.81 |
| | Karnataka | 43324.00 | 62449.45 | 1287.87 | 43.68 |
| | Kerala | 44413.19 | 61404.39 | 1290.70 | 43.63 |
| | Madhya Pradesh | 23102.10 | 36466.08 | 1041.35 | 32.19 |
| | Maharashtra | 40162.17 | 52622.77 | 1353.73 | 33.28 |
| | Odisha | 31723.25 | 43661.65 | 1148.11 | 33.74 |
| | Punjab | 37103.96 | 64743.24 | 944.70 | 67.97 |
| | Tamil Nadu | 51157.05 | 65991.02 | 1255.27 | 48.95 |
| | Uttar Pradesh | 29436.98 | 43567.86 | 1018.13 | 40.99 |
| | Uttarakhand | 36518.69 | 44231.27 | 1239.35 | 33.36 |
| | West Bengal | 42770.22 | 55982.79 | 1236.05 | 39.50 |
| Wheat | Bihar | 21692.90 | 29583.67 | 862.77 | 26.64 |
| | Chhattisgarh | 17475.60 | 25891.43 | 1437.88 | 15.49 |
| | Gujarat | 29119.91 | 40173.07 | 1252.14 | 29.09 |
| | Haryana | 31895.91 | 53710.82 | 1040.78 | 41.41 |
| | Himachal Pradesh | 17047.97 | 25881.24 | 1434.29 | 13.57 |
| | Jharkhand | 20630.86 | 26752.09 | 976.89 | 22.96 |
| | Madhya Pradesh | 20973.23 | 37119.94 | 958.95 | 33.42 |
| | Maharashtra | 33191.10 | 44753.05 | 1605.32 | 26.93 |
| | Punjab | 26559.35 | 49070.38 | 972.25 | 45.89 |
| | Rajasthan | 30345.62 | 46569.10 | 913.28 | 41.57 |
| | Uttar Pradesh | 28062.10 | 43698.35 | 1042.66 | 34.43 |
| | Uttarakhand | 25698.59 | 36049.61 | 963.45 | 29.09 |
| | West Bengal | 32023.18 | 42265.79 | 1372.46 | 29.02 |
| Maize | Andhra Pradesh | 34990.18 | 54618.27 | 1089.54 | 47.66 |
| | Bihar | 22315.92 | 29272.42 | 782.18 | 32.03 |
| | Chhattisgarh | 16509.41 | 22784.15 | 1078.31 | 18.84 |

(Contd.)

Table 8.3 (*Contd.*)

| Crop | State | Cost of Cultivation ₹ / Hectare) | | Cost of Production ₹ / Quintal) | Yield (QtL./Ha.) |
|-------------------|------------------|-------------------------------------|----------|---------------------------------------|---------------------|
| | | A2+FL | C2 | | |
| (1) | (2) | (3) | (4) | (5) | (6) |
| | Gujarat | 27363.65 | 34388.14 | 1439.99 | 15.81 |
| | Himachal Pradesh | 17293.80 | 23802.89 | 1363.20 | 13.04 |
| | Karnataka | 26681.99 | 37983.20 | 1249.37 | 28.06 |
| | Madhya Pradesh | 19154.24 | 28675.52 | 971.57 | 25.91 |
| | Rajasthan | 29439.66 | 37008.69 | 1271.73 | 23.46 |
| | Tamil Nadu | 48514.15 | 65043.54 | 1189.00 | 53.00 |
| | Uttar Pradesh | 21750.82 | 31987.34 | 1453.77 | 18.64 |
| Jowar | Andhra Pradesh | 21895.80 | 32183.89 | 1392.23 | 19.56 |
| | Karnataka | 13491.81 | 18429.00 | 2007.08 | 7.82 |
| | Madhya Pradesh | 14425.54 | 20141.20 | 1254.54 | 13.74 |
| | Maharashtra | 26085.14 | 35737.68 | 2426.25 | 9.02 |
| | Tamil Nadu | 14652.72 | 21895.35 | 1556.65 | 5.43 |
| Bajra | Gujarat | 25204.78 | 34387.16 | 955.10 | 25.57 |
| | Haryana | 20365.35 | 30450.30 | 1416.09 | 17.63 |
| | Karnataka | 12564.21 | 15669.20 | 1696.12 | 8.32 |
| | Maharashtra | 21978.39 | 30786.45 | 1403.87 | 16.41 |
| | Rajasthan | 13722.93 | 17937.22 | 1275.15 | 8.39 |
| | Tamil Nadu | 20165.70 | 29781.63 | 1114.75 | 24.10 |
| | Uttar Pradesh | 16242.67 | 25507.81 | 911.61 | 22.08 |
| Barley | Rajasthan | 29318.83 | 44253.54 | 871.13 | 38.35 |
| | Uttar Pradesh | 26344.30 | 40535.52 | 1099.40 | 30.25 |
| Ragi | Andhra Pradesh | 29634.33 | 35543.74 | 2469.40 | 9.12 |
| | Karnataka | 27245.84 | 35938.20 | 2634.02 | 11.78 |
| | Maharashtra | 26769.77 | 32901.23 | 1521.86 | 20.78 |
| | Tamil Nadu | 32639.22 | 44123.82 | 1137.34 | 36.40 |
| | Uttarakhand | 34588.80 | 39426.06 | 1861.13 | 19.80 |
| II. Pulses | | | | | |
| Arhar | Andhra Pradesh | 24171.38 | 34541.06 | 4483.16 | 7.26 |
| | Bihar | 9029.63 | 16056.15 | 1745.23 | 8.00 |
| | Gujarat | 19523.93 | 25431.37 | 3746.87 | 6.35 |
| | Karnataka | 15564.25 | 27012.41 | 2785.02 | 9.04 |
| | Madhya Pradesh | 19493.77 | 28125.65 | 3101.50 | 8.76 |
| | Maharashtra | 41968.04 | 58795.49 | 3101.81 | 18.35 |
| | Odisha | 11874.83 | 16814.53 | 4314.35 | 3.74 |
| | Uttar Pradesh | 25324.93 | 42500.53 | 4104.70 | 8.78 |
| Gram | Andhra Pradesh | 21975.88 | 37350.47 | 2971.11 | 12.26 |
| | Bihar | 14983.91 | 21745.62 | 3440.76 | 6.04 |

(Contd.)

Table 8.3 (*Contd.*)

| Crop | State | Cost of Cultivation ₹ / Hectare) | | Cost of Production ₹ / Quintal) | Yield (Qtl./Ha.) |
|----------------------|----------------|-------------------------------------|----------|---------------------------------------|---------------------|
| | | A2+FL | C2 | | |
| (1) | (2) | (3) | (4) | (5) | (6) |
| | Chhattisgarh | 17397.02 | 25693.23 | 2541.49 | 9.75 |
| | Haryana | 15790.19 | 29328.78 | 2755.18 | 9.53 |
| | Karnataka | 17266.84 | 23948.02 | 3803.99 | 6.07 |
| | Madhya Pradesh | 19629.37 | 31604.71 | 2713.07 | 11.14 |
| | Maharashtra | 25153.54 | 34969.70 | 2964.75 | 11.47 |
| | Rajasthan | 17168.68 | 25768.76 | 2392.52 | 9.93 |
| | Uttar Pradesh | 19541.68 | 30678.58 | 3041.91 | 9.72 |
| Urad | Andhra Pradesh | 18490.69 | 31845.58 | 3028.73 | 10.43 |
| | Chhattisgarh | 12096.36 | 19582.44 | 1884.02 | 10.16 |
| | Madhya Pradesh | 12755.20 | 20158.02 | 2287.45 | 8.47 |
| | Maharashtra | 23723.74 | 28196.03 | 4412.66 | 6.27 |
| | Odisha | 10337.03 | 13917.74 | 4548.12 | 2.95 |
| | Rajasthan | 19754.07 | 25242.66 | 3235.99 | 6.99 |
| | Tamil Nadu | 17612.11 | 22721.21 | 5224.31 | 4.24 |
| | Uttar Pradesh | 12359.13 | 16340.69 | 4172.74 | 3.81 |
| Moong | Andhra Pradesh | 13694.73 | 20890.82 | 4607.75 | 4.52 |
| | Karnataka | 12191.27 | 16686.59 | 4375.04 | 3.57 |
| | Maharashtra | 26991.01 | 35204.77 | 4761.73 | 7.29 |
| | Odisha | 10967.69 | 15277.87 | 4855.53 | 3.04 |
| | Rajasthan | 14298.75 | 18252.97 | 5638.58 | 2.87 |
| | Tamil Nadu | 16621.73 | 20852.19 | 4682.33 | 4.41 |
| Lentil | Bihar | 11820.13 | 20509.40 | 2660.07 | 7.33 |
| | Madhya Pradesh | 12618.34 | 22439.21 | 2320.21 | 9.28 |
| | Uttar Pradesh | 16152.69 | 26928.14 | 2481.59 | 10.30 |
| | West Bengal | 20965.99 | 30408.69 | 2679.64 | 11.03 |
| III. Oilseeds | | | | | |
| Groundnut | Andhra Pradesh | 49003.18 | 81695.27 | 3665.66 | 21.20 |
| | Gujarat | 38139.75 | 48014.65 | 4904.58 | 8.24 |
| | Karnataka | 30943.87 | 41083.08 | 5396.57 | 6.86 |
| | Maharashtra | 45613.01 | 63610.79 | 3022.92 | 20.20 |
| | Odisha | 34471.05 | 50958.88 | 4041.87 | 12.25 |
| | Tamil Nadu | 49209.47 | 60949.53 | 3892.73 | 14.82 |
| R & M | Assam | 20016.97 | 25683.06 | 3325.94 | 7.72 |
| | Bihar | 19440.65 | 26639.72 | 2291.24 | 10.79 |

(Contd.)

Table 8.3 (*Contd.*)

| Crop | State | Cost of Cultivation ₹ / Hectare) | | Cost of Production ₹ / Quintal) | Yield (QtL./Ha.) |
|-----------|----------------|-------------------------------------|-----------|---------------------------------------|---------------------|
| | | A2+FL | C2 | | |
| (1) | (2) | (3) | (4) | (5) | (6) |
| | Gujarat | 20310.55 | 30352.12 | 2040.49 | 14.48 |
| | Haryana | 23057.07 | 45129.34 | 2688.87 | 15.59 |
| | Madhya Pradesh | 16618.33 | 32520.57 | 1971.82 | 15.71 |
| | Rajasthan | 20205.85 | 31256.29 | 2356.58 | 12.63 |
| | Uttar Pradesh | 21030.03 | 35731.08 | 2567.39 | 13.23 |
| | West Bengal | 26535.23 | 37829.63 | 2828.50 | 13.00 |
| Soyabean | Chhattisgarh | 14352.85 | 20439.99 | 2495.95 | 7.84 |
| | Madhya Pradesh | 19021.75 | 30941.30 | 2104.98 | 14.06 |
| | Maharashtra | 29480.10 | 40625.07 | 2336.84 | 17.01 |
| | Rajasthan | 17273.89 | 26172.15 | 1911.85 | 13.04 |
| Sunflower | Andhra Pradesh | 28381.95 | 39065.50 | 4004.39 | 9.73 |
| | Karnataka | 14220.58 | 19474.24 | 3493.49 | 5.50 |
| | Maharashtra | 24058.95 | 32968.44 | 2686.30 | 12.01 |
| Safflower | Maharashtra | 15176.87 | 21108.12 | 2073.49 | 10.00 |
| Nigerseed | Odisha | 11395.01 | 16731.36 | 3177.04 | 5.22 |
| Sesamum | Andhra Pradesh | 13041.40 | 19375.60 | 6349.80 | 3.05 |
| | Gujarat | 16057.56 | 21722.09 | 5485.26 | 3.91 |
| | Madhya Pradesh | 12877.97 | 23789.89 | 4122.06 | 5.63 |
| | Odisha | 9134.34 | 12859.94 | 5051.12 | 2.48 |
| | Rajasthan | 10713.77 | 14718.32 | 6446.78 | 2.21 |
| | Tamil Nadu | 22132.91 | 30317.96 | 6134.76 | 4.89 |
| | West Bengal | 21794.57 | 28384.74 | 3327.46 | 8.28 |
| Peas | Uttar Pradesh | 26560.91 | 37032.23 | 2802.04 | 12.66 |
| Sugarcane | Andhra Pradesh | 61322.72 | 91844.17 | 160.62 | 571.81 |
| | Haryana | 55523.63 | 108135.70 | 181.25 | 575.50 |
| | Karnataka | 54027.16 | 96254.48 | 129.48 | 725.79 |
| | Maharashtra | 113941.55 | 165962.40 | 151.64 | 1046.62 |
| | Tamil Nadu | 123842.79 | 157599.80 | 149.54 | 1038.07 |
| | Uttar Pradesh | 51047.90 | 88650.30 | 158.21 | 536.28 |
| | Uttarakhand | 42323.03 | 67602.06 | 127.61 | 503.64 |
| Cotton | Andhra Pradesh | 50948.24 | 70609.51 | 4088.93 | 17.27 |
| | Gujarat | 41873.40 | 54769.45 | 4346.97 | 12.37 |
| | Haryana | 43798.59 | 67129.55 | 3795.99 | 16.87 |
| | Karnataka | 30017.63 | 44434.84 | 3575.13 | 12.19 |
| | Madhya Pradesh | 24778.36 | 41431.84 | 2641.99 | 14.95 |
| | Maharashtra | 54030.37 | 71079.73 | 4120.27 | 16.91 |

(Contd.)

Table 8.3 (*Contd.*)

| Crop | State | Cost of Cultivation ₹ / Hectare) | | Cost of Production ₹ / Quintal) | Yield (Qtl./Ha.) |
|--------|------------------|-------------------------------------|-----------|---------------------------------------|---------------------|
| | | A2+FL | C2 | | |
| (1) | (2) | (3) | (4) | (5) | (6) |
| | Odisha | 34666.44 | 47892.63 | 4065.86 | 11.56 |
| | Punjab | 46363.91 | 73475.32 | 3744.83 | 18.59 |
| | Rajasthan | 39615.01 | 57655.99 | 2696.69 | 20.31 |
| | Tamil Nadu | 56281.42 | 72920.55 | 4493.82 | 16.19 |
| Jute | Assam | 49123.46 | 62695.97 | 2585.87 | 22.39 |
| | Odisha | 43873.43 | 55289.55 | 2530.53 | 20.26 |
| | West Bengal | 41737.62 | 58782.85 | 2089.83 | 24.71 |
| Onion | Andhra Pradesh | 48351.28 | 77536.38 | 630.02 | 122.77 |
| | Gujarat | 80561.46 | 103962.50 | 692.47 | 149.31 |
| | Karnataka | 21775.91 | 40923.88 | 962.04 | 42.40 |
| | Maharashtra | 73872.62 | 118792.30 | 485.86 | 242.33 |
| Potato | Bihar | 42227.75 | 49850.43 | 405.69 | 122.88 |
| | Himachal Pradesh | 44002.59 | 59498.13 | 1237.17 | 48.09 |
| | Uttar Pradesh | 58251.27 | 76262.22 | 492.52 | 154.84 |
| | West Bengal | 105525.36 | 133944.60 | 469.13 | 285.52 |

Source: Directorate of Economics & Statistics, DAC&FW

Note: 1. Cost A2 includes all actual expenses in cash and kind incurred in production by owner and rent paid for leased in land.

2. Cost C2 includes all actual expenses in cash and kind incurred in production by owner, interest on value of owned fixed capital assets (including land), rental value of owned land (net of land revenue), rent paid for leased in land and imputed value of fixed capital assets.

3. FL: Family Labour, is imputed on the basis of statutory wage rate or the actual market rate whichever is higher.

Table 8.4: Marketed Surplus Ratio (MSR) of Important Agricultural Commodities in various States (Based on Comprehensive Scheme for Studying Cost of Cultivation of Principal Crops in India)

| Group of Crops | State | MSR | | | | |
|--------------------------------|------------------|----------------|----------------|----------------|----------------|----------------|
| | | 2009-10 (2) | 2010-11 (3) | 2011-12 (4) | 2012-13 (5) | 2013-14 (6) |
| I. Foodgrains : Cereals | | | | | | |
| 1. Rice | Andhra Pradesh | 88.40 | 91.06 | 83.07 | 87.86 | 89.11 |
| | Assam | 45.14 | 38.54 | 40.16 | 50.91 | 50.78 |
| | Bihar | 83.57 | 77.50 | 78.90 | 82.49 | 81.79 |
| | Haryana | 94.63 | 97.09 | 98.57 | 93.47 | 93.87 |
| | Karnataka | 91.45 | 94.56 | 84.02 | 84.15 | 87.48 |
| | Kerala | 86.97 | 87.80 | 77.30 | 86.15 | 93.52 |
| | Madhya Pradesh | 73.12 | 73.77 | 83.99 | 87.91 | 90.77 |
| | Odisha | 65.33 | 67.43 | 59.34 | 73.96 | 70.37 |
| | Punjab | 99.57 | 99.70 | 99.36 | 99.48 | 97.02 |
| | Tamil Nadu | 88.76 | 90.70 | 92.45 | 91.08 | 91.58 |
| | Uttar Pradesh | 75.62 | 76.20 | 80.18 | 83.11 | 85.37 |
| | West Bengal | 67.33 | 67.72 | 54.73 | 67.48 | 68.02 |
| | All-India | 79.74 | 80.65 | 77.20 | 81.51 | 82.00 |
| 2. Wheat | Bihar | 70.20 | 74.58 | 78.03 | 81.30 | 80.47 |
| | Gujarat | 88.90 | 87.77 | 80.44 | 84.24 | 88.29 |
| | Haryana | 88.43 | 83.54 | 80.81 | 83.98 | 70.14 |
| | Himachal Pradesh | 46.09 | 39.48 | 48.68 | 58.30 | 52.61 |
| | Madhya Pradesh | 83.87 | 73.77 | 84.01 | 80.55 | 85.66 |
| | Punjab | 86.65 | 86.74 | 87.36 | 87.83 | 87.31 |
| | Rajasthan | 66.98 | 44.41 | 56.00 | 67.76 | 30.81 |
| | Uttar Pradesh | 55.46 | 66.99 | 52.32 | 70.15 | 69.64 |
| | All-India | 72.32 | 73.20 | 70.00 | 77.49 | 73.11 |

(Contd.)

Table 8.4 (*Contd.*)

| | | | | | | |
|-----------|------------------|--------------|--------------|--------------|--------------|--------------|
| 3. Maize | Andhra Pradesh | 99.63 | 90.81 | 96.01 | 90.71 | 100.00 |
| | Bihar | 81.77 | 87.19 | 81.32 | 89.77 | 83.50 |
| | Himachal Pradesh | 57.35 | 48.19 | 55.24 | 55.85 | 52.38 |
| | Karnataka | 96.30 | 98.26 | 88.62 | 96.12 | 96.67 |
| 4.Jowar | Madhya Pradesh | 59.86 | 77.02 | 88.45 | 92.58 | 90.26 |
| | Rajasthan | 74.83 | 67.77 | 54.66 | 50.00 | 52.05 |
| | Uttar Pradesh | 87.44 | 83.28 | 80.09 | 68.80 | 68.14 |
| | All-India | 86.75 | 86.00 | 83.32 | 84.32 | 86.98 |
| 5.Bajra | Andhra Pradesh | 56.43 | 31.61 | 65.49 | 51.18 | 95.51 |
| | Karnataka | 94.58 | 76.88 | 46.37 | 58.52 | 73.97 |
| | Madhya Pradesh | 79.42 | 68.39 | 73.44 | 89.32 | 85.66 |
| | Maharashtra | 51.35 | 56.87 | 48.06 | 60.98 | 62.06 |
| 6.Barley | Rajasthan | 87.99 | 64.86 | 66.17 | 76.42 | - |
| | All-India | 65.00 | 62.03 | 53.46 | 64.14 | 65.25 |
| | Gujarat | 77.30 | 84.00 | 72.50 | 86.35 | 77.39 |
| | Haryana | 91.04 | 80.93 | 83.77 | 91.71 | 86.15 |
| 7.Ragi | Maharashtra | 38.92 | 75.56 | 53.52 | 55.09 | 72.51 |
| | Rajasthan | 62.34 | 53.03 | 58.66 | 61.90 | 61.72 |
| | Uttar Pradesh | 80.97 | 81.60 | 81.67 | 83.79 | 77.68 |
| | All-India | 70.25 | 67.38 | 67.48 | 76.77 | 71.11 |
| All-India | Rajasthan | 83.81 | 86.08 | 79.25 | 85.00 | 87.53 |
| | Uttar Pradesh | 40.68 | 38.72 | 21.74 | 33.71 | 66.18 |
| | All-India | 67.91 | 73.81 | 59.78 | 67.39 | 80.63 |
| | Andhra Pradesh | - | - | - | - | - |
| All-India | Karnataka | 37.18 | 25.73 | 53.25 | 29.53 | 44.11 |
| | All-India | 37.18 | 25.73 | 53.25 | 29.53 | 44.11 |

(Contd.)

Table 8.4 (*Contd.*)

| Group of Crops | State | MSR | | | | |
|-------------------|------------------|--------------|--------------|--------------|--------------|--------------|
| | | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| II. Pulses | | | | | | |
| 8. Arhar | Karnataka | 89.67 | 87.15 | 89.16 | 96.34 | 97.81 |
| | Madhya Pradesh | 87.89 | 78.49 | 89.34 | 94.07 | 93.43 |
| | Maharashtra | 79.42 | 69.48 | 72.72 | 83.30 | 89.13 |
| | Odisha | 64.78 | 65.86 | 61.37 | 74.58 | 73.85 |
| | Uttar Pradesh | 34.29 | 65.40 | 95.10 | 67.24 | 53.54 |
| | All-India | 76.54 | 73.82 | 81.45 | 84.33 | 86.99 |
| 9. Gram | Bihar | 69.98 | 77.27 | 56.93 | 68.06 | 77.97 |
| | Madhya Pradesh | 98.64 | 92.92 | 88.75 | 89.04 | 90.30 |
| | Rajasthan | 70.61 | 86.46 | 88.62 | 80.23 | 91.23 |
| | Uttar Pradesh | 82.46 | 56.83 | 66.38 | 61.91 | 80.59 |
| | All-India | 89.50 | 86.68 | 85.25 | 83.67 | 89.58 |
| 10. Urad | Andhra Pradesh | 49.23 | 52.66 | 29.64 | 92.91 | 99.03 |
| | Madhya Pradesh | 88.39 | 89.79 | 88.43 | 98.05 | 93.09 |
| | Maharashtra | 27.14 | 7.03 | 70.97 | - | 56.02 |
| | Odisha | 73.03 | 76.04 | 64.36 | 70.55 | 70.06 |
| | Rajasthan | 86.45 | 73.96 | 87.82 | 78.55 | 48.00 |
| | Tamil Nadu | 99.08 | 99.49 | 98.55 | 89.34 | 96.86 |
| | Uttar Pradesh | 86.45 | 89.43 | 82.43 | 83.44 | 61.90 |
| | All-India | 70.37 | 63.61 | 70.04 | 77.76 | 80.71 |
| 11. Moong | Andhra Pradesh | 87.89 | 96.20 | 88.08 | 93.54 | 100.00 |
| | Maharashtra | 91.69 | 87.55 | 81.29 | 85.26 | 87.50 |

(Contd.)

Table 8.4 (*Contd.*)

| Group of Crops | State | MSR | | | | |
|------------------------|----------------------|--------------|--------------|--------------|--------------|--------------|
| | | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| 12. Lentil | Odisha | 61.96 | 69.60 | 65.59 | 73.88 | 79.34 |
| | Rajasthan | 81.28 | 76.16 | 91.59 | 83.57 | 94.27 |
| | All-India | 82.49 | 81.54 | 87.32 | 85.55 | 92.22 |
| 13. Groundnut | Bihar | 70.52 | 60.86 | 71.09 | 67.49 | 99.83 |
| | Madhya Pradesh | 93.57 | 98.27 | 89.55 | 96.00 | 95.48 |
| | Uttar Pradesh | 73.80 | 78.01 | 93.29 | 92.11 | 78.43 |
| | All-India | 79.43 | 77.91 | 88.14 | 88.75 | 90.23 |
| 14. Rapeseed & Mustard | III. Oilseeds | | | | | |
| | Andhra Pradesh | 93.58 | 96.82 | 79.24 | 94.40 | 88.71 |
| | Gujarat | 97.52 | 95.91 | 95.97 | 99.81 | 98.45 |
| | Karnataka | 85.88 | 92.70 | 95.36 | 84.81 | 93.95 |
| | Maharashtra | 62.30 | 54.75 | 58.79 | 75.71 | 71.14 |
| | Tamil Nadu | 99.42 | 98.49 | 95.14 | 97.14 | 97.60 |
| | All-India | 92.90 | 93.36 | 90.78 | 93.54 | 95.20 |
| 15. Soyabean | Gujarat | 91.27 | 96.07 | 98.87 | 95.40 | 99.92 |
| | Haryana | 94.77 | 99.44 | 79.48 | 93.64 | 97.52 |
| | Madhya Pradesh | 97.38 | 82.03 | 89.51 | 97.49 | 98.31 |
| | Rajasthan | 86.51 | 77.12 | 87.54 | 94.60 | 95.50 |
| | Uttar Pradesh | 79.97 | 80.31 | 53.47 | 68.49 | 78.92 |
| | West Bengal | 65.85 | 87.40 | 67.71 | 71.26 | 92.56 |
| | All-India | 87.21 | 82.14 | 82.08 | 90.41 | 94.49 |
| | Madhya Pradesh | 95.87 | 95.69 | 94.41 | 95.32 | 90.91 |
| | Maharashtra | 80.12 | - | - | - | 100.00 |

(Contd.)

Table 8.4 (*Contd.*)

| Group of Crops | State | MSR | | | | |
|-----------------------------------|----------------|---------------|--------------|--------------|--------------|--------------|
| | | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| 16. Sunflower | All-India | 91.84 | 95.69 | 94.41 | 95.32 | 95.23 |
| | Andhra Pradesh | 100.00 | 100.00 | - | 100.00 | - |
| | Karnataka | 99.03 | 99.12 | 100.00 | 98.76 | 99.29 |
| | Maharashtra | 100.00 | 100.00 | 91.23 | 100.00 | - |
| 17. Sesamum | All-India | 99.57 | 99.58 | 65.62 | 99.18 | 65.42 |
| | Gujarat | 98.28 | 99.33 | 99.51 | 99.04 | 99.02 |
| | Madhya Pradesh | 90.49 | 92.75 | 92.93 | 96.77 | 96.52 |
| | Odisha | 70.95 | 70.90 | 89.91 | - | - |
| | Rajasthan | 98.16 | 68.49 | 88.02 | 80.06 | 82.86 |
| 18. Safflower | All-India | 94.73 | 83.18 | 92.79 | 89.00 | 92.91 |
| | Karnataka | 73.11 | 55.12 | - | - | - |
| | Maharashtra | - | - | - | - | - |
| 19. Nigercseed | All-India | 73.11 | 55.12 | - | - | - |
| | Madhya Pradesh | 91.77 | 60.61 | - | - | - |
| | Odisha | 86.13 | 97.33 | 94.67 | 97.67 | - |
| IV. Other Commercial Crops | | 88.60 | 83.66 | 94.67 | 97.67 | - |
| 20. Sugarcane | All-India | 99.91 | 99.92 | - | 99.91 | - |
| | Andhra Pradesh | - | - | 100.00 | 100.00 | 64.00 |
| | Haryana | 100.00 | 100.00 | 100.00 | 98.80 | 98.85 |
| | Karnataka | 85.71 | 85.71 | 85.71 | 85.71 | - |
| | Uttar Pradesh | 100.00 | 78.90 | 78.02 | 77.84 | 21.62 |

(Contd.)

Table 8.4 (*Contd.*)

| Group of Crops | State | MSR | | | | |
|----------------|----------------|--------------|--------------|--------------|---------------|---------------|
| | | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| 21. Cotton | Gujarat | 98.57 | 99.88 | 99.33 | 99.68 | 95.79 |
| | Haryana | 86.74 | 99.40 | 96.88 | 99.05 | 98.96 |
| | Karnataka | 97.64 | 99.03 | 99.10 | 97.74 | 99.32 |
| | Madhya Pradesh | 99.82 | 100.00 | 100.00 | 99.96 | 100.00 |
| | Rajasthan | 79.12 | 100.00 | 89.56 | 99.01 | 100.00 |
| | All-India | 95.37 | 99.79 | 98.36 | 99.41 | 97.32 |
| 22. Jute | West Bengal | 91.46 | 99.43 | 83.50 | 100.00 | 100.00 |
| | All-India | 57.63 | 99.43 | 83.50 | 100.00 | 100.00 |
| V. Vegetables | | | | | | |
| 23. Onion | Karnataka | 99.66 | 97.25 | 75.36 | 99.23 | 99.29 |
| | All-India | 99.66 | 97.25 | 75.36 | 99.23 | 99.29 |
| 24. Potato | Bihar | 67.68 | 82.15 | 87.21 | 87.25 | 81.46 |
| | Uttar Pradesh | 86.95 | 83.66 | 77.37 | 95.93 | 99.19 |
| | West Bengal | 71.67 | 76.69 | 71.86 | 73.41 | - |
| | All-India | 76.34 | 81.04 | 77.40 | 86.47 | 61.35 |

Source: Directorate of Economics & Statistics, DAC&FW*Note:* All India figures are weighted average of States listed above.

- Not Reported

9

Procurement by Public Agencies

Table 9.1(a): State-wise Procurement of Rice and Wheat in Major Rice and Wheat Producing States (According to Marketing Year)

| State | 2004-05 | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 | 2015-16* |
|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) |
| Rice (Oct-Sept) | | | | | | | | | | | | |
| Punjab | 9106 | 8855 | 7829 | 7981 | 8554 | 9275 | 8634 | 7731 | 8558 | 8106 | 7786 | 8113 |
| Haryana | 1662 | 2054 | 1777 | 1574 | 1425 | 1819 | 1687 | 2007 | 2609 | 2406 | 2015 | 2754 |
| Uttar Pradesh | 2971 | 3151 | 2559 | 2891 | 4008 | 2901 | 2554 | 3555 | 2286 | 1127 | 1698 | 150 |
| Andhra Pradesh | 3906 | 4971 | 5328 | 7597 | 9058 | 7555 | 9609 | 7540 | 6464 | 3737 | 3587 | - |
| Telangana | - | - | - | - | - | - | - | - | - | 4353 | 3504 | 135 |
| Madhya Pradesh | 42 | 136 | 74 | 69 | 247 | 255 | 516 | 635 | 898 | 1045 | 807 | - |
| Odisha | 1590 | 1785 | 2002 | 2357 | 2801 | 2497 | 2465 | 2864 | 3613 | 2801 | 3487 | - |
| Tamil Nadu | 652 | 926 | 1077 | 969 | 1201 | 1241 | 1543 | 1596 | 481 | 684 | 1051 | - |
| West Bengal | 944 | 1275 | 642 | 1429 | 1743 | 1240 | 1310 | 2036 | 1766 | 1359 | 2031 | - |
| Chhattisgarh | 2837 | 3265 | 2865 | 2743 | 2848 | 3357 | 3746 | 4115 | 4804 | 4290 | 3423 | - |
| Uttarakhand | 316 | 336 | 176 | 147 | 349 | 375 | 422 | 378 | 497 | 463 | 465 | 35 |
| Others | 658 | 902 | 778 | 979 | 1870 | 1519 | 1712 | 2769 | 2044 | 1474 | 2307 | 84 |
| All-India | 24685 | 27657 | 25106 | 28736 | 34104 | 32034 | 34198 | 35041 | 34044 | 31845 | 32161 | 11271 |
| Wheat (April-March) | | | | | | | | | | | | |
| Punjab | 9240 | 9010 | 6946 | 6781 | 9941 | 10725 | 10209 | 10958 | 12834 | 10897 | 11641 | 10344 |
| Uttar Pradesh | 1741 | 560 | 49 | 546 | 3137 | 3882 | 1645 | 3461 | 5063 | 682 | 628 | 2267 |
| Haryana | 5115 | 4529 | 2229 | 3350 | 5237 | 6924 | 6347 | 6928 | 8665 | 5873 | 6495 | 6778 |
| Rajasthan | 279 | 159 | 2 | 383 | 935 | 1152 | 476 | 1303 | 1964 | 1268 | 2159 | 1300 |

(Contd.)

Table 9.1(a) (*Contd.*)

| State | 2004-05 | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 | 2015-16* |
|------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) |
| Chhattisgarh | Neg. | - | - | - | - | - | - | - | - | - | - | - |
| Uttarakhand | 54 | 41 | Neg. | 2 | 85 | 145 | 86 | 42 | 139 | 5 | 1 | 4 |
| Bihar | 15 | 1 | - | 8 | 500 | 497 | 183 | 557 | 772 | 0 | 0 | 0 |
| Chandigarh | - | - | - | - | 10 | 12 | 9 | 7 | 17 | 8 | 5 | 11 |
| Delhi | 2 | 3 | - | 1 | 6 | - | 10 | 8 | 31 | Neg. | 0 | 2 |
| Gujarat | - | - | - | - | 415 | 75 | 1 | 105 | 156 | 0 | 0 | 73 |
| Himachal Pradesh | Neg. | Neg. | - | - | Neg. | 1 | 1 | 1 | 1 | Neg. | Neg. | 0 |
| Jammu & Kashmir | Neg. | Neg. | - | - | 1 | 1 | - | - | 9 | 0 | 0 | 0 |
| Madhya Pradesh | 349 | 484 | neg | 57 | 2410 | 1968 | 3538 | 4965 | 8493 | 6355 | 7094 | 7309 |
| Maharashtra | - | - | - | - | 10 | - | - | - | 2 | 0 | 0 | 0 |
| Jharkhand | - | - | - | - | 2 | Neg. | Neg. | - | - | 0 | 0 | 0 |
| West Bengal | | | | | | | 9 | - | 2 | 2 | 0 | 0 |
| All-India | 16795 | 14787 | 9226 | 11128 | 22689 | 25382 | 22514 | 28335 | 38148 | 25092 | 28023 | 28088 |

Source : Department of Food and Public Distribution.

* Position as on 09.11.2015

Neg : Below 500 tonnes

Table 91 (b): State-wise Procurement of Coarse Grains in Major Producing States

| State (1) | 2005-06 (2) | 2006-07 (3) | 2007-08 (4) | 2008-09 (5) | 2009-10 (6) | 2010-11 (7) | 2011-12 (8) | 2012-13 (9) | 2013-14 (10) | 2014-15* (11) |
|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|------------------|
| Andhra Pradesh | 593.89 | 0.00 | 61.12 | 176.53 | 6.87 | 0.00 | 0.00 | 0.00 | 258.58 | 4.95 |
| Telangana | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Chhattisgarh | 8.74 | 0.00 | 2.34 | 8.81 | 1.04 | 2.61 | 1.00 | 0.00 | 1.20 | 0.00 |
| Gujarat | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Haryana | 4.90 | 0.00 | 123.64 | 310.48 | 77.00 | 73.65 | 17.00 | 0.00 | 0.00 | 0.00 |
| Karnataka | 446.00 | 0.00 | 13.95 | 712.38 | 315.56 | 39.94 | 1.00 | 0.00 | 654.81 | 142.79 |
| Madhya Pradesh | 3.01 | 0.00 | 0.75 | 59.91 | 0.29 | 8.91 | 17.00 | 7.97 | 86.05 | 303.49 |
| Maharashtra | 96.97 | 0.20 | 1.76 | 107.02 | 6.07 | 2.70 | Neg | 63.85 | 93.40 | 7.49 |
| Punjab | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Rajasthan | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| Bihar | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 1153.50 | 0.20 | 203.56 | 1375.12 | 406.83 | 127.83 | 36.00 | 71.83 | 1094.04 | 458.71 |

Source : Department of Food and Public Distribution.

* As on October-2015

Neg: Below 500 tonnes

Table 9.2 (a): Statement showing Cotton Purchases by Cotton Corporation of India

| States | 2010-11 | | | | | | 2011-12 | | | | | | 2012-13 | | | | | | 2013-14 | | | | | | 2014-15* | | | | | |
|----------------|-------------|----------------|----------------|-------------|---------------|---------------|----------------|--------------|----------------|--------------|---------------|---------------|----------------|-------------|----------------|-------------|----------------|-------------|----------------|-------------|----------------|-------------|----------------|-------------|----------------|-------------|----------------|-------------|----------------|---------|
| | MSP | | Comm. | | Total | | MSP | | Comm. | | Total | | MSP | | Comm. | | Total | | MSP | | Comm. | | Total | | MSP | | Comm. | | Total | |
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) | (17) | (18) | (19) | (20) | (21) | (22) | (23) | (24) | (25) | (26) | (27) | (28) | (29) | |
| Punjab | 0.00 | 100.78 | 100.78 | 0.00 | 11.76 | 11.76 | 0.00 | 18.44 | 18.44 | 0.00 | 70.27 | 70.27 | 127.72 | 0.00 | 127.72 | 0.00 | 127.72 | 0.00 | 127.72 | 0.00 | 127.72 | 0.00 | 127.72 | 0.00 | 127.72 | 0.00 | 127.72 | 0.00 | 127.72 | |
| Haryana | 0.00 | 72.60 | 72.60 | 0.00 | 0.00 | 0.00 | 0.00 | 6.82 | 6.82 | 0.00 | 11.84 | 11.84 | 79.90 | 0.00 | 79.90 | 0.00 | 79.90 | 0.00 | 79.90 | 0.00 | 79.90 | 0.00 | 79.90 | 0.00 | 79.90 | 0.00 | 79.90 | 0.00 | 79.90 | |
| Rajasthan | 0.00 | 97.63 | 97.63 | 0.00 | 4.88 | 4.88 | 0.00 | 20.80 | 20.80 | 0.00 | 16.69 | 16.69 | 87.87 | 0.00 | 87.87 | 0.00 | 87.87 | 0.00 | 87.87 | 0.00 | 87.87 | 0.00 | 87.87 | 0.00 | 87.87 | 0.00 | 87.87 | 0.00 | 87.87 | |
| Gujarat | 0.00 | 234.41 | 234.41 | 0.00 | 217.44 | 217.44 | 0.00 | 1.85 | 1.85 | 0.00 | 75.48 | 75.48 | 666.46 | 0.00 | 666.46 | 0.00 | 666.46 | 0.00 | 666.46 | 0.00 | 666.46 | 0.00 | 666.46 | 0.00 | 666.46 | 0.00 | 666.46 | 0.00 | 666.46 | |
| Maharashtra | 0.00 | 427.38 | 427.38 | 0.00 | 55.00 | 55.00 | 0.00 | 41.57 | 41.57 | 0.00 | 85.74 | 85.74 | 1763.19 | 0.00 | 1763.19 | 0.00 | 1763.19 | 0.00 | 1763.19 | 0.00 | 1763.19 | 0.00 | 1763.19 | 0.00 | 1763.19 | 0.00 | 1763.19 | 0.00 | 1763.19 | |
| Madhya Pradesh | 0.00 | 51.85 | 51.85 | 0.01 | 0.88 | 0.89 | 0.00 | 3.55 | 0.05 | 0.00 | 3.61 | 0.00 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | |
| Andhra Pradesh | 0.00 | 341.41 | 341.41 | 0.00 | 0.00 | 0.00 | 0.00 | 2174.89 | 0.00 | 2174.89 | 40.81 | 130.39 | 171.20 | 1755.56 | 0.00 | 1755.56 | 0.00 | 1755.56 | 0.00 | 1755.56 | 0.00 | 1755.56 | 0.00 | 1755.56 | 0.00 | 1755.56 | 0.00 | 1755.56 | 0.00 | 1755.56 |
| Karnataka | 0.00 | 21.33 | 21.33 | 7.57 | 41.74 | 49.31 | 16.36 | 0.00 | 16.36 | 0.00 | 6.69 | 6.69 | 139.28 | 0.00 | 139.28 | 0.00 | 139.28 | 0.00 | 139.28 | 0.00 | 139.28 | 0.00 | 139.28 | 0.00 | 139.28 | 0.00 | 139.28 | 0.00 | 139.28 | |
| Tamil Nadu | 0.15 | 0.00 | 0.15 | 0.00 | 4.96 | 4.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| West Bengal | 0.00 | 0.00 | 0.00 | 0.00 | 3.96 | 3.96 | 0.26 | 0.00 | 0.26 | 0.00 | 0.18 | 0.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Odisha | 0.00 | 18.60 | 18.60 | 0.12 | 0.00 | 0.12 | 50.05 | 0.00 | 50.05 | 0.00 | 4.58 | 4.58 | 102.99 | 0.00 | 102.99 | 0.00 | 102.99 | 0.00 | 102.99 | 0.00 | 102.99 | 0.00 | 102.99 | 0.00 | 102.99 | 0.00 | 102.99 | 0.00 | 102.99 | |
| Telangana | - | - | - | - | - | - | - | - | - | - | - | - | 3690.95 | 0.00 | 3690.95 | 0.00 | 3690.95 | 0.00 | 3690.95 | 0.00 | 3690.95 | 0.00 | 3690.95 | 0.00 | 3690.95 | 0.00 | 3690.95 | 0.00 | 3690.95 | |
| Total | 0.15 | 1365.99 | 1366.14 | 7.70 | 340.61 | 348.31 | 2286.69 | 47.96 | 2334.64 | 40.81 | 402.06 | 442.87 | 8695.79 | 0.00 | 8695.79 | |

Source : Cotton Corporation of India Ltd

* As on 28/5/2015

Table 92 (b): Procurement of Cotton by NAFED

| States (1) | 2010-11 | | | | | | 2011-12 | | | | | | 2012-13 | | | | | | 2013-14 | | | | | |
|----------------|-------------|-------------|-------------------|-------------|---------------|-------------|-------------------|-------------|------------|------------|-------------------|-------------|-------------|-------------|-------------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|--------------------|------------|
| | MSP (2) | | Commercial (3) | | MSP (4) | | Commercial (5) | | MSP (6) | | Commercial (7) | | MSP (8) | | Commercial (9) | | MSP (10) | | Commercial (11) | | MSP (12) | | Commercial (13) | |
| | MSP | Commercial | MSP | Commercial | MSP | Commercial | MSP | Commercial | MSP | Commercial | MSP | Commercial | MSP | Commercial | MSP | Commercial | MSP | Commercial | MSP | Commercial | MSP | Commercial | MSP | Commercial |
| Maharashtra | 0.00 | 0.00 | 0.00 | 0.00 | 2.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Gujarat | 0.00 | 1.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Andhra Pradesh | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 294.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Total | 0.00 | 1.67 | 0.00 | 0.00 | 296.98 | 0.00 | 0.00 | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |

Source : National Agricultural Cooperative Marketing Federation of India Ltd (NAFED)

* As on 28-5-2015

Table 9.3: State-wise Procurement of Raw Jute

| State | 2010-11 (Commercial) | | | 2011-12 (MSP) | | | 2011-12 (Commercial) | | | 2012-13 (MSP) | | |
|----------------|----------------------|-------------|-------|---------------|-------------|-------|----------------------|-------------|-------|---------------|-------------|-------|
| | JCI | Cooperative | Total | JCI | Cooperative | Total | JCI | Cooperative | Total | JCI | Cooperative | Total |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) |
| West Bengal | 0.21 | 0.00 | 0.21 | 0.88 | 0.04 | 1.09 | 0.18 | 0.00 | 1.30 | 2.12 | 0.25 | 2.37 |
| Bihar | 0.02 | 0.00 | 0.02 | 0.21 | 0.05 | 0.24 | 0.07 | 0.00 | 0.36 | 0.33 | 0.00 | 0.33 |
| Assam | 0.11 | 0.00 | 0.11 | 0.18 | 0.00 | 0.29 | 0.00 | 0.00 | 0.29 | 0.41 | 0.00 | 0.41 |
| Meghalaya | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Odisha | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.00 | 0.00 | 0.01 | 0.03 | 0.00 | 0.03 |
| Andhra Pradesh | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 0.00 | 0.06 |
| Tripura | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 |
| Total | 0.34 | 0.00 | 0.34 | 1.29 | 0.09 | 1.63 | 0.25 | 0.00 | 1.97 | 2.94 | 0.25 | 3.20 |

(Contd.)

| State | 2012-13 (Commercial) | | | 2013-14 (MSP) | | | 2013-14 (Commercial) | | | 2014-15 (MSP) | | |
|----------------|----------------------|-------------|-------|---------------|-------------|-------|----------------------|-------------|-------|---------------|-------------|-------|
| | JCI | Cooperative | Total | JCI | Cooperative | Total | JCI | Cooperative | Total | JCI | Cooperative | Total |
| (1) | (14) | (15) | (16) | (17) | (18) | (19) | (20) | (21) | (22) | (23) | (24) | (25) |
| West Bengal | 0.34 | 0.00 | 0.34 | 0.49 | 0.01 | 0.83 | 0.39 | 0.00 | 1.23 | 0.15 | 0.00 | 0.15 |
| Bihar | 0.08 | 0.00 | 0.08 | 0.20 | 0.00 | 0.27 | 0.13 | 0.00 | 0.40 | 0.00 | 0.00 | 0.00 |
| Assam | 0.03 | 0.00 | 0.03 | 0.66 | 0.00 | 0.69 | 0.00 | 0.00 | 0.69 | 0.00 | 0.00 | 0.00 |
| Meghalaya | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Odisha | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 |
| Andhra Pradesh | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 |
| Tripura | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.44 | 0.00 | 0.44 | 1.37 | 0.01 | 1.81 | 0.52 | 0.00 | 2.34 | 0.15 | 0.00 | 0.15 |

Source: Jute Corporation of India Ltd, Ministry of Textiles

Table 9.4: Procurement of Oilseeds by NAFED under Price Support Scheme (PSS)

| S. No. | Commodity Year | Support Price ₹ Per Qtl for FAQ | Quantity procured in MTs. | Value ₹ Lakhs. | Major States of Procurement |
|--------------------------|----------------|---------------------------------------|---------------------------------|-------------------|--|
| (1) | (2) | (3) | (4) | (5) | (6) |
| 1. Soyabean | | | | | |
| | 2009-10 | 1390 | NIL | NIL | |
| | 2010-11 | 1440 | NIL | NIL | |
| | 2011-12 | 1690 | NIL | NIL | |
| | 2012-13 | 2240 | NIL | NIL | |
| | 2013-14 | 2560 | NIL | NIL | |
| | 2014-15 | 2560 | NIL | NIL | |
| 2. Groundnut | | | | | |
| | 2009-10 | 2100 | NIL | NIL | |
| | 2010-11 | 2300 | NIL | NIL | |
| | 2011-12 | 2700 | NIL | NIL | |
| | 2012-13 | 3700 | NIL | NIL | |
| | 2013-14* | 3700 | 830 | 307.10 | Odisha |
| | 2013-14 | 4000 | 333268 | 49367.51 | Rajasthan, Gujarat, Andhra Pradesh, Karnataka, Utter Pradesh, Maharashtra |
| | 2014-15 | 4000 | 6230 | 2491.92 | Odisha |
| 3. Safflower Seed | | | | | |
| | 2009-10 | 1680 | NIL | NIL | |
| | 2010-11 | 1800 | NIL | NIL | |
| | 2011-12 | 2500 | NIL | NIL | |
| | 2012-13 | 2800 | NIL | NIL | |
| | 2013-14 | 3000 | NIL | NIL | |
| | 2014-15 | 3050 | NIL | NIL | |
| 4. Mustard Seed | | | | | |
| | 2009-10 | 1830 | NIL | NIL | |
| | 2010-11 | 1850 | NIL | NIL | |
| | 2011-12 | 2500 | NIL | NIL | |
| | 2012-13 | 3000 | NIL | NIL | |
| | 2013-14 | 3050 | NIL | NIL | |
| | 2014-15 | 3100 | 1715 | 523.03 | Rajasthan |
| 5. Sunflower Seed | | | | | |
| | 2009-10 | 2215 | 3381 | 848.83 | Maharashtra, Karnataka, Haryana & Andhra Pradesh |

(Contd.)

Table 9.4 (*Contd.*)

| S. No. | Commodity Year | Support Price ₹ Per Qtl for FAQ | Quantity procured in MTs. | Value ₹ Lakhs. | Major States of Procurement |
|----------|----------------|---------------------------------|---------------------------|----------------|---|
| (1) | (2) | (3) | (4) | (5) | (6) |
| | 2010-11 | 2350 | 845 | 199.27 | Haryana, Odisha |
| | 2011-12 | 2800 | NIL | NIL | |
| | 2012-13 | 3700 | 1529 | 565.73 | Karnataka |
| | 2013-14 | 3700 | 4383 | 1621.71 | Odisha, Karnataka, Andhra Pradesh |
| | 2014-15 | 3750 | 4153 | 1536.69 | Odisha, Haryana |
| 6 | Copra | | | | |
| | 2009-10 | 4450 (Milling) | 61281 | 28948.39 | Kerala, Tamil Nadu, Andaman & Nicobar, Lakshadweep. |
| | | 4700 (Ball) | 1250 | 621.32 | Karnataka |
| | | 3900 (Spl.) | 2666 | 1099.17 | Andhra Pradesh |
| | 2010-11 | 4450 (Milling) | 30600 | 14531.76 | Kerala, Karnataka, Tamil Nadu, Lakshadweep |
| | | 4700 (Ball) | 895 | 444.87 | Karnataka |
| | 2011-12 | 4525 (Milling) | 343 | 182.76 | Andaman & Nicobar Islands |
| | | 4775 (Ball) | NIL | NIL | |
| | 2012-13 | 5100 (Milling) | 66453 | 33891.03 | Tamil Nadu, Lakshadweep, Kerala, Andhra Pradesh, Andaman & Nicobar |
| | | 5350 (Ball) | 9230 | 4938.04 | Karnataka and Kerala |
| | | 4335 (Spl.) | 49 | 21.44 | Andhra Pradesh |
| | 2013-14 | 5250 (Milling) | 4328.71 | 2272.58 | West Bengal, Tamil Nadu, Andaman & Nicobar, Kerala, Andhra Pradesh, Lakshadweep |
| | | 5500(Ball) | 29535 | 16244.25 | Karnataka |
| | 2014-15 | 5250 (Milling) | NIL | NIL | |
| | | 5500 (Ball) | NIL | NIL | |
| 7 | Sesamum | | | | |
| | 2009-10 | 2850 | NIL | NIL | |
| | 2010-11 | 2850 | 1885 | 537.12 | West Bengal |
| | 2011-12 | 3400 | NIL | NIL | |
| | 2012-13 | 4200 | NIL | NIL | |
| | 2013-14 | 4500 | NIL | NIL | |
| | 2014-15 | 4600 | NIL | NIL | |

Source : National Agricultural Cooperative Marketing Federation of India Ltd (NAFED)

* Purchased at MSP (Rs 3700/qtl) of 2012-13 for the year 2013-14

Table 9.5: Procurement of Onion by NAFED under Market Intervention Scheme

| Year (1) | Price (₹ Per Quintal) (2) | Quantity Procured (Tonnes) (3) | Value (₹ Lakh) (4) | Major States of Procurement (5) |
|-------------|---------------------------------|--------------------------------------|--------------------------|---------------------------------------|
| 1996-97 | 300 | 60 | 1.98 | Karnataka |
| 1999-00 | 250 | 65000 | 1625 | Maharashtra |
| 2000-01 | 0 | 0 | 0 | |
| 2001-02 | 0 | 0 | 0 | |
| 2002-03 | 0 | 0 | 0 | |
| 2003-04 | 0 | 0 | 0 | |
| 2004-05 | 280 | 5000 | 0.73 | Rajasthan |
| 2005-06 | 0 | 0 | 0 | |
| 2006-07 | 0 | 0 | 0 | |
| 2007-08 | 0 | 0 | 0 | |
| 2008-09 | 0 | 0 | 0 | |
| 2009-10 | 0 | 0 | 0 | |
| 2010-11 | 0 | 0 | 0 | |
| 2011-12 | 0 | 0 | 0 | |
| 2012-13 | 0 | 0 | 0 | |
| 2013-14 | 0 | 0 | 0 | |
| 2014-15 | 0 | 0 | 0 | |

Source : National Agricultural Cooperative Marketing Federation of India Ltd (NAFED)

10

Per Capita Net Availability

Table 10.1: Per Capita Net Availability of Foodgrains (Per Annum) in India
(Kgs Per Year)

| Year | Rice | Wheat | Other Cereals | Cereals | Gram | Pulses | Food Grains |
|---------|------|-------|---------------|---------|------|--------|-------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
| 1951 | 58.0 | 24.0 | 40.0 | 122.0 | 8.2 | 22.1 | 144.1 |
| 1956 | 68.7 | 22.5 | 40.7 | 131.9 | 10.6 | 25.7 | 157.6 |
| 1961 | 73.4 | 28.9 | 43.6 | 145.9 | 11.0 | 25.2 | 171.1 |
| 1966 | 59.1 | 34.8 | 37.5 | 131.4 | 6.7 | 17.6 | 149.0 |
| 1971 | 70.3 | 37.8 | 44.3 | 152.4 | 7.3 | 18.7 | 171.1 |
| 1976 | 68.5 | 29.1 | 39.2 | 136.8 | 7.4 | 18.5 | 155.3 |
| 1981 | 72.2 | 47.3 | 32.8 | 152.3 | 4.9 | 13.7 | 166.0 |
| 1985 | 68.9 | 50.6 | 32.1 | 151.6 | 4.7 | 13.9 | 165.5 |
| 1990 | 77.4 | 48.4 | 31.7 | 157.5 | 3.9 | 15.0 | 172.5 |
| 1991 | 80.9 | 60.0 | 29.2 | 171.0 | 4.9 | 15.2 | 186.2 |
| 1992 | 79.2 | 57.9 | 21.5 | 158.6 | 3.7 | 12.5 | 171.1 |
| 1993 | 73.4 | 51.2 | 31.6 | 156.2 | 3.9 | 13.2 | 169.4 |
| 1994 | 75.7 | 58.2 | 24.5 | 158.4 | 4.3 | 13.6 | 172.0 |
| 1995 | 80.3 | 63.0 | 23.7 | 167.0 | 5.4 | 13.8 | 180.8 |
| 1996 | 74.6 | 64.3 | 22.6 | 161.5 | 4.1 | 12.0 | 173.5 |
| 1997 | 78.1 | 65.4 | 26.6 | 170.1 | 4.5 | 13.5 | 183.6 |
| 1998 | 73.1 | 55.3 | 22.8 | 151.2 | 4.9 | 12.0 | 163.2 |
| 1999 | 74.2 | 59.2 | 23.1 | 156.7 | 5.3 | 13.3 | 170.0 |
| 2000 | 74.3 | 58.4 | 21.5 | 154.3 | 3.9 | 11.6 | 165.9 |
| 2001 | 69.5 | 49.6 | 20.5 | 141.0 | 2.9 | 10.9 | 151.9 |
| 2002 | 83.5 | 60.8 | 23.1 | 167.4 | 3.9 | 12.9 | 180.4 |
| 2003 | 66.2 | 65.8 | 17.1 | 149.1 | 3.1 | 10.6 | 159.7 |
| 2004 | 71.3 | 59.2 | 25.3 | 155.8 | 4.1 | 13.1 | 168.9 |
| 2005 | 64.7 | 56.3 | 21.7 | 142.7 | 3.9 | 11.5 | 154.2 |
| 2006 | 72.3 | 56.3 | 22.1 | 150.7 | 3.9 | 11.8 | 162.5 |
| 2007 | 70.8 | 57.6 | 20.3 | 148.7 | 4.3 | 12.9 | 161.6 |
| 2008 | 64.0 | 53.0 | 19.7 | 143.9 | 3.9 | 15.3 | 159.2 |
| 2009 | 68.8 | 56.5 | 23.3 | 148.6 | 4.7 | 13.5 | 162.1 |
| 2010 | 66.4 | 61.4 | 18.8 | 146.6 | 4.9 | 12.9 | 159.5 |
| 2011 | 66.3 | 59.7 | 23.9 | 149.9 | 5.3 | 15.7 | 165.6 |
| 2012 | 69.4 | 57.8 | 21.9 | 149.1 | 4.9 | 15.2 | 164.3 |
| 2013 | 58.3 | 53.2 | 19.2 | 130.7 | 5.6 | 15.8 | 146.5 |
| 2014(P) | 72.6 | 66.8 | 22.6 | 162.1 | 6.0 | 17.2 | 179.3 |

Source: Directorate of Economics and Statistics

(Contd.)

Table 10.1 (*Contd.*)

Note:- The net availability of foodgrains is estimated to be Gross Production (-) seed, feed & wastage, (-) exports (+) imports(+/-) change in stocks.

The net availability of foodgrains divided by the population estimates for a particular year indicate per capita availability of foodgrains in terms of kg/year. Net availability, thus worked out further divided by the number of days in a year, i.e., 365 days gives us net availability of foodgrains in terms of grams / day.

Figures in respect of per capita net availability given above are not strictly representative of actual level of consumption in the country especially as they do not take in to account any change in stocks in possession of traders, producers and consumers.

Foodgrains includes rice, wheat, other cereals and all pulses

P- Provisional

Table 10.2: Per Capita Net Availability of Foodgrains (Per Day) in India

(Grams)

| Year | Rice | Wheat | Other Cereals | Cereals | Gram | Pulses | Food Grains |
|---------|-------|-------|---------------|---------|------|--------|-------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
| 1951 | 158.9 | 65.7 | 109.6 | 334.2 | 22.5 | 60.7 | 394.9 |
| 1956 | 187.7 | 61.5 | 111.2 | 360.4 | 29.0 | 70.3 | 430.7 |
| 1961 | 201.1 | 79.1 | 119.5 | 399.7 | 30.2 | 69.0 | 468.7 |
| 1966 | 161.9 | 95.4 | 102.6 | 359.9 | 18.3 | 48.2 | 408.1 |
| 1971 | 192.6 | 103.6 | 121.4 | 417.6 | 20.0 | 51.2 | 468.8 |
| 1976 | 187.2 | 79.5 | 107.4 | 373.8 | 20.2 | 50.5 | 424.3 |
| 1981 | 197.8 | 129.6 | 89.9 | 417.3 | 13.4 | 37.5 | 454.8 |
| 1985 | 188.8 | 138.6 | 87.9 | 415.3 | 12.9 | 38.1 | 453.4 |
| 1990 | 212.1 | 132.6 | 86.8 | 431.5 | 10.7 | 41.1 | 472.6 |
| 1991 | 221.7 | 166.8 | 80.0 | 468.5 | 13.4 | 41.6 | 510.1 |
| 1992 | 217.0 | 158.6 | 58.9 | 434.5 | 10.1 | 34.3 | 468.8 |
| 1993 | 201.1 | 140.2 | 86.6 | 427.9 | 10.7 | 36.2 | 464.1 |
| 1994 | 207.4 | 159.5 | 67.1 | 434.0 | 11.8 | 37.2 | 471.2 |
| 1995 | 220.0 | 172.7 | 64.9 | 457.6 | 14.9 | 37.8 | 495.5 |
| 1996 | 204.4 | 176.0 | 62.0 | 442.5 | 11.3 | 32.7 | 475.2 |
| 1997 | 214.0 | 179.1 | 72.9 | 466.0 | 12.4 | 37.1 | 503.1 |
| 1998 | 200.3 | 151.5 | 62.4 | 414.2 | 13.4 | 32.8 | 447.0 |
| 1999 | 203.4 | 162.3 | 63.4 | 429.2 | 14.6 | 36.5 | 465.7 |
| 2000 | 203.7 | 160.0 | 59.0 | 422.7 | 10.8 | 31.8 | 454.4 |
| 2001 | 190.5 | 135.8 | 56.2 | 386.2 | 8.0 | 30.0 | 416.2 |
| 2002 | 228.7 | 166.6 | 63.4 | 458.7 | 10.7 | 35.4 | 494.1 |
| 2003 | 181.4 | 180.4 | 46.7 | 408.5 | 8.5 | 29.1 | 437.6 |
| 2004 | 195.4 | 162.2 | 69.3 | 426.9 | 11.2 | 35.8 | 462.7 |
| 2005 | 177.3 | 154.3 | 59.4 | 390.9 | 10.6 | 31.5 | 422.4 |
| 2006 | 198.0 | 154.3 | 60.5 | 412.8 | 10.7 | 32.5 | 445.3 |
| 2007 | 194.0 | 157.8 | 55.5 | 407.4 | 11.9 | 35.5 | 442.8 |
| 2008 | 175.4 | 145.1 | 54.1 | 394.2 | 10.6 | 41.8 | 436.0 |
| 2009 | 188.4 | 154.7 | 63.9 | 407.0 | 12.9 | 37.0 | 444.0 |
| 2010 | 182.0 | 168.2 | 51.4 | 401.7 | 13.5 | 35.4 | 437.1 |
| 2011 | 181.5 | 163.5 | 65.6 | 410.6 | 14.6 | 43.0 | 453.6 |
| 2012 | 190.2 | 158.4 | 60.0 | 408.6 | 13.5 | 41.7 | 450.3 |
| 2013 | 159.6 | 145.8 | 52.7 | 358.1 | 15.3 | 43.3 | 401.4 |
| 2014(P) | 199.0 | 183.1 | 62.0 | 444.1 | 16.3 | 47.2 | 491.2 |

Source: Directorate of Economics and Statistics

(Contd.)

Table 10.2 (*Contd.*)

Note:- The net availability of foodgrains is estimated to be Gross Production
(-) seed, feed & wastage, (-) exports (+) imports, (+/-) change in stocks.

The net availability of foodgrains divided by the population estimates for a particular year indicate per capita availability of foodgrains in terms of kg/year.

Net availability, thus worked out further divided by the number of days in a year i.e.,
365 days gives us net availability of foodgrains in terms of grams / day.

Figures in respect of per capita net availability given above are not strictly representative of actual level of consumption in the country especially as they do not take into account any change in stocks in possession of traders , producers and consumers.

Cereals includes rice,wheat and other cereals

Foodgrains includes rice, wheat,other cereals and all pulses

P- Provisional

Table 10.3: Per Capita Availability of Certain Important Articles of Consumption

| Year | Edible Oil ^a (kg.) | Vanaspati ^b (kg.) | Sugar (Nov-Oct) (kg.) ^c | Cloth (meters) ^d | | | Tea (gm) | Coffee ^f (gm) |
|---------|----------------------------------|---------------------------------|--|-----------------------------|----------|-------|-------------|-----------------------------|
| | | | | Cotton ^e | Man-made | Total | | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| 1960-61 | 3.2 | 0.8 | 4.8 | 13.8 | 1.2 | 15.0 | 296 | 80.0 |
| 1970-71 | 3.5 | 1.0 | 7.4 | 13.6 | 2.0 | 15.6 | 401 | 65.0 |
| 1971-72 | 3.0 | 1.1 | 6.8 | 12.4 | 2.2 | 14.6 | 426 | 65.0 |
| 1972-73 | 2.4 | 1.0 | 6.2 | 13.2 | 2.0 | 15.2 | 458 | 69.0 |
| 1973-74 | 3.4 | 0.8 | 6.1 | 12.0 | 1.9 | 13.9 | 492 | 64.0 |
| 1974-75 | 3.3 | 0.6 | 5.8 | 12.9 | 1.7 | 14.6 | 471 | 62.0 |
| 1975-76 | 3.5 | 0.8 | 6.1 | 12.6 | 2.0 | 14.6 | 446 | 62.0 |
| 1976-77 | 3.2 | 0.9 | 6.0 | 11.4 | 2.4 | 13.8 | 450 | 71.0 |
| 1977-78 | 3.8 | 0.9 | 7.2 | 9.5 | 4.0 | 13.5 | 516 | 73.0 |
| 1978-79 | 3.8 | 1.0 | 9.6 | 10.2 | 4.8 | 15.0 | 599 | 77.0 |
| 1979-80 | 3.7 | 1.0 | 7.8 | 10.1 | 4.6 | 14.7 | 521 | 73.0 |
| 1980-81 | 3.8 | 1.2 | 7.3 | 12.9 | 4.4 | 17.3 | 511 | 79.0 |
| 1981-82 | 5.1 | 1.3 | 8.2 | 12.2 | 4.9 | 17.1 | 466 | 79.0 |
| 1982-83 | 4.5 | 1.3 | 9.0 | 11.8 | 4.3 | 16.1 | 525 | 82.0 |
| 1983-84 | 5.8 | 1.2 | 10.5 | 12.6 | 4.7 | 17.3 | 519 | 78.0 |
| 1984-85 | 5.5 | 1.3 | 10.7 | 12.6 | 4.6 | 17.2 | 576 | 72.0 |
| 1985-86 | 5.0 | 1.3 | 11.1 | 15.4 | 6.1 | 21.5 | 589 | 71.0 |
| 1986-87 | 5.0 | 1.2 | 11.4 | 15.2 | 6.6 | 21.8 | 545 | 76.0 |
| 1987-88 | 5.8 | 1.2 | 11.7 | 14.0 | 7.0 | 21.0 | 592 | 72.0 |
| 1988-89 | 5.3 | 1.2 | 12.1 | 15.0 | 8.0 | 23.0 | 612 | 79.0 |
| 1989-90 | 5.3 | 1.1 | 12.3 | 14.6 | 8.1 | 22.7 | 571 | 65.0 |
| 1990-91 | 5.5 | 1.0 | 12.7 | 15.1 | 9.0 | 24.1 | 612 | 59.0 |
| 1991-92 | 5.4 | 1.0 | 13.0 | 13.7 | 9.2 | 22.9 | 655 | 64.0 |
| 1992-93 | 5.8 | 1.0 | 13.7 | 15.6 | 8.9 | 24.5 | 649 | 60.0 |
| 1993-94 | 6.1 | 1.0 | 12.5 | 15.9 | 10.3 | 26.2 | 667 | 56.0 |
| 1994-95 | 6.3 | 1.0 | 13.2 | 15.2 | 10.8 | 26.0 | 664 | 55.0 |
| 1995-96 | 7.0 | 1.0 | 14.1 | 16.3 | 11.7 | 28.0 | 646 | 55.0 |
| 1996-97 | 8.0 | 1.0 | 14.6 | 16.2 | 13.1 | 29.3 | 657 | 58.0 |
| 1997-98 | 6.2 | 1.0 | 14.5 | 15.9 | 15.0 | 30.9 | 635 | 58.0 |
| 1998-99 | 8.5 | 1.3 | 14.9 | 13.1 | 15.1 | 28.2 | 684 | 65.0 |
| 1999-00 | 9.0 | 1.4 | 15.6 | 14.2 | 16.4 | 30.6 | 642 | 55.0 |
| 2000-01 | 8.2 | 1.3 | 15.8 | 14.2 | 16.5 | 30.7 | 631 | 58.0 |
| 2001-02 | 8.8 | 1.4 | 16.0 | 14.8 | 17.2 | 32.0 | 650 | 67.0 |
| 2002-03 | 7.2 | 1.4 | 16.3 | 14.4 | 17.0 | 31.4 | 623 | 67.0 |
| 2003-04 | 9.9 | 1.2 | 16.1 | 13.4 | 17.6 | 31.0 | 662 | 70.0 |
| 2004-05 | 10.2 | 1.1 | 15.5 | 14.1 | 19.4 | 33.5 | 663 | 72.0 |

(Contd.)

Table 10.3 (*Contd.*)

| Year | Edible Oil ^a (kg.) | Vanaspati ^b (kg.) | Sugar (Nov-Oct) (kg.) ^c | Cloth (meters) ^d | | | Tea (gm) | Coffee ^f (gm) |
|---------|----------------------------------|---------------------------------|--|-----------------------------|----------|-------|-------------|-----------------------------|
| | | | | Cotton ^e | Man-made | Total | | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| 2005-06 | 10.6 | 1.1 | 16.3 | 16.4 | 19.7 | 36.1 | 687 | 75.0 |
| 2006-07 | 11.1 | 1.2 | 16.8 | 18.0 | 21.6 | 39.6 | 687 | 77.0 |
| 2007-08 | 11.4 | 1.2 | 17.8 | 19.0 | 22.8 | 41.9 | 701 | 80.0 |
| 2008-09 | 12.7 | 1.3 | 18.8 | 17.9 | 21.1 | 39.0 | 704 | 82.0 |
| 2009-10 | 13.3 | 1.1 | 17.9 | 19.7 | 23.4 | 43.1 | 709 | 86.0 |
| 2010-11 | 13.6 | 1.0 | 17.0 | 21.4 | 22.6 | 44.0 | 715 | 90.0 |
| 2011-12 | 13.8 | 1.0 | 18.7 | 19.8 | 20.7 | 40.5 | 728 | 95.0 |
| 2012-13 | 15.8 | 0.7 | 18.7 | 19.9 | 18.6 | 38.5 | 779 | 97.0 |
| 2013-14 | 16.8 | 0.8 | 19.5(P) | 19.8 | 16.4 | 36.2 | 744 | 100.0 |

Source: Economic Survey 2014-15

Note: a: Includes Groundnut Oil, Rapeseed and Mustard Oil, Sesamum Oil, Nigerseed Oil, Soyabean oil and Sunflower oil but excludes oil for manufacture of vanaspati.

b: Relates to calendar year.

c: Relates to actual releases for domestic consumption.

d: The data of cloth, prior to 1980-81 is calendar year wise, in meters up to 1984-85 and square meter from 1985-86 onwards.

e: Figures for blended/mixed fabrics were not separately available prior to 1969. These have been included under man-made fibre fabrics after 1969.

f: Figures upto 1971-72 relate to coffee season and thereafter on calendar year basis. The figures for 1972-73 correspond to 1973 and so on.

(P) Provisional

Table 10.4(a): Trends in percentage composition of consumer expenditure since 1993-94

| Item group | Rural | | | | | | Urban | | | | |
|--------------------------|--------------|--------------|-------------------------------------|--------------|--------------|--------------|-------------------------------------|--------------|--------------|--------------|---------|
| | 1993-94 | 1999-00* | Share in total consumer expenditure | | 1993-94 | 1999-00* | Share in total consumer expenditure | | 2004-05 | 2009-10 | 2011-12 |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | |
| Cereal | 24.2 | 22.2 | 18.0 | 15.6 | 12.0 | 14.0 | 12.4 | 10.1 | 9.1 | 7.3 | |
| Gram | 0.2 | 0.1 | 0.1 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | |
| Cereal substitutes | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 | |
| Pulses & products | 3.8 | 3.8 | 3.1 | 3.7 | 3.1 | 3.0 | 2.8 | 2.1 | 2.7 | 2.1 | |
| Milk & products | 9.5 | 8.8 | 8.5 | 8.6 | 9.1 | 9.8 | 8.7 | 7.9 | 7.8 | 7.8 | |
| Edible oil | 4.4 | 3.7 | 4.6 | 3.7 | 3.8 | 4.4 | 3.1 | 3.5 | 2.6 | 2.7 | |
| Egg fish & meat | 3.3 | 3.3 | 3.3 | 3.5 | 3.6 | 3.4 | 3.1 | 2.7 | 2.7 | 2.8 | |
| Vegetables | 6.0 | 6.2 | 6.1 | 6.2 | 4.8 | 5.5 | 5.1 | 4.5 | 4.3 | 3.4 | |
| Fruits & nuts | 1.7 | 1.7 | 1.9 | 1.6 | 1.9 | 2.7 | 2.4 | 2.2 | 2.1 | 2.3 | |
| Sugar | 3.1 | 2.4 | 2.4 | 2.4 | 1.8 | 2.4 | 1.6 | 1.5 | 1.5 | 1.2 | |
| Salt & spices | 2.7 | 3.0 | 2.5 | 2.4 | 2.4 | 2.0 | 2.2 | 1.7 | 1.5 | 1.7 | |
| Beverages, etc. | 4.2 | 4.2 | 4.5 | 5.6 | 5.8 | 7.2 | 6.4 | 6.2 | 6.3 | 7.1 | |
| Food total | 63.2 | 59.4 | 55.0 | 53.6 | 48.6 | 54.7 | 48.1 | 42.5 | 40.7 | 38.6 | |
| Pan, tobacco, intox. | 3.2 | 2.9 | 2.7 | 2.2 | 2.4 | 2.3 | 1.9 | 1.6 | 1.2 | 1.4 | |
| Fuel & light | 7.4 | 7.5 | 10.2 | 9.5 | 9.2 | 6.6 | 7.8 | 9.9 | 8.0 | 7.6 | |
| Clothing & bedding | 5.4 | 6.9 | 4.5 | 4.9 | 6.3 | 4.7 | 6.1 | 4.0 | 4.7 | 5.3 | |
| Footwear | 0.9 | 1.1 | 0.8 | 1.0 | 1.3 | 0.9 | 1.2 | 0.7 | 0.9 | 1.2 | |
| Misc. & services | 17.3 | 19.6 | 23.4 | 24.0 | 26.1 | 27.5 | 31.3 | 37.2 | 37.8 | 39.7 | |
| Durable goods | 2.7 | 2.6 | 3.4 | 4.8 | 6.1 | 3.3 | 3.6 | 4.1 | 6.7 | 6.3 | |
| Non-food total | 36.8 | 40.6 | 45.0 | 46.4 | 51.4 | 45.3 | 51.9 | 57.5 | 59.3 | 61.5 | |
| Total expenditure | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |

Source: National Sample Survey Office (NSSO)

* Uniform Reference Period (URP) estimates shown except for 1999-2000, for which only Mixed Reference Period (MRP) estimates are available.

Table 10.4(b): Per capita Consumption of Different Commodities

| Commodities | Year | Quantity in Kg/Litre/No. | | | |
|----------------------------------|---------|--------------------------|-------|-------------------------|--------|
| | | Qty. consumed in a month | | Qty. consumed per Annum | |
| | | Rural | Urban | Rural | Urban |
| (1) | (2) | (3) | (4) | (5) | (6) |
| Rice & its Products (Kg) | 1993-94 | 6.79 | 5.13 | 82.61 | 62.42 |
| | 1999-00 | 6.59 | 5.10 | 80.18 | 62.05 |
| | 2004-05 | 6.38 | 4.71 | 77.62 | 57.31 |
| | 2009-10 | 6.14 | 4.66 | 74.70 | 56.64 |
| | 2011-12 | 6.13 | 4.66 | 74.62 | 56.73 |
| Wheat Atta & its Products (Kg) | 1993-94 | 4.32 | 4.44 | 52.56 | 54.02 |
| | 1999-00 | 4.45 | 4.45 | 54.14 | 54.14 |
| | 2004-05 | 4.19 | 4.36 | 50.98 | 53.05 |
| | 2009-10 | 4.36 | 4.34 | 53.03 | 52.82 |
| | 2011-12 | 4.43 | 4.32 | 53.85 | 52.57 |
| Other cereals (Kg) | 1993-94 | 2.29 | 1.03 | 27.86 | 12.53 |
| | 1999-00 | 1.68 | 0.87 | 20.44 | 10.59 |
| | 2004-05 | 1.55 | 0.87 | 18.86 | 10.59 |
| | 2009-10 | 0.85 | 0.38 | 10.34 | 4.60 |
| | 2011-12 | 0.66 | 0.30 | 8.03 | 3.65 |
| All cereals (Kg) | 1993-94 | 13.40 | 10.60 | 163.03 | 128.97 |
| | 1999-00 | 12.72 | 10.42 | 154.76 | 126.78 |
| | 2004-05 | 12.12 | 9.94 | 147.46 | 120.94 |
| | 2009-10 | 11.35 | 9.37 | 138.08 | 114.05 |
| | 2011-12 | 11.22 | 9.28 | 136.51 | 112.91 |
| All pulses & pulse products (Kg) | 1993-94 | 0.76 | 0.86 | 9.25 | 10.46 |
| | 1999-00 | 0.84 | 1.00 | 10.22 | 12.17 |
| | 2004-05 | 0.71 | 0.82 | 8.64 | 9.98 |
| | 2009-10 | 0.65 | 0.79 | 7.92 | 9.60 |
| | 2011-12 | 0.78 | 0.90 | 9.53 | 10.96 |
| All edible oil (Kg) | 1993-94 | 0.37 | 0.56 | 4.50 | 6.81 |
| | 1999-00 | 0.50 | 0.72 | 6.08 | 8.76 |
| | 2004-05 | 0.48 | 0.66 | 5.84 | 8.03 |
| | 2009-10 | 0.64 | 0.82 | 7.74 | 9.95 |
| | 2011-12 | 0.67 | 0.85 | 8.20 | 10.38 |
| Banana (No.) | 1993-94 | 2.20 | 4.48 | 26.77 | 54.51 |
| | 1999-00 | 2.48 | 5.00 | 30.17 | 60.83 |
| | 2004-05 | 2.37 | 4.14 | 28.84 | 50.37 |
| | 2009-10 | 3.86 | 6.65 | 46.96 | 80.91 |
| | 2011-12 | 4.18 | 6.69 | 50.86 | 81.40 |
| Coconut (No.) | 1993-94 | 0.32 | 0.46 | 3.89 | 5.60 |
| | 1999-00 | 0.37 | 0.51 | 4.50 | 6.21 |
| | 2004-05 | 0.35 | 0.47 | 4.26 | 5.72 |
| | 2009-10 | 0.46 | 0.63 | 5.55 | 7.64 |
| | 2011-12 | 0.49 | 0.61 | 5.96 | 7.42 |
| Mango (Kg) | 1993-94 | 0.06 | 0.12 | 0.73 | 1.46 |
| | 1999-00 | 0.10 | 0.16 | 1.22 | 1.95 |
| | 2004-05 | 0.09 | 0.11 | 1.10 | 1.34 |
| | 2009-10 | 0.11 | 0.16 | 1.31 | 1.92 |

(Contd.)

Table 10.4 (b) (*Contd.*)

| Commodities | Year | Qty. consumed in a month | | Qty. consumed per Annum | |
|---------------------------|---------|--------------------------|-------|-------------------------|-------|
| | | Rural | Urban | Rural | Urban |
| (1) | (2) | (3) | (4) | (5) | (6) |
| Apple (Kg) | 1993-94 | 0.03 | 0.11 | 0.37 | 1.34 |
| | 1999-00 | | 0.08 | 0.00 | 0.97 |
| | 2004-05 | 0.03 | 0.12 | 0.37 | 1.40 |
| | 2009-10 | 0.05 | 0.16 | 0.55 | 1.92 |
| | 2011-12 | 0.06 | 0.19 | 0.71 | 2.32 |
| Groundnut (Kg) | 1993-94 | 0.03 | 0.04 | 0.37 | 0.49 |
| | 1999-00 | 0.05 | 0.06 | 0.61 | 0.73 |
| | 2004-05 | 0.05 | 0.08 | 0.61 | 0.97 |
| | 2009-10 | 0.05 | 0.07 | 0.61 | 0.82 |
| | 2011-12 | 0.06 | 0.09 | 0.77 | 1.06 |
| Vegetables* (Kg) | 1993-94 | 2.71 | 2.91 | 32.97 | 35.41 |
| | 1999-00 | 3.30 | 3.49 | 40.15 | 42.46 |
| | 2004-05 | 2.92 | 3.17 | 35.53 | 38.57 |
| | 2009-10 | 4.04 | 4.12 | 49.14 | 50.11 |
| | 2011-12 | 4.33 | 4.32 | 52.71 | 52.61 |
| Milk : liquid (litre) | 1993-94 | 3.94 | 4.89 | 47.94 | 59.50 |
| | 1999-00 | 3.79 | 5.10 | 46.11 | 62.05 |
| | 2004-05 | 3.87 | 5.11 | 47.09 | 62.17 |
| | 2009-10 | 4.12 | 5.36 | 50.09 | 65.19 |
| | 2011-12 | 4.33 | 5.42 | 52.72 | 65.97 |
| Eggs (No.) | 1993-94 | 0.64 | 1.48 | 7.79 | 18.01 |
| | 1999-00 | 1.09 | 2.06 | 13.26 | 25.06 |
| | 2004-05 | 1.01 | 1.72 | 12.29 | 20.93 |
| | 2009-10 | 1.73 | 2.67 | 21.08 | 32.53 |
| | 2011-12 | 1.94 | 3.18 | 23.60 | 38.69 |
| Fish (Kg) | 1993-94 | 0.18 | 0.20 | 2.19 | 2.43 |
| | 1999-00 | 0.21 | 0.22 | 2.56 | 2.68 |
| | 2004-05 | 0.20 | 0.21 | 2.45 | 2.51 |
| | 2009-10 | 0.27 | 0.24 | 3.27 | 2.90 |
| | 2011-12 | 0.27 | 0.25 | 3.24 | 3.07 |
| Goat meat/ mutton (Kg) | 1993-94 | 0.06 | 0.11 | 0.73 | 1.34 |
| | 1999-00 | 0.07 | 0.10 | 0.85 | 1.22 |
| | 2004-05 | 0.05 | 0.07 | 0.57 | 0.85 |
| | 2009-10 | 0.05 | 0.09 | 0.57 | 1.11 |
| | 2011-12 | 0.05 | 0.08 | 0.60 | 0.96 |
| Chicken (Kg) | 1993-94 | 0.02 | 0.03 | 0.24 | 0.37 |
| | 1999-00 | 0.04 | 0.06 | 0.49 | 0.73 |
| | 2004-05 | 0.05 | 0.09 | 0.61 | 1.03 |
| | 2009-10 | 0.12 | 0.18 | 1.50 | 2.19 |
| | 2011-12 | 0.18 | 0.24 | 2.17 | 2.91 |

Source: National Sample Survey Office (NSSO) (50, 55, 61, 66 & 68th Round)

* Includes potato, onion, brinjal, cauliflower, cabbage and tomato

11

Stock, Consumption and Storage Capacity

Table 11.1 (a) : Stock of Food grains in the Central Pool

| Year (1) | Rice (2) | Wheat (3) | Coarse Cereals (4) | Total (5) |
|-------------|---|--------------|-----------------------|--------------|
| | (As on 1st January) (Million Tonnes) | | | |
| 1991 | 9.63 | 9.38 | 0.12 | 19.13 |
| 1992 | 9.29 | 5.43 | 0.01 | 14.73 |
| 1993 | 9.48 | 3.47 | 0.18 | 13.13 |
| 1994 | 11.95 | 11.10 | 0.47 | 23.52 |
| 1995 | 17.42 | 12.88 | - | 30.30 |
| 1996 | 15.41 | 13.15 | - | 28.56 |
| 1997 | 12.94 | 7.08 | - | 20.02 |
| 1998 | 11.49 | 6.76 | - | 18.25 |
| 1999 | 11.68 | 12.70 | - | 24.38 |
| 2000 | 14.18 | 17.17 | - | 31.35 |
| 2001 | 20.70 | 25.04 | 0.03 | 45.77 |
| 2002 | 25.62 | 32.41 | 0.08 | 58.11 |
| 2003 | 19.37 | 28.83 | - | 48.20 |
| 2004 | 11.73 | 12.69 | 0.60 | 25.02 |
| 2005 | 12.76 | 8.93 | 0.00 | 21.70 |
| 2006 | 12.64 | 6.19 | 0.43 | 19.26 |
| 2007 | 11.98 | 5.43 | 0.09 | 15.50 |
| 2008 | 11.47 | 7.71 | 0.00 | 19.18 |
| 2009 | 17.58 | 18.21 | 0.40 | 36.19 |
| 2010 | 24.35 | 23.09 | 0.25 | 47.69 |
| 2011 | 25.58 | 21.54 | 0.10 | 47.22 |
| 2012 | 29.72 | 25.67 | 0.10 | 55.49 |
| 2013 | 32.22 | 34.38 | 0.09 | 66.69 |
| 2014 | 14.70 | 28.05 | 0.38 | 43.12 |
| 2015 | 11.74 | 25.11 | 0.25 | 37.10 |

Source : Department of Food & Public Distribution.

Table 11.1 (b) : Existing Buffer Stock Norms for Food grains
 (applicable since 22.01.2015)

| | Rice | Wheat | Total | (Million Tonnes) |
|-------------|-------|-------|-------|------------------|
| (1) | (2) | (3) | (4) | |
| 1st April | 13.58 | 7.46 | 21.04 | |
| 1st July | 13.54 | 27.58 | 41.12 | |
| 1st October | 10.25 | 20.52 | 30.77 | |
| 1st January | 7.61 | 13.80 | 21.41 | |

Source : Department of Food & Public Distribution.

Note: The above norms include a Food Security Reserve of 3 million tonnes of wheat and 2 million tonnes of rice

Table 11.2: Consumption and Stocks of Raw Jute

| Year (July-June) | (Lakh Bales of 180 Kgs.each) | |
|---------------------|------------------------------|----------------------------------|
| | Consumption (2) | Stocks (End of Season) (3) |
| (1) | | |
| 1982-83 | 75.60 | 18.98 |
| 1983-84 | 63.83 | 20.91 |
| 1984-85 | 78.33 | 7.50 |
| 1985-86 | 87.68 | 42.42 |
| 1986-87 | 82.00 | 43.00 |
| 1987-88 | 74.00 | 34.00 |
| 1988-89 | 84.50 | 20.50 |
| 1989-90 | 86.00 | 9.50 |
| 1990-91 | 87.40 | 16.10 |
| 1991-92 | 79.50 | 32.00 |
| 1992-93 | 85.00 | 25.00 |
| 1993-94 | 87.50 | 9.50 |
| 1994-95 | 85.50 | 9.00 |
| 1995-96 | 87.00 | 5.00 |
| 1996-97 | 91.10 | 18.50 |
| 1997-98 | 130.00 | 27.00 |
| 1998-99 | 97.00 | 22.00 |
| 1999-00 | 97.50 | 10.50 |
| 2000-01 | 97.50 | 7.00 |
| 2001-02 | 100.00 | 16.00 |
| 2002-03 | 101.00 | 34.00 |
| 2003-04 | 96.00 | 33.00 |
| 2004-05 | 98.00 | 27.00 |
| 2005-06 | 98.00 | 8.00 |
| 2006-07 | 89.00 | 23.00 |
| 2007-08 | 108.00 | 22.00 |
| 2008-09 | 98.00 | 8.00 |
| 2009-10 | 89.00 | 12.00 |
| 2010-11 | 97.00 | 22.50 |
| 2011-12 | 103.00 | 31.00 |
| 2012-13 | 104.00 | 29.00 |
| 2013-14 | 96.00 | 24.00 |
| 2014-15* | 100.00 | 15.00 |

Source : Jute Corporation of India , Kolkata

* Estimated

Table 11.3 (a) : State-wise Storage capacity

| Sr. No | State/UTs | March, 2013 | March, 2014 | (In Lakh MTs) March, 2015 |
|-------------------------|--------------------|---------------|---------------|------------------------------|
| (1) | (2) | (3) | (4) | (5) |
| 1 | Bihar | 11.21 | 11.50 | 10.49 |
| 2 | Odisha | 15.33 | 14.09 | 13.57 |
| 3 | West Bengal | 19.68 | 19.64 | 14.68 |
| 4 | Sikkim | 0.11 | 0.11 | 0.00 |
| 5 | Jharkhand | 1.69 | 2.11 | 2.95 |
| TOTAL EAST ZONE | | 48.02 | 47.46 | 41.69 |
| 6 | Assam | 6.07 | 6.25 | 5.76 |
| 7 | Arunanchal Pradesh | 0.23 | 0.23 | 0.28 |
| 8 | Tripura | 0.76 | 0.83 | 0.37 |
| 9 | Manipur | 0.30 | 0.31 | 0.32 |
| 10 | Nagaland | 0.46 | 0.46 | 0.33 |
| 11 | Mizoram | 0.26 | 0.26 | 0.25 |
| 12 | Meghalaya | 0.40 | 0.42 | 0.28 |
| TOTAL N.E. ZONE | | 8.48 | 8.77 | 7.59 |
| 13 | Delhi | 5.16 | 5.14 | 3.67 |
| 14 | Haryana | 57.66 | 64.78 | 107.77 |
| 15 | Himachal Pradesh | 0.45 | 0.45 | 0.51 |
| 16 | Jammu & Kashmir | 1.41 | 1.75 | 2.10 |
| 17 | Punjab | 168.10 | 182.66 | 240.00 |
| 18 | Chandigarh | 3.70 | 4.09 | 0.00 |
| 19 | Rajasthan | 38.78 | 39.88 | 25.49 |
| 20 | Uttar Pradesh | 102.63 | 91.59 | 57.53 |
| 21 | Uttarakhand | 2.73 | 2.84 | 3.67 |
| TOTAL NORTH ZONE | | 380.60 | 393.18 | 440.74 |
| 22 | Andhra Pradesh | 91.30 | 68.47 | 27.31 |
| 23 | Telangana | - | - | 19.79 |
| 24 | Kerala | 9.06 | 9.00 | 5.89 |
| 25 | Karnataka | 24.16 | 25.02 | 29.24 |
| 26 | Tamil Nadu | 23.36 | 24.41 | 17.58 |
| 27 | Puducherry | 0.84 | 0.84 | 0.00 |
| 28 | A&N Islands | 0.10 | 0.10 | 0.00 |
| 29 | Lakshadweep | 0.00 | 0.00 | 0.00 |
| TOTAL SOUTH ZONE | | 148.82 | 127.84 | 99.81 |
| 30 | Gujarat | 17.21 | 18.33 | 9.86 |
| 31 | Maharashtra | 50.66 | 53.43 | 31.79 |
| 32 | Goa | 0.50 | 0.50 | 0.20 |
| 33 | Madhya Pradesh | 59.20 | 68.63 | 59.17 |
| 34 | Chhattisgarh | 23.66 | 23.70 | 23.58 |
| 35 | Daman & Diu | 0.00 | 0.00 | 0.00 |
| 36 | D & N Haveli | 0.00 | 0.00 | 0.00 |
| TOTAL WEST ZONE | | 151.22 | 164.58 | 124.60 |
| GRAND TOTAL | | 737.14 | 741.83 | 714.43 |

Source: Deptt. of Food and Public Distribution

Note: Storage capacity pertains to FCI, CWC and SWC. It includes both Owned and Hired, Covered and Cap Storage

Table 11.3 (b) : State wise Cold Storage capacity as on 31.3.2015

| S. No. | Name of the State/UT | No. of Project | Capacity (MT) |
|------------------|----------------------|----------------|-----------------|
| (1) | (2) | (3) | (4) |
| 1 | Andaman & Nicobar | 2 | 210 |
| 2 | Andhra Pradesh | 413 | 1622320 |
| 3 | Arunachal Pradesh | 2 | 5000 |
| 4 | Assam | 35 | 126179 |
| 5 | Bihar | 304 | 1411395 |
| 6 | Chandigarh | 7 | 12462 |
| 7 | Chhattisgarh | 97 | 470546 |
| 8 | Delhi | 97 | 129857 |
| 9 | Goa | 29 | 7705 |
| 10 | Gujarat | 625 | 2323175 |
| 11 | Haryana | 307 | 638601 |
| 12 | Himachal Pradesh | 34 | 53009 |
| 13 | Jammu & Kashmir | 29 | 69769 |
| 14 | Jharkhand | 56 | 221680 |
| 15 | Karnataka | 192 | 536333 |
| 16 | Kerala | 197 | 78355 |
| 17 | Lakshadweep | 1 | 15 |
| 18 | Madhya Pradesh | 275 | 1168321 |
| 19 | Maharashtra | 555 | 762798 |
| 20 | Manipur | 1 | 2175 |
| 21 | Meghalaya | 4 | 8200 |
| 22 | Mizoram | 3 | 3931 |
| 23 | Nagaland | 2 | 6150 |
| 24 | Odisha | 120 | 366699 |
| 25 | Puducherry | 3 | 85 |
| 26 | Punjab | 617 | 2051377 |
| 27 | Rajasthan | 157 | 490888 |
| 28 | Sikkim | 3 | 2100 |
| 29 | Tamil Nadu | 165 | 304771 |
| 30 | Tripura | 14 | 45477 |
| 31 | Uttar Pradesh | 2209 | 13807762 |
| 32 | Uttrakhand | 30 | 89689 |
| 33 | West Bengal | 506 | 5912237 |
| All India | | 7091 | 32729271 |

Source: Directorate of Marketing and Inspection (DMI) upto 2009, National Horticulture Board (NHB), National Horticulture Mission (NHM) & Ministry of Food Processing Industries (MoFPI) afterwards.

Table 11.3 (c) : State-wise Storage capacity sanctioned since inception under AMI Sub-Scheme of ISAM
 (erstwhile Gramene Bhandaar Yojna)

| SINo | Name of State/UT' | Upto March, 2013 | | Upto March, 2014 | | Upto March, 2015 | |
|------|-------------------|--------------------------|---------------------------|--------------------------|---------------------------|--------------------------|---------------------------|
| | | No. of godown sanctioned | Capacity Sanctioned in MT | No. of godown sanctioned | Capacity Sanctioned in MT | No. of godown sanctioned | Capacity Sanctioned in MT |
| 1 | Andhra Pradesh | 1328 | 6079331 | 1726 | 7337677 | 1225* | 4833180* |
| 2 | Arunachal Pradesh | 1 | 945 | 1 | 945 | 1 | 945 |
| 3 | Assam | 246 | 536836 | 266 | 724806 | 266 | 724806 |
| 4 | Bihar | 901 | 345206 | 976 | 465616 | 990 | 487187 |
| 5 | Chhattisgarh | 454 | 1360836 | 519 | 1646450 | 525 | 1662791 |
| 6 | Goa | 3 | 290 | 1 | 299 | 1 | 299 |
| 7 | Gujarat | 8592 | 273223 | 9293 | 3029714 | 9908 | 3392032 |
| 8 | Haryana | 1973 | 4649807 | 2174 | 6205438 | 2198 | 6748691 |
| 9 | Himachal Pradesh | 55 | 7558 | 71 | 22347 | 78 | 24798 |
| 10 | Jammu & Kashmir | 6 | 30648 | 7 | 35648 | 7 | 35648 |
| 11 | Jharkhand | 9 | 34747 | 16 | 79918 | 18 | 93071 |
| 12 | Karnataka | 3888 | 2460633 | 4251 | 2933085 | 4421 | 3301374 |
| 13 | Kerala | 165 | 62414 | 211 | 72653 | 211 | 90842 |
| 14 | Madhya Pradesh | 2720 | 4268032 | 3127 | 6981671 | 3283 | 7805063 |
| 15 | Maharashtra | 2767 | 4093263 | 3037 | 4845976 | 3153 | 5255291 |
| 16 | Meghalaya | 16 | 20582 | 16 | 21012 | 16 | 21012 |

(Contd...)

Table 11.3 (*Contd.*)

| Sl.No | Name of State/UT | Upto March, 2013 | | Upto March, 2014 | | Upto March, 2015 | |
|--------------|------------------|--------------------------|---------------------------|--------------------------|---------------------------|--------------------------|---------------------------|
| | | No. of godown sanctioned | Capacity Sanctioned in MT | No. of godown sanctioned | Capacity Sanctioned in MT | No. of godown sanctioned | Capacity Sanctioned in MT |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
| 17 | Mizoram | 1 | 756 | 1 | 756 | 1 | 302 |
| 18 | Nagaland | 2 | 250 | 2 | 250 | 1 | 814 |
| 19 | Odisha | 392 | 700224 | 416 | 778369 | 419 | 781575 |
| 20 | Punjab | 1626 | 5755518 | 1671 | 6291363 | 1704 | 6376653 |
| 21 | Rajasthan | 1174 | 998485 | 1242 | 1508474 | 1360 | 2054217 |
| 22 | Tamil Nadu | 1006 | 918876 | 1037 | 1110793 | 1040 | 1122809 |
| 23 | Uttar Pradesh | 922 | 3869660 | 1064 | 4731145 | 1081 | 4936198 |
| 24 | Uttarakhand | 229 | 605183 | 265 | 784677 | 266 | 786138 |
| 25 | West Bengal | 2400 | 1158275 | 2467 | 1352308 | 2480 | 1394533 |
| 26 | Tripura | 1 | 996 | 2 | 7340 | 4 | 25756 |
| 27 | Telangana | 0 | 0 | 0 | 0 | 583 | 3496782 |
| 28 | UTs | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | | 30877 | 40691874 | 33859 | 50968730 | 34015 | 50619627 |

Source: Directorate of Marketing & Inspection

AMI: Agricultural Marketing Infrastructure

ISAM: Integrated Scheme for Agricultural Marketing

* Excluding Telangana state

12

Imports/ Exports/ Inflation Rates

Table 12.1: India's Imports and Exports of Agricultural Commodities

| Year | Agriculture Imports | Total National Imports | % of Agriculture Imports to Total National Imports | | Agriculture Exports | Total National Exports | % of Agriculture Exports to Total National Exports |
|------------|------------------------|---------------------------|--|-----------|------------------------|---------------------------|--|
| | | | (4) | (5) | | | |
| (1) | (2) | (3) | | | (6) | (7) | |
| 1990-91 | 1205.86 | 43170.82 | 2.79 | 6012.76 | 32527.28 | 18.49 | |
| 1991-92 | 1478.27 | 47850.84 | 3.09 | 7838.04 | 44041.81 | 17.80 | |
| 1992-93 | 2876.25 | 63374.52 | 4.54 | 9040.30 | 53688.26 | 16.84 | |
| 1993-94 | 2327.33 | 73101.01 | 3.18 | 12586.55 | 69748.85 | 18.05 | |
| 1994-95 | 5937.21 | 89970.70 | 6.60 | 13222.76 | 82673.40 | 15.99 | |
| 1995-96 | 5890.10 | 122678.14 | 4.80 | 20397.74 | 106353.35 | 19.18 | |
| 1996-97 | 6612.60 | 138919.88 | 4.76 | 24161.29 | 118817.32 | 20.33 | |
| 1997-98 | 8784.19 | 154176.29 | 5.70 | 24832.45 | 130100.64 | 19.09 | |
| 1998-99 | 14566.48 | 178331.69 | 8.17 | 25510.64 | 139751.77 | 18.25 | |
| 1999-00 | 16066.73 | 215528.53 | 7.45 | 25313.66 | 159095.20 | 15.91 | |
| 2000-01 | 12086.23 | 228306.64 | 5.29 | 28657.37 | 201356.45 | 14.23 | |
| 2001-02 | 16256.61 | 245199.72 | 6.63 | 29728.61 | 209017.97 | 14.22 | |
| 2002-03 | 17608.83 | 297205.87 | 5.92 | 34653.94 | 255137.28 | 13.58 | |
| 2003-04 | 21972.68 | 359107.66 | 6.12 | 36415.48 | 293366.75 | 12.41 | |
| 2004-05 | 22811.84 | 501064.54 | 4.55 | 41602.65 | 375339.53 | 11.08 | |
| 2005-06 | 15977.75 | 660408.90 | 2.42 | 456417.86 | 456417.86 | 10.02 | |
| 2006-07 | 23000.28 | 840506.31 | 2.74 | 57767.87 | 57767.87 | 10.10 | |
| 2007-08 | 22549.81 | 1012311.70 | 2.23 | 74673.48 | 655863.52 | 11.39 | |
| 2008-09 | 28719.24 | 1374435.55 | 2.09 | 81064.52 | 840755.06 | 9.64 | |
| 2009-10 | 54365.29 | 1363735.55 | 3.99 | 84443.95 | 845533.64 | 9.99 | |
| 2010-11 | 52652.88 | 1683466.96 | 3.13 | 111018.99 | 1142921.92 | 9.71 | |
| 2011-12 | 74284.58 | 2345463.24 | 3.17 | 180528.60 | 1465959.39 | 12.31 | |
| 2012-13 | 99338.66 | 2669161.96 | 3.72 | 223618.24 | 1634318.84 | 13.68 | |
| 2013-14 | 87465.66 | 2715433.91 | 3.22 | 262778.96 | 1905011.09 | 13.79 | |
| 2014-15(P) | 115434.49 | 2733935.41 | 4.22 | 239453.23 | 1891644.67 | 12.66 | |

Source: Directorate General of Commercial Intelligence & Statistics, Ministry of Commerce & Industry

Note: Commodities covered under Agriculture sector have been revised since 2005-06 after consultation with Trade Division, DAC&FW
(P) - Provisional

Table 12.2: India's Imports of Agricultural Products

| Commodity | 2005-06 | | | | 2006-07 | | | | 2007-08 | | | | 2008-09 | | | | (Quantity : '000 tonnes) | |
|----------------------------------|----------|---------|---------|---------|----------|----------|---------|----------|----------|----------|-------|------|----------|------|-------|------|--------------------------|--|
| | Quantity | | Value | | Quantity | | Value | | Quantity | | Value | | Quantity | | Value | | (Value ₹ Crore) | |
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) | | |
| Tea | 18.75 | 108.14 | 23.29 | 127.06 | 19.73 | 130.95 | 25.16 | 197.00 | 34.46 | 276.54 | | | | | | | | |
| Coffee | - | - | - | - | - | - | - | - | 40.88 | 297.34 | | | | | | | | |
| Rice-Basmati | - | - | - | - | - | - | - | - | 0.00 | 0.00 | | | | | | | | |
| Rice (Other than Basmati) | 0.26 | 0.34 | 0.16 | 0.41 | 0.16 | 0.42 | 0.09 | 0.06 | 0.07 | 0.37 | | | | | | | | |
| Wheat | | | | | | | | | | | | | | | | | | |
| Other Cereals | 27.88 | 30.69 | 7.96 | 11.73 | 10.42 | 19.34 | 20.60 | 45.46 | 33.69 | 76.33 | | | | | | | | |
| Pulses | 1695.95 | 2476.25 | 2270.97 | 3891.91 | 2835.05 | 5374.94 | 2474.11 | 6246.40 | 3509.58 | 9813.37 | | | | | | | | |
| Tobacco Unmanufactured | - | - | - | - | - | - | - | - | - | - | | | | | | | | |
| Tobacco Manufactured | - | - | - | - | - | - | - | - | 1074.71 | 37.76 | | | | | | | | |
| Spices | 108.93 | 687.81 | 118.51 | 738.90 | 144.63 | 973.64 | 122.85 | 1076.07 | 153.40 | 1432.31 | | | | | | | | |
| Cashew Nuts | 543.94 | 2089.46 | 586.49 | 1820.75 | 591.88 | 1714.75 | 614.46 | 2672.43 | 755.96 | 3047.50 | | | | | | | | |
| Cashew shelled | - | - | - | - | - | - | - | - | - | - | | | | | | | | |
| Sesame Seeds | - | - | - | - | - | - | - | - | - | - | | | | | | | | |
| Niger Seeds | - | - | - | - | - | - | - | - | - | - | | | | | | | | |
| Groundnut | - | - | - | - | - | - | - | - | - | - | | | | | | | | |
| Oil Seeds | - | 47.03 | - | 104.47 | - | 149.32 | - | 129.58 | - | 186.61 | | | | | | | | |
| Vegetable Oils Fixed (Edible) | 4288.10 | 8960.99 | 4269.38 | 9339.90 | 4903.39 | 10301.09 | 6719.35 | 15837.46 | 8033.92 | 26483.32 | | | | | | | | |
| Oil Meals | - | - | - | - | - | - | - | - | 127.73 | 104.69 | | | | | | | | |

(Contd.)

Table 12.2 (*Contd.*)

| Commodity | 2010-11 | | 2011-12 | | 2012-13 | | 2013-14 | | 2014-15(P) | |
|----------------------------------|------------------|---------------|------------------|---------------|------------------|---------------|------------------|---------------|------------------|---------------|
| | Quantity (12) | Value (13) | Quantity (14) | Value (15) | Quantity (16) | Value (17) | Quantity (18) | Value (19) | Quantity (20) | Value (21) |
| Tea | 20.82 | 202.00 | 22.43 | 218.91 | 22.30 | 274.52 | 22.74 | 291.68 | 27.44 | 388.73 |
| Coffee | 41.63 | 295.00 | 46.06 | 469.52 | 71.20 | 795.72 | 59.94 | 729.02 | 74.88 | 930.47 |
| Rice-Basmati | 0.00 | 0.00 | 0.46 | 2.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Rice (Other than Basmati) | 0.22 | 1.12 | 1.06 | 5.48 | 0.72 | 1.44 | 8.29 | 8.29 | 1.96 | 10.83 |
| Wheat | 185.28 | 255.85 | 0.02 | 0.08 | 2.94 | 11.27 | 26.92 | 26.92 | 29.49 | 61.34 |
| Other Cereals | 30.68 | 59.53 | 15.36 | 30.04 | 45.58 | 22.32 | 98.03 | 99.32 | 23.40 | 61.81 |
| Pulses | 2698.66 | 7149.62 | 3364.80 | 8931.24 | 3839.30 | 12733.70 | 3643.71 | 12792.62 | 4584.84 | 17062.93 |
| Tobacco Unmanufactured | 1320.74 | 44.61 | 2015.63 | 68.57 | 2166.77 | 91.94 | 1.55 | 79.52 | 1.91 | 98.16 |
| Tobacco Manufactured | - | 80.36 | - | 113.01 | - | 155.01 | - | 168.87 | - | 200.28 |
| Spices | 113.33 | 1556.11 | 128.69 | 2190.80 | 157.64 | 2615.14 | 155.58 | 3451.69 | 161.07 | 4391.84 |
| Cashew Nuts | 529.73 | 2049.56 | 809.82 | 5338.64 | 892.37 | 5331.74 | 776.34 | 4667.80 | 940.80 | 6599.74 |
| Cashew shelled | - | - | 2.08 | 42.79 | 6.15 | 102.17 | 0.38 | 2.08 | 1.72 | 10.03 |
| Sesame Seeds | - | - | - | - | - | - | 72.93 | 808.64 | 34.77 | 379.99 |
| Niger Seeds | - | - | - | - | - | - | - | - | 0.70 | 3.73 |
| Groundnut | - | - | - | - | - | - | 0.11 | 0.36 | 0.13 | 0.49 |
| Oil Seeds | - | 115.48 | - | 93.89 | - | 406.07 | 54.70 | 166.79 | 51.35 | 163.10 |
| Vegetable Oils Fixed (Edible) | 6905.43 | 29860.40 | 8445.01 | 46255.31 | 11013.73 | 61106.59 | 7942.89 | 44038.04 | 11547.76 | 59094.33 |
| Oil Meals | 79.22 | 75.03 | 86.13 | 98.72 | 148.30 | 210.38 | 126.94 | 199.87 | 165.10 | 272.65 |

(Contd.)

Table 12.2 (*Contd.*)

| Commodity | 2005-06 | | 2006-07 | | 2007-08 | | 2008-09 | | 2009-10 | |
|-----------------------------|-----------------|--------------|-----------------|--------------|-----------------|--------------|-----------------|--------------|-----------------|---------------|
| | Quantity (1) | Value (2) | Quantity (3) | Value (4) | Quantity (5) | Value (6) | Quantity (7) | Value (8) | Quantity (9) | Value (10) |
| Guargam Meal | - | - | - | - | - | - | - | - | 0.07 | 2.41 |
| Castor Oil | - | - | - | - | - | - | - | - | 0.06 | 0.44 |
| Shellac | - | - | - | - | - | - | - | - | 3.55 | 34.10 |
| Sugar | 558.77 | 651.59 | 1.05 | 3.48 | 0.73 | 5.87 | 386.10 | 583.16 | 2551.42 | 5965.80 |
| Molasses | - | - | - | - | - | - | - | - | 45.54 | 32.29 |
| Fruits / Vegetable Seeds | - | - | - | - | - | - | - | - | 12.67 | 284.42 |
| Fresh Fruits | - | - | - | - | - | - | - | - | 562.19 | 2843.47 |
| Fresh Vegetables | - | - | - | - | - | - | - | - | 5.40 | 8.14 |
| Processed Vegetables | - | - | - | - | - | - | - | - | - | 77.90 |
| Processed Fruits and Juices | - | - | - | - | - | - | - | - | - | 191.12 |
| Misc Processed Items | - | - | - | - | - | - | - | - | - | 552.34 |
| Buffalo Meat | - | - | - | - | - | - | - | - | - | 0.00 |
| Sheep/Goat Meat | - | - | - | - | - | - | - | - | 0.04 | 1.22 |
| Other Meat | - | - | - | - | - | - | - | - | 0.33 | 6.67 |
| Processed Meat | - | - | - | - | - | - | - | - | 1.41 | 9.79 |
| Dairy Products | - | - | - | - | - | - | - | - | 0.00 | 333.64 |
| Poultry Products | - | - | - | - | - | - | - | - | - | 26.72 |
| Floriculture Products | - | - | - | - | - | - | - | - | - | 45.88 |

(Contd.)

Table 12.2 (*Contd.*)

| Commodity | 2010-11 | | 2011-12 | | 2012-13 | | 2013-14 | | 2014-15(P) | |
|-----------------------------|------------------|---------------|------------------|---------------|------------------|---------------|------------------|---------------|------------------|---------------|
| | Quantity (12) | Value (13) | Quantity (14) | Value (15) | Quantity (16) | Value (17) | Quantity (18) | Value (19) | Quantity (20) | Value (21) |
| Guargam Meal | 0.09 | 2.66 | 0.30 | 9.90 | 0.57 | 33.61 | 0.38 | 21.85 | 0.17 | 5.84 |
| Castor Oil | 0.01 | 0.91 | 0.06 | 1.29 | 0.14 | 2.23 | 0.07 | 2.04 | 0.05 | 1.81 |
| Shellac | 3.29 | 50.55 | 0.54 | 22.15 | 2.78 | 172.61 | 0.68 | 45.80 | 1.77 | 59.54 |
| Sugar | 1198.39 | 2789.55 | 99.73 | 313.83 | 1122.26 | 3094.38 | 880.96 | 2286.86 | 1538.63 | 3668.21 |
| Molasses | 7.29 | 6.15 | 12.40 | 4.35 | 14.68 | 7.50 | 15.07 | 8.93 | 59.55 | 29.60 |
| Fruits / Vegetable Seeds | 11.14 | 291.22 | 13.18 | 380.15 | 16.05 | 471.10 | 8.29 | 449.48 | 14.01 | 611.41 |
| Fresh Fruits | 630.23 | 3586.51 | 723.27 | 4610.84 | 802.14 | 6180.47 | 769.14 | 7715.96 | 858.11 | 9543.86 |
| Fresh Vegetables | 16.61 | 40.60 | 5.04 | 7.31 | 7.03 | 11.24 | 25.98 | 41.67 | 8.24 | 11.14 |
| Processed Vegetables | - | 117.48 | - | 120.19 | - | 149.01 | - | 173.94 | - | 104.20 |
| Processed Fruits and Juices | - | 251.54 | - | 314.93 | - | 432.02 | - | 410.83 | - | 496.00 |
| Misc Processed Items | - | 664.01 | - | 915.19 | - | 1268.33 | - | 1474.47 | - | 1748.56 |
| Buffalo Meat | - | 0.00 | - | 0.00 | - | 0.00 | - | 0.00 | - | 0.00 |
| Sheep/Goat Meat | 0.03 | 0.80 | 0.01 | 0.21 | 0.02 | 1.52 | 0.06 | 5.13 | 0.09 | 8.73 |
| Other Meat | 0.35 | 7.01 | 0.54 | 12.48 | 0.43 | 15.71 | 0.36 | 15.80 | 0.47 | 19.50 |
| Processed Meat | 0.78 | 7.56 | 0.96 | 9.74 | 0.57 | 9.02 | 0.39 | 7.64 | 0.17 | 5.17 |
| Dairy Products | 0.00 | 847.83 | 0.00 | 1219.41 | 0.00 | 184.25 | 0.00 | 232.68 | 0.00 | 375.01 |
| Poultry Products | - | 14.46 | - | 19.72 | - | 18.29 | - | 23.39 | - | 38.22 |
| Floriculture Products | - | 45.48 | - | 68.64 | - | 85.67 | - | 112.19 | - | 113.37 |

(Contd.)

Table 12.2 (*Contd.*)

| Commodity | 2005-06 | | 2006-07 | | 2007-08 | | 2008-09 | | 2009-10 | | |
|--|-----------------|------------------|-----------------|------------------|-----------------|-------------------|-----------------|-------------------|-----------------|-------------------|------------------|
| | Quantity (1) | Value (2) | Quantity (3) | Value (4) | Quantity (5) | Value (6) | Quantity (7) | Value (8) | Quantity (9) | Value (10) | Quantity (11) |
| Marine Products | - | - | - | - | - | - | - | - | - | 27.35 | 303.09 |
| Jute Hessian | - | - | - | - | - | - | - | - | - | - | - |
| Cotton (Raw & Waste) | 98.75 | 703.66 | 81.48 | 663.07 | 136.49 | 912.14 | 211.69 | 1690.22 | 171.42 | 1241.37 | |
| Cereal Preparation | 42.40 | 129.23 | 38.22 | 132.92 | 43.96 | 161.83 | 29.78 | 170.17 | 40.85 | 188.22 | |
| Milled Products | - | - | - | - | - | - | - | - | - | - | - |
| Jute (Raw) | 61.34 | 93.16 | 83.05 | 115.21 | 135.75 | 148.01 | 52.24 | 71.21 | 62.66 | 149.49 | |
| Cocoa Products | - | - | - | - | - | - | - | - | - | - | - |
| Animal Casings | - | - | - | - | - | - | - | - | - | - | - |
| Alcoholic Beverages | - | - | - | - | - | - | - | - | - | - | - |
| Ayush and Herbal Products | - | - | - | - | - | - | - | - | - | - | - |
| Total Agricultural Imports | - | 15977.75 | - | 23000.28 | - | 22549.81 | - | 28719.24 | - | 54365.29 | |
| Total National Imports | - | 660408.90 | - | 840506.31 | - | 1012311.70 | - | 1374435.55 | - | 1363735.55 | |
| % Share of Agricultural Import in National Imports | - | 2.42 | - | 2.74 | - | 2.23 | - | 2.09 | - | 3.99 | |

(Contd.)

Table 12.2 (*Contd.*)

| Commodity | 2010-11 | | 2011-12 | | 2012-13 | | 2013-14 | | 2014-15(P) | |
|---|------------------|------------------|------------------|-------------------|------------------|-------------------|------------------|-------------------|------------------|-------------------|
| | Quantity (12) | Value (13) | Quantity (14) | Value (15) | Quantity (16) | Value (17) | Quantity (18) | Value (19) | Quantity (20) | Value (21) |
| Marine Products | 28.35 | 429.04 | 34.22 | 569.53 | 28.10 | 452.70 | 31.22 | 411.01 | 27.58 | 451.74 |
| Jute Hessian | - | - | - | - | - | - | - | 79.92 | - | 177.79 |
| Cotton (Raw & Waste) | 58.41 | 623.54 | 77.42 | 1059.19 | 232.55 | 2466.74 | 180.98 | 2375.78 | 258.88 | 3101.08 |
| Cereal Preparation | 37.09 | 228.84 | 48.06 | 316.89 | 51.56 | 53.47 | 419.34 | 404.29 | 63.12 | 566.84 |
| Milled Products | - | - | - | - | - | - | 3.98 | 22.01 | 3.47 | 17.72 |
| Jute (Raw) | 83.31 | 302.49 | 181.26 | 449.17 | 148.73 | 370.79 | 52.65 | 146.25 | 44.00 | 139.58 |
| Cocoa Products | - | - | - | - | - | - | 51.63 | 1071.55 | 65.31 | 1551.09 |
| Animal Casings | - | - | - | - | - | - | 0.00 | 0.00 | - | - |
| Alcoholic Beverages | - | - | - | - | - | - | - | 2076.18 | - | 2503.44 |
| Ayush and Herbal Products | - | - | - | - | - | - | 10.86 | 318.50 | 9.54 | 354.59 |
| Total Agricultural Imports | - | 52652.88 | - | 74284.58 | - | 99338.66 | - | 87465.66 | - | 115434.49 |
| Total National Imports | - | 168346.96 | - | 2345463.24 | - | 2669161.96 | - | 2715433.91 | - | 2733935.41 |
| % Share of Agricultural Import in National Imports | - | 3.13 | - | 3.17 | - | 3.72 | - | 3.22 | - | 4.22 |

Source : Directorate General of Commercial Intelligence & Statistics, Ministry of Commerce & Industry.*Note:* Commodities covered under Agriculture sector have been revised after consultation with Trade Division, DAC&FW
(P) - Provisional

Table 12.3: India's Exports of Agricultural Products

(Quantity : '000 tonnes)
(Value ₹ Crore)

| Commodity | 2005-06 | | 2006-07 | | 2007-08 | | 2008-09 | | 2009-10 | |
|---------------------------|-----------------|--------------|-----------------|--------------|-----------------|--------------|-----------------|--------------|-----------------|---------------|
| | Quantity (1) | Value (2) | Quantity (3) | Value (4) | Quantity (5) | Value (6) | Quantity (7) | Value (8) | Quantity (9) | Value (10) |
| | | | | | | | | | | |
| Tea | 162.86 | 1730.73 | 185.63 | 1969.51 | 197.39 | 2034.17 | 207.46 | 2688.87 | 207.53 | 2943.53 |
| Coffee | 177.68 | 1588.69 | 213.65 | 1969.00 | 178.30 | 1872.27 | 174.08 | 2255.76 | 157.41 | 2032.06 |
| Rice Basmati | 1166.57 | 3043.10 | 1045.73 | 2792.81 | 1183.36 | 4344.58 | 1556.41 | 9477.03 | 2016.87 | 10889.60 |
| Rice (Other than Basmati) | 2921.6 | 3178.17 | 3702.22 | 4243.10 | 5286.08 | 7410.03 | 931.89 | 1687.37 | 139.54 | 365.30 |
| Wheat | 746.18 | 557.53 | 46.64 | 35.35 | 0.24 | 0.24 | 1.12 | 1.46 | 0.03 | 0.06 |
| Other Cereals | 567.22 | 453.82 | 730.38 | 599.25 | 3228.05 | 3002.33 | 3999.65 | 3920.58 | 2892.42 | 2973.19 |
| Pulses | 447.44 | 1115.21 | 250.70 | 773.34 | 164.20 | 526.41 | 136.27 | 540.22 | 99.92 | 407.35 |
| Tobacco Unmanufactured | 142.7 | 1021.32 | 158.25 | 1251.28 | 173.34 | 1432.80 | 208.31 | 2766.27 | 230.80 | 3621.44 |
| Tobacco Manufactured | - | 309.34 | - | 433.89 | - | 499.09 | - | 694.78 | - | 722.96 |
| Spices | 400.24 | 2115.98 | 482.80 | 3157.90 | 614.86 | 4314.86 | 673.87 | 6338.42 | 663.21 | 6157.33 |
| Cashew | 125.1 | 2584.70 | 122.78 | 2491.18 | 111.26 | 2209.60 | 126.15 | 2900.97 | 117.99 | 2801.58 |
| Cashewnut Shell Liquid | 5.94 | 8.67 | 8.09 | 15.34 | 14.78 | 25.17 | 10.82 | 29.69 | 11.23 | 27.62 |
| Sesamum Seed | 199.81 | 746.60 | 233.34 | 939.58 | 317.01 | 1642.29 | 196.98 | 1494.26 | 215.73 | 1494.10 |
| Niger Seeds | 28.42 | 60.25 | 30.02 | 66.87 | 21.68 | 90.03 | 13.72 | 64.23 | 6.00 | 24.23 |
| Groundnut | 190.06 | 513.69 | 251.43 | 798.46 | 269.59 | 1054.08 | 297.89 | 1239.01 | 340.24 | 1425.93 |
| Other oil seeds | - | - | - | - | - | - | - | - | - | - |
| Vegetable oils | - | - | - | - | - | - | - | - | - | - |

(Contd.)

| | 2010-11 | | | | | | 2011-12 | | | | | | 2012-13 | | | | | | 2013-14 | | | | | |
|---------------------------|----------|----------|---------|----------|----------|----------|---------|----------|----------|----------|---------|------|----------|------|-------|------|----------|------|---------|------|----------|------|-------|------|
| | Quantity | | Value | | Quantity | | Value | | Quantity | | Value | | Quantity | | Value | | Quantity | | Value | | Quantity | | Value | |
| | (12) | (13) | (14) | (15) | (16) | (17) | (18) | (19) | (20) | (21) | (22) | (23) | (24) | (25) | (26) | (27) | (28) | (29) | (30) | (31) | (32) | (33) | (34) | (35) |
| Tea | 238.34 | 3354.31 | 292.35 | 4078.53 | 268.80 | 4718.79 | 249.91 | 4873.34 | 215.21 | 4166.14 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Coffee | 232.63 | 3009.91 | 278.87 | 4534.62 | 254.02 | 4711.07 | 253.90 | 4799.10 | 221.39 | 4973.25 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Rice Basmati | 2370.68 | 11354.77 | 3178.18 | 15449.60 | 3459.89 | 19409.39 | 3754.09 | 29291.82 | 3702.26 | 27598.71 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Rice (Other than Basmati) | 100.68 | 231.29 | 3997.72 | 8059.13 | 6688.00 | 14448.81 | 7136.14 | 17795.21 | 8225.53 | 20336.00 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Wheat | 0.40 | 0.70 | 740.75 | 1023.27 | 6514.82 | 10529.00 | 5572.01 | 9277.65 | 2914.74 | 4974.61 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Other Cereals | 3220.07 | 3648.49 | 4073.69 | 5492.92 | 5441.31 | 8180.61 | 4926.05 | 7178.14 | 3510.55 | 5258.41 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Pulses | 208.02 | 865.74 | 174.20 | 1065.84 | 201.70 | 1280.00 | 345.66 | 1749.30 | 222.10 | 1218.10 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Tobacco Unmanufactured | 215.88 | 3151.65 | 197.17 | 2899.46 | 230.41 | 3815.76 | 237.11 | 4782.74 | 219.57 | 4162.70 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Tobacco Manufactured | - | 833.74 | - | 1106.96 | - | 1214.47 | - | 1351.72 | - | 1705.85 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Spices | 762.71 | 8043.47 | 935.82 | 13220.23 | 1008.86 | 15364.97 | 895.91 | 15146.36 | 923.27 | 14842.36 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Cashew | 105.76 | 2819.39 | 131.76 | 4390.68 | 104.04 | 4067.21 | 120.68 | 5095.49 | 134.49 | 5565.77 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Cashewnut Shell Liquid | 12.05 | 33.77 | 14.63 | 59.46 | 9.19 | 29.84 | 9.48 | 38.61 | 10.94 | 55.81 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sesamum Seed | 398.44 | 2307.52 | 389.15 | 2641.66 | 299.48 | 2880.85 | 257.44 | 3583.46 | 375.66 | 4717.77 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Niger Seeds | 12.86 | 44.51 | 28.23 | 117.27 | 17.90 | 90.13 | 20.84 | 113.61 | 18.04 | 108.23 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Groundnut | 433.75 | 2178.41 | 832.62 | 5246.45 | 535.64 | 4065.36 | 509.75 | 3187.66 | 708.39 | 4675.38 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Other oil seeds | - | - | - | - | - | - | - | 194.46 | 945.53 | 247.54 | 1135.36 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Vegetable oils | - | - | - | - | - | - | - | 23.01 | 324.82 | 41.56 | 579.54 | - | - | - | - | - | - | - | - | - | - | - | - | - |

(Contd.)

Table: 12.3 (*Contd.*)

| Commodity | 2005-06 | | 2006-07 | | 2007-08 | | 2008-09 | | 2009-10 | |
|-------------------------------|-----------------|--------------|-----------------|--------------|-----------------|--------------|-----------------|--------------|-----------------|---------------|
| | Quantity (1) | Value (2) | Quantity (3) | Value (4) | Quantity (5) | Value (6) | Quantity (7) | Value (8) | Quantity (9) | Value (10) |
| Oil Meals | 5976 | 4875.01 | 6437.43 | 5504.32 | 6908.50 | 8140.55 | 6742.94 | 10269.24 | 4671.13 | 7831.79 |
| Gurgum Meal | 186.73 | 1049.23 | 189.33 | 1125.79 | 211.17 | 1125.75 | 258.57 | 1338.99 | 218.47 | 1133.31 |
| Castor Oil | 254.72 | 939.74 | 294.87 | 1090.11 | 282.18 | 1275.72 | 357.26 | 2128.72 | 398.00 | 2179.28 |
| Shellac | 9.3 | 159.98 | 7.51 | 147.20 | 8.08 | 123.99 | 6.03 | 103.89 | 4.05 | 71.30 |
| Sugar | 321.2 | 569.10 | 1643.40 | 3127.47 | 4684.55 | 5412.16 | 3332.08 | 4448.74 | 44.74 | 110.21 |
| Molasses | 72.94 | 28.81 | 326.87 | 133.37 | 897.52 | 250.62 | 172.20 | 82.70 | 31.10 | 19.78 |
| Fruits/Vegetable Seeds | 7.52 | 92.96 | 8.10 | 121.59 | 10.08 | 141.96 | 8.54 | 119.99 | 8.88 | 145.08 |
| Fresh Fruits | - | 1120.69 | - | 1413.98 | - | 1446.59 | - | 1945.24 | - | 2269.08 |
| Fresh Vegetables | - | 919.81 | - | 1546.53 | - | 1477.89 | - | 2454.15 | - | 2941.73 |
| Processed Vegetables | - | 494.48 | - | 650.23 | - | 602.18 | - | 711.22 | - | 752.30 |
| Processed Fruits and Juices | - | 599.91 | - | 711.40 | - | 773.40 | - | 1099.15 | - | 1159.32 |
| Miscellaneous Processed Items | - | 989.53 | - | 1125.05 | - | 1362.39 | - | 2077.44 | - | 2095.29 |
| Meat & Preparations | - | 2750.17 | - | 3314.03 | - | 3749.47 | - | 5371.42 | - | 6286.10 |
| Dairy Products | - | 794.61 | - | 497.09 | - | 960.24 | - | 1130.08 | - | 549.37 |
| Poultry Products | - | 313.37 | - | 313.82 | - | 429.53 | - | 413.53 | - | 366.10 |
| Floriculture Products | - | 301.45 | - | 652.70 | - | 340.30 | - | 368.81 | - | 294.46 |
| Marine Products | 554.2 | 7035.91 | 611.55 | 8001.04 | 490.06 | 6926.67 | 464.90 | 7066.37 | 709.88 | 9899.98 |
| Jute Hessian | 490.90 | 375.81 | - | - | 464.44 | - | 415.59 | - | 307.63 | (Contd.) |

Table 12.3 (Contd.)

| | 2010-11 | | 2011-12 | | 2012-13 | | 2013-14 | | 2014-15(P) | |
|-------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|------------|----------|
| | Quantity | Value | Quantity | Value | Quantity | Value | Quantity | | Value | Value |
| | | | | | | | (12) | (13) | (14) | (15) |
| Oil Meals | 6936.93 | 11060.58 | 7406.37 | 11796.46 | 6578.18 | 16519.53 | 9830.21 | 17070.13 | 3904.38 | 8128.60 |
| Guar gum Meal | 441.61 | 2938.70 | 707.33 | 16523.87 | 406.31 | 21287.00 | 601.96 | 11735.41 | 665.22 | 9479.91 |
| Castor Oil | 424.49 | 2982.92 | 492.63 | 4571.67 | 565.99 | 4309.82 | 544.80 | 4364.33 | 546.50 | 4710.18 |
| Shellac | 4.39 | 140.07 | 4.55 | 256.79 | 3.60 | 401.74 | 7.74 | 513.96 | 5.24 | 267.47 |
| Sugar | 1714.37 | 5419.16 | 2741.36 | 8766.78 | 2794.49 | 8576.63 | 2535.31 | 7178.50 | 1954.44 | 5326.66 |
| Molasses | 371.92 | 214.09 | 384.13 | 204.33 | 342.15 | 223.03 | 211.66 | 147.29 | 213.46 | 171.04 |
| Fruits/Vegetable Seeds | 11.62 | 184.96 | 15.21 | 287.76 | 17.17 | 347.72 | 19.34 | 416.58 | 12.50 | 427.03 |
| Fresh Fruits | - | 2174.13 | - | 2557.55 | - | 3295.12 | 525.18 | 3045.62 | 484.41 | 3148.08 |
| Fresh Vegetables | - | 2545.88 | - | 2907.15 | - | 3288.33 | 2288.29 | 5384.47 | 2019.33 | 4611.64 |
| Processed Vegetables | - | 764.00 | - | 1057.36 | - | 1119.66 | - | 1288.86 | - | 1725.34 |
| Processed Fruits and Juices | - | 1041.12 | - | 1656.19 | - | 1968.77 | - | 3332.05 | - | 3625.68 |
| Miscellaneous Processed Items | - | 2628.26 | - | 3832.33 | - | 4962.66 | - | 2531.48 | - | 2795.97 |
| Meat & Preparations | - | 8960.07 | - | 14110.93 | - | 17903.20 | 1389.02 | 27163.01 | 1499.80 | 30127.37 |
| Dairy Products | - | 850.17 | - | 610.60 | - | 1768.77 | - | 4407.78 | - | 2161.68 |
| Poultry Products | - | 283.67 | - | 388.35 | - | 460.13 | - | 566.81 | - | 651.20 |
| Floriculture Products | - | 296.05 | - | 365.32 | - | 423.45 | - | 455.90 | - | 460.76 |
| Marine Products | 825.31 | 11917.11 | 9722.21 | 16584.71 | 965.10 | 18841.20 | 1192.88 | 30627.28 | 1073.27 | 33685.45 |
| Jute Hessian | - | 722.87 | - | 945.83 | - | 876.68 | - | 859.59 | - | 761.88 |

(Contd.)

Table 12.3 (*Contd.*)

| Commodity | 2005-06 | | 2006-07 | | 2007-08 | | 2008-09 | | 2009-10 | |
|--|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|
| | Quantity | Value |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| Cotton Raw including Waste | 614.8 | 2904.35 | 1162.22 | 6107.81 | 1557.59 | 8865.39 | 457.56 | 2865.85 | 1357.99 | 9537.08 |
| Cereal Preparations | - | - | - | - | - | - | - | - | - | - |
| Milled Products | - | - | - | - | - | - | - | - | - | - |
| Jute, Raw | - | - | - | - | - | - | - | - | - | - |
| Cocoa Products | - | - | - | - | - | - | - | - | - | - |
| Animal Casings | - | - | - | - | - | - | - | - | - | - |
| Alcoholic Beverages | - | 253.16 | - | 271.67 | - | 346.29 | - | 554.48 | - | 608.48 |
| Ayush and Herbal Products | - | - | - | - | - | - | - | - | - | - |
| Total Agricultural Exports | - | 45710.97 | - | 57767.87 | - | 74673.48 | - | 81064.52 | - | 84443.95 |
| Total National Exports | - | 456417.86 | - | 571779.28 | - | 655863.52 | - | 840755.06 | - | 845533.64 |
| % Share of Agricultural Exports in National Exports | - | 10.02 | - | 10.10 | - | 11.39 | - | 9.64 | - | 9.99 |

(Contd.)

Table 12.3 (Contd.)

| | 2010-11 | | 2011-12 | | 2012-13 | | 2013-14 | | 2014-15(P) | |
|--|------------------|-------------------|------------------|-------------------|------------------|-------------------|------------------|-------------------|------------------|-------------------|
| | Quantity (12) | Value (13) | Quantity (14) | Value (15) | Quantity (16) | Value (17) | Quantity (18) | Value (19) | Quantity (20) | Value (21) |
| | | | | | | | | | | |
| Cotton Raw including Waste | 1885.77 | 13160.47 | 2003.58 | 21624.20 | 2056.69 | 20276.51 | 1947.68 | 22337.84 | 1142.53 | 11642.65 |
| Cereal Preparations | - | - | - | - | - | - | 319.51 | 2856.26 | 306.09 | 3033.24 |
| Milled Products | - | - | - | - | - | - | 419.26 | 1008.01 | 415.71 | 1018.32 |
| Jute, Raw | - | - | - | - | - | - | 44.02 | 113.35 | 37.37 | 119.20 |
| Cocoa Products | - | - | - | - | - | - | 16.23 | 573.22 | 20.88 | 848.85 |
| Animal Castings | - | - | - | - | - | - | 0.27 | 28.46 | 26.05 | 19.33 |
| Alcoholic Beverages | - | 848.04 | - | 1494.37 | - | 1962.07 | - | 2429.67 | - | 2262.26 |
| Ayush and Herbal Products | - | - | - | - | - | - | 76.72 | 2208.55 | 92.07 | 2169.29 |
| Total Agricultural Exports | - | 111018.99 | - | 180528.60 | - | 223618.24 | - | 262778.96 | - | 239453.23 |
| Total National Exports | - | 1142921.92 | - | 1465959.39 | - | 1634318.84 | - | 1905011.09 | - | 1891644.67 |
| % Share of Agricultural Exports in National Exports | - | 9.71 | - | 12.31 | - | 13.68 | - | 13.79 | - | 12.66 |

Source : Directorate General of Commercial Intelligence & Statistics, Ministry of Commerce & Industry.

Note: 1. Commodities covered under Agriculture sector have been revised after consultation with Trade Division, DAC&T/W

2. Meat & Preparations include Buffalo Meat, Sheep/ Goat Meat, Other Meat and Processed Meat.

(P) - Provisional

Table 12.4 : Tariffs and Bound Rates on Major Agricultural Commodities/Groups

| S. No | Item description | Basic Customs duty (%) (As on 25.08.2015) | Bound duty (%) (As on 25.08.2015) |
|------------------------------|--|--|--------------------------------------|
| (1) | (2) | (3) | (4) |
| I. Cereals and Pulses | | | |
| 1 | Pulses | Nil | 100 |
| 2 | Wheat | 10% | 100 |
| 3 | Maize (Corn) seed | 50 | 70 |
| 4 | Rice in the husk | 80 | 80 |
| 5 | Husked (brown) rice; broken rice | 80 | 80 |
| 6 | Semi-milled or wholly milled rice whether or not polished | 70 | 70 |
| 7 | Millet, Jowar | 50 | 70 |
| 8 | Sorghum | 50 | 80 |
| 9 | Buck wheat and canary seed | free | 100 |
| 10 | Other cereals (rye, barley etc.) | free | 100 |
| II. Cereals Products | | | |
| 1 | Atta | Nil | 150 |
| 2 | Maida | 30 | 150 |
| 3 | Sooji | 30 | 150 |
| 4 | Wheat and potato starch | 30 | 35 |
| 5 | Flour, meal and powder of dried leguminous vegetables including sago, tamarind and mango | 30 | 150 |
| 6 | Other starches | 50 | 100 |
| 7 | Roasted malt | 30 | 100 |
| 8 | Unroasted malt | 30 | 40 |
| III. Dairy Products | | | |
| 1 | Fresh milk and cream | 30 | 100 |
| 2 | Butter and melted butter (ghee) | 30 | 40 |
| 3 | Cheese | 30 | 40 |
| 4 | Milk powder | 60* | 60 |
| 5 | Yoghurt | 30 | 150 |
| IV. Plantation Crops | | | |
| 1 | Tea | 100 | 150 |
| 2 | Coffee | 100 | 100 |
| 3 | Coconut | 70 | 100 |
| 4 | Copra | 70 | 100 |
| 5 | Cassia and cinnamon | 30 | 100 |
| 6 | Cloves | 35 | 100 |
| 7 | Other Spices | 30/70 | 150/100 |

(Contd.)

Table: 12.4 (*Contd.*)

| S. No | Item description | Basic Customs duty (%) (As on 25.08.2015) | Bound duty (%) (As on 25.08.2015) |
|------------------------------|--|--|--------------------------------------|
| (1) | (2) | (3) | (4) |
| V. Meat & Poultry | | | |
| 1 | Chicken sausages | 100 | 150 |
| 2 | Chicken leg (processed) | 100 | 150 |
| 3 | Meat of poultry, not cut in pieces, fresh or chilled | 30 | 100 |
| 4 | Raw hams, pig fat; meat of bovine animals | 30 | 100 |
| 5 | Other meat and offal | 30 | 100 |
| 6 | Processed hams | 30 | 55 |
| 7 | Fish | 30 | Unbound |
| VI. Sugar | | | |
| VII. Horticulture | | | |
| 1 | Apples | 50 | 50 |
| 2 | Grapefruit | 25 | 25 |
| 3 | Strawberries, dried apricots etc. | 30 | 100 |
| 4 | Banana, Pears and quinces | 30 | 35 |
| 5 | Oranges; lemons and limes; fresh grapes | 30 | 40/100 |
| 6 | Fresh pomegranates, lichi, tamarind (fresh), custard apple | 15 | 100 |
| 7 | Other fruits except Sapota (Black berries etc.) | 30 | 100/150 |
| 8 | Garlic | 100 | 100 |
| 9 | Onions & Shallots | Nil | 100 |
| 10 | Mushrooms | 30 | 100 |
| 11 | Potato | 30 | 150 |
| 12 | Sweet Potato | 30 | 150 |
| 13 | Frozen vegetables-peas, beans, spinach, sweet corn etc. | 30 | 55 |
| 14 | Other edible roots and tubers with high starch or insulin content, fresh or chilled (cassava) | 30 | 100 |
| 15 | All other vegetables | 30 | 100 |
| 16 | Arecanut | 100 | 100 |
| 17 | Hop cones (ground, powdered or inpellets) | 30 | 75 |
| 18 | Hop cones (other than ground, powdered or inpellets) | 30 | 100 |
| 19 | Betel leaves | 30 | 100 |
| 20 | Planting materials of oilseeds | 5 | 10 |
| 21 | Oilseeds, misc grains, seeds of fruits, industrial or medicinal plants (other than the kind used for sowing and hop cones) | 30 | 100 |

(Contd.)

Table: 12..4 (*Contd.*)

| S. No | Item description | Basic Customs duty (%) (As on 25.08.2015) | Bound duty (%) (As on 25.08.2015) |
|----------------------------------|--|--|--------------------------------------|
| (1) | (2) | (3) | (4) |
| 22 | Basil, hyasop, rosemary, sage, savory, comboge fruit rind | 15 | 100 |
| 23 | Apricot, peach or plum stones and kernels | 100 | 100 |
| 24 | Seeds of a kind used for sowing (other than vegetable seeds) | 15 | 100 |
| 25 | Vegetable seeds | 5 | 10 |
| 26 | Oilcake and oilcake meal solvent extracted (defatted) variety of coconut/ copra; oilcake and oilcake meal expeller variety of coconut/ copra | 15 | 100 |
| VIII. Edible Oils (Crude) | | | |
| 1 | Soyabean Oil | 7.5 | 45 |
| 2 | Palm Oil (for manufacture of vanaspati) | 7.5 | 300 |
| 3 | Groundnut Oil | 7.5 | 300 |
| 4 | Sunflower/ Safflower | 7.5 | 300 |
| 5 | Coconut Oil | 7.5 | 300 |
| 6 | Rapeseed Oil | 7.5 | 75 |
| 7 | Colza or Mustard Oil | 7.5 | 75 |
| 8 | Castor Oil/ Tung Oil | 7.5 | 100 |
| 9 | Other Oils | 7.5 | 300 |
| 10 | Safflower | 7.5 | 300 |
| IX. Edible Oils (Refined) | | | |
| 1 | Soyabean Oil | 15 | 45 |
| 2 | RBD Palmolein | 15 | 300 |
| 3 | Palm Oil | 15 | 300 |
| 4 | Groundnut Oil | 15 | 300 |
| 5 | Sunflower | 15 | 300 |
| 6 | Coconut Oil Edible grade | 15 | 300 |
| 7 | Coconut Oil Other | 15 | 300 |
| 8 | Rapeseed Oil | 15 | 75 |
| 9 | Colza or Mustard Oil | 15 | 75 |
| 10 | Castor Oil/ Tung Oil | 15 | 100 |
| 11 | Safflower | 15 | 300 |
| 12 | Other Oils edible grade | 15 | 300 |
| 13 | Other Oils other than edible grade | 65 | 100/300 |

Source: Department of Revenue , Ministry of Finance.

Note: Duty on pulses was reduced to Zero on 8.6.2006 and the exemption is valid on gram upto 30.9.2015.

With effect from 1.3.2007,all edible oils have been exempted from additional duty of customs of 4%. The zero duty on maize is available for a tariff rate quota (TRQ) of 5 lakh metric tonnes.

* Nil upto 30000 MT of total imports in a Financial Year

Table 12.5(a): Trends in Wholesale Price Index of Foodgrains (Base:2004-05=100)

| Commodity | Weight | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 |
|-------------------------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
| ALL COMMODITIES | 100.00 | 116.6 | 126.0 | 130.8 | 143.3 | 156.1 | 167.6 | 177.6 | 181.2 |
| (a) PRIMARY ARTICLES | 20.12 | 123.9 | 137.5 | 154.9 | 182.4 | 200.3 | 220.0 | 241.6 | 248.8 |
| (b) FUEL & POWER | 14.91 | 121.0 | 135.0 | 132.1 | 148.3 | 169.0 | 186.5 | 205.4 | 203.5 |
| (c) MANUFACTURED PRODUCTS | 64.97 | 113.4 | 120.4 | 123.1 | 130.1 | 139.5 | 147.1 | 151.5 | 155.1 |
| FOOD GRAINS (CEREALS+PULSES) | 4.09 | 130.9 | 145.3 | 166.4 | 174.4 | 180.7 | 207.1 | 226.0 | 235.0 |
| (a) CEREALS | 3.37 | 127.9 | 143.1 | 161.2 | 169.7 | 176.2 | 199.9 | 225.5 | 233.6 |
| Rice | 1.79 | 122.5 | 140.6 | 157.9 | 167.2 | 172.3 | 194.2 | 226.2 | 241.4 |
| Wheat | 1.12 | 134.3 | 147.6 | 166.5 | 171.4 | 168.3 | 194.4 | 212.3 | 211.7 |
| Jowar | 0.10 | 148.0 | 151.2 | 168.6 | 189.5 | 248.6 | 235.8 | 251.2 | 288.5 |
| Bajra | 0.12 | 128.0 | 139.2 | 168.1 | 175.6 | 193.2 | 233.5 | 256.9 | 250.7 |
| Maize | 0.22 | 130.2 | 139.1 | 153.3 | 168.9 | 205.6 | 234.0 | 251.2 | 241.7 |
| Barley | 0.02 | 136.6 | 152.9 | 150.6 | 165.7 | 180.2 | 208.0 | 214.3 | 227.7 |
| Ragi | 0.02 | 123.4 | 134.9 | 174.7 | 173.8 | 204.9 | 278.3 | 337.3 | 327.5 |
| (b) PULSES | 0.72 | 144.9 | 155.8 | 190.8 | 196.9 | 201.8 | 241.3 | 228.0 | 241.4 |
| Gram | 0.33 | 149.0 | 153.8 | 152.2 | 150.0 | 193.8 | 266.3 | 217.3 | 198.0 |
| Arhar | 0.14 | 126.1 | 144.3 | 214.7 | 205.1 | 183.2 | 199.4 | 212.3 | 230.8 |
| Moong | 0.08 | 141.2 | 150.4 | 233.8 | 280.4 | 244.4 | 259.5 | 295.9 | 358.0 |
| Masur | 0.06 | 145.7 | 196.2 | 228.2 | 194.5 | 162.8 | 193.9 | 217.2 | 265.4 |
| Urad | 0.10 | 159.8 | 159.8 | 228.4 | 271.8 | 240.0 | 227.7 | 234.3 | 288.3 |
| (c) SUGAR, KHANDSARI & GUR | 2.09 | 90.9 | 106.8 | 161.9 | 160.5 | 167.7 | 185.7 | 183.0 | 182.7 |
| Sugar | 1.74 | 93.4 | 108.5 | 166.8 | 165.0 | 173.4 | 193.1 | 188.4 | 187.8 |
| Gur | 0.08 | 95.7 | 127.2 | 195.4 | 197.2 | 197.2 | 217.1 | 220.1 | 216.9 |
| Khandsari | 0.06 | 90.2 | 106.8 | 155.9 | 159.9 | 170.9 | 183.7 | 182.0 | 182.3 |
| FOOD ARTICLES | 14.34 | 123.6 | 134.8 | 155.4 | 179.6 | 192.7 | 211.8 | 238.9 | 253.4 |
| NON-FOOD ARTICLES | 4.26 | 114.4 | 129.2 | 136.2 | 166.6 | 182.7 | 201.9 | 213.2 | 212.1 |

Source: Office of the Economic Adviser, Ministry of Commerce & Industry.

Table 12.5(b): Growth Rate (%) of Wholesale Price Index of Foodgrains (Base:2004-05=100)

| Commodity | Weight | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 |
|-------------------------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
| ALL COMMODITIES | 100.00 | 4.7 | 8.1 | 3.8 | 9.6 | 8.9 | 7.4 | 6.0 | 2.0 |
| (a) PRIMARY ARTICLES | 20.12 | 8.3 | 11.0 | 12.7 | 17.7 | 9.8 | 9.8 | 9.8 | 3.0 |
| (b) FUEL & POWER | 14.91 | 0.0 | 11.6 | -2.1 | 12.3 | 14.0 | 10.3 | 10.2 | -0.9 |
| (c) MANUFACTURED PRODUCTS | 64.97 | 4.8 | 6.2 | 2.2 | 5.7 | 7.3 | 5.4 | 3.0 | 2.4 |
| FOOD GRAINS (CEREALS+PULSES) | 4.09 | 6.9 | 11.0 | 14.5 | 4.9 | 3.6 | 14.6 | 9.1 | 4.0 |
| (a). CEREALS | 3.37 | 9.5 | 11.9 | 12.6 | 5.3 | 3.9 | 13.4 | 12.8 | 3.6 |
| Rice | 1.79 | 11.3 | 14.8 | 12.3 | 5.9 | 3.1 | 12.7 | 16.5 | 6.7 |
| Wheat | 1.12 | 7.3 | 9.9 | 12.8 | 3.0 | -1.8 | 15.5 | 9.2 | -0.3 |
| Jowar | 0.10 | 18.8 | 2.2 | 11.5 | 12.4 | 31.1 | -5.1 | 6.5 | 14.9 |
| Bajra | 0.12 | 4.5 | 8.7 | 20.8 | 4.5 | 10.0 | 20.8 | 10.0 | -2.4 |
| Maize | 0.22 | 6.3 | 6.8 | 10.2 | 10.2 | 21.7 | 13.8 | 7.4 | -3.8 |
| Barley | 0.02 | 10.4 | 11.9 | -1.5 | 10.0 | 8.8 | 15.5 | 3.0 | 6.2 |
| Ragi | 0.02 | 10.0 | 9.4 | 29.5 | -0.5 | 17.9 | 35.8 | 21.2 | -2.9 |
| (b) PULSES | 0.72 | -2.8 | 7.5 | 22.4 | 3.2 | 2.5 | 19.6 | -5.5 | 5.9 |
| Gram | 0.33 | -4.6 | 3.2 | -1.1 | -1.4 | 29.2 | 37.4 | -18.4 | -8.9 |
| Athar | 0.14 | 16.4 | 14.4 | 48.8 | 4.5 | -10.7 | 8.8 | 6.5 | 8.7 |
| Moong | 0.08 | -11.9 | 6.5 | 55.4 | 19.9 | -12.8 | 6.2 | 14.0 | 21.0 |
| Masur | 0.06 | 26.7 | 34.7 | 16.3 | -14.8 | -16.3 | 19.1 | 12.0 | 22.2 |
| Urad | 0.10 | -16.5 | 0.0 | 43.0 | 19.0 | -11.7 | -5.1 | 2.9 | 23.0 |
| (c) SUGAR, KHANDSARI & GUR | 2.09 | -15.4 | 17.5 | 51.6 | -0.9 | 4.5 | 10.7 | -1.5 | -0.1 |
| Sugar | 1.74 | -14.8 | 16.2 | 53.7 | -1.1 | 5.1 | 11.3 | -2.4 | -0.3 |
| Gur | 0.08 | -12.4 | 32.9 | 53.6 | 0.9 | 0.0 | 10.1 | 1.3 | -1.5 |
| Khandsari | 0.06 | -16.6 | 18.3 | 46.0 | 2.6 | 6.9 | 7.5 | -0.9 | 0.2 |
| FOOD ARTICLES | 14.34 | 7.0 | 9.1 | 15.3 | 15.6 | 7.3 | 9.9 | 12.8 | 6.1 |
| NON-FOOD ARTICLES | 4.26 | 11.9 | 12.9 | 5.5 | 22.3 | 9.6 | 10.5 | 5.6 | -0.5 |

Source: Office of the Economic Adviser, Ministry of Commerce & Industry.

Table 12.6(a): Trends in Wholesale Price Index of Commercial Crops (Base: 2004-05=100)

| Commodity | Weight | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 |
|-----------------------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
| A. OIL SEEDS | | | | | | | | | |
| Groundnut Seed | 1.78 | 113.2 | 131.2 | 135.0 | 141.3 | 158.8 | 198.0 | 202.6 | 208.9 |
| Rape & Mustard Seed | 0.40 | 140.3 | 144.3 | 148.0 | 164.8 | 200.0 | 246.9 | 219.1 | 210.3 |
| Cotton Seed | 0.34 | 118.2 | 144.4 | 139.2 | 135.1 | 149.8 | 202.7 | 189.3 | 193.9 |
| Copra (Coconut) | 0.21 | 112.3 | 126.0 | 132.3 | 132.8 | 143.4 | 162.1 | 177.6 | 172.8 |
| Gingelly Seed (Sesamum) | 0.25 | 66.6 | 82.7 | 70.6 | 92.9 | 112.9 | 92.4 | 117.4 | 186.2 |
| Niger Seed | 0.07 | 134.8 | 166.1 | 233.5 | 247.5 | 203.8 | 312.4 | 417.5 | 425.5 |
| Safflower (Kardi Seed) | 0.01 | 184.4 | 228.1 | 169.1 | 143.6 | 167.1 | 192.3 | 174.2 | 199.1 |
| Sunflower | 0.01 | 103.0 | 120.5 | 122.2 | 134.6 | 138.4 | 149.5 | 158.0 | 136.0 |
| Soyabean | 0.08 | 132.0 | 130.9 | 124.7 | 140.8 | 162.7 | 181.7 | 193.8 | 183.3 |
| a1 EDIBLE OILS | 0.37 | 100.7 | 129.8 | 141.2 | 128.4 | 140.8 | 211.9 | 226.3 | 216.5 |
| Gingelly Oil | 3.04 | 116.0 | 121.6 | 114.4 | 120.6 | 135.7 | 148.1 | 147.0 | 145.0 |
| Mustard & Rapeseed Oil | 0.05 | 113.4 | 129.5 | 127.9 | 134.2 | 146.4 | 171.3 | 183.1 | 178.5 |
| Copra Oil | 0.45 | 109.3 | 122.4 | 115.3 | 116.3 | 135.9 | 154.2 | 154.0 | 157.5 |
| Groundnut Oil | 0.10 | 93.7 | 99.9 | 94.6 | 100.1 | 119.9 | 114.4 | 121.2 | 139.8 |
| Cotton Seed Oil | 0.30 | 133.6 | 131.2 | 127.8 | 145.3 | 163.8 | 192.6 | 181.6 | 167.3 |
| Sunflower Oil | 0.26 | 132.9 | 142.7 | 118.1 | 124.3 | 149.5 | 175.5 | 176.8 | 175.7 |
| Soyabean Oil | 0.17 | 125.1 | 124.1 | 113.2 | 120.4 | 132.0 | 138.0 | 131.8 | 124.9 |
| B. FRUITS & VEGETABLES | | | | | | | | | |
| b1. VEGETABLES | 3.84 | 124.6 | 134.9 | 147.8 | 172.1 | 183.2 | 198.4 | 244.3 | 257.3 |
| | 1.74 | 137.1 | 141.9 | 161.8 | 182.8 | 179.3 | 210.1 | 294.5 | 276.6 |

(Contd.)

Table 12.6(a) (*Contd.*)

| Commodity | Weight | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 |
|-----------------------------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
| Potato | 0.20 | 146.9 | 110.3 | 206.2 | 132.0 | 129.0 | 207.0 | 220.1 | 297.2 |
| Onion | 0.18 | 174.7 | 177.8 | 204.3 | 259.6 | 186.7 | 232.5 | 482.2 | 333.7 |
| b2. FRUITS | 2.11 | 114.4 | 129.1 | 136.2 | 163.2 | 186.4 | 188.8 | 202.9 | 241.5 |
| Banana | 0.34 | 120.6 | 132.5 | 146.6 | 163.0 | 173.4 | 210.5 | 246.6 | 288.2 |
| Apple | 0.10 | 124.6 | 134.7 | 171.2 | 173.6 | 220.4 | 241.4 | 228.6 | 240.1 |
| Orange | 0.13 | 113.5 | 138.3 | 148.6 | 185.3 | 237.4 | 228.3 | 208.9 | 237.7 |
| C. CONDIMENTS & SPICES | 0.57 | 142.9 | 151.2 | 182.7 | 244.0 | 237.5 | 209.5 | 245.6 | 298.8 |
| Black Pepper | 0.03 | 184.6 | 180.8 | 186.3 | 247.1 | 402.9 | 519.0 | 553.2 | 736.7 |
| Chillies (Dry) | 0.16 | 157.1 | 182.6 | 205.2 | 221.8 | 277.1 | 235.1 | 267.0 | 296.7 |
| Turmeric | 0.08 | 82.8 | 105.4 | 210.3 | 401.7 | 214.9 | 166.3 | 215.3 | 229.6 |
| D. RAW COTTON | 0.70 | 111.8 | 141.2 | 138.6 | 199.3 | 225.2 | 206.0 | 236.5 | 206.1 |
| E. RAW JUTE | 0.06 | 122.4 | 137.9 | 160.5 | 210.7 | 222.5 | 242.4 | 261.9 | 288.1 |

Source: Office of the Economic Adviser, Ministry of Commerce & Industry.

Table 12.6(b): Growth Rate (Inflation) of Wholesale Price Index of Commercial Crops (Base: 2004=100)

| Commodity | Weight | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 |
|-----------------------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
| A. OIL SEEDS | | | | | | | | | |
| Groundnut Seed | 1.78 | 19.8 | 15.9 | 2.9 | 4.7 | 12.3 | 24.7 | 2.3 | 3.1 |
| Rape & Mustard Seed | 0.40 | 28.1 | 2.8 | 2.5 | 11.4 | 21.4 | 23.4 | -11.3 | -4.0 |
| Cotton Seed | 0.34 | 18.2 | 22.2 | -3.6 | -3.0 | 10.9 | 35.3 | -6.6 | 2.5 |
| Copra (Coconut) | 0.21 | 16.2 | 12.2 | 5.0 | 0.4 | 8.0 | 13.1 | 9.5 | -2.7 |
| Gingelly Seed (Sesamum) | 0.25 | -7.3 | 24.1 | -14.6 | 31.6 | 21.5 | -18.2 | 27.1 | 58.6 |
| Niger Seed | 0.07 | 9.4 | 23.2 | 40.6 | 6.0 | -17.7 | 53.3 | 33.7 | 1.9 |
| Safflower (Kardi Seed) | 0.01 | 80.6 | 23.7 | -25.9 | -15.1 | 16.4 | 15.1 | -9.4 | 14.3 |
| Sunflower | 0.08 | 29.9 | -0.9 | -4.7 | 12.9 | 15.6 | 11.7 | 6.6 | -5.4 |
| Soyabean | 0.37 | 26.7 | 28.9 | 8.9 | -9.1 | 9.7 | 50.5 | 6.8 | -4.4 |
| a1. EDIBLE OILS | | | | | | | | | |
| Gingelly Oil | 3.04 | 13.2 | 4.8 | -5.9 | 5.4 | 12.6 | 9.1 | -0.8 | -1.3 |
| Mustard & Rapeseed Oil | 0.05 | 16.7 | 14.2 | -1.2 | 4.9 | 9.0 | 17.0 | 6.9 | -2.5 |
| Copra Oil | 0.45 | 12.8 | 12.0 | -5.8 | 0.9 | 16.8 | 13.5 | -0.1 | 2.3 |
| Groundnut Oil | 0.10 | -0.5 | 6.6 | -5.3 | 5.8 | 19.8 | -4.6 | 5.9 | 15.4 |
| Cotton Seed Oil | 0.30 | 22.1 | -1.8 | -2.6 | 13.6 | 12.8 | 17.5 | -5.7 | -7.9 |
| Sunflower Oil | 0.26 | 25.0 | 7.4 | -17.2 | 5.2 | 20.3 | 17.4 | 0.8 | -0.6 |
| Soyabean Oil | 0.17 | 19.5 | -0.8 | -8.8 | 6.4 | 9.6 | 4.5 | -4.5 | -5.2 |
| B. FRUITS & VEGETABLES | | | | | | | | | |
| b1. VEGETABLES | 3.84 | 11.5 | 8.2 | 9.6 | 16.4 | 6.5 | 8.3 | 23.1 | 5.4 |
| Potato | 1.74 | 19.9 | 3.5 | 14.0 | 13.0 | -2.0 | 17.2 | 40.2 | 6.1 |
| | 0.20 | 10.8 | -24.9 | 87.0 | -36.0 | -2.3 | 60.5 | 6.3 | 35.1 |

Table 12.6(b) (*Contd.*)

| Commodity (1) | Weight (2) | 2007-08 (3) | 2008-09 (4) | 2009-10 (5) | 2010-11 (6) | 2011-12 (7) | 2012-13 (8) | 2013-14 (9) | 2014-15 (10) |
|-----------------------------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|
| Onion | 0.18 | 50.7 | 1.8 | 14.9 | 27.1 | -28.1 | 24.6 | 107.4 | -30.8 |
| b2. FRUITS | 2.11 | 4.3 | 12.9 | 5.5 | 19.8 | 14.2 | 1.3 | 7.5 | 19.0 |
| Banana | 0.34 | 4.6 | 9.9 | 10.7 | 11.2 | 6.4 | 21.4 | 17.2 | 16.9 |
| Apple | 0.10 | -0.1 | 8.1 | 27.1 | 1.4 | 27.0 | 9.5 | -5.3 | 5 |
| Orange | 0.13 | -7.9 | 21.8 | 7.5 | 24.7 | 28.1 | -3.8 | -8.5 | 13.8 |
| C. CONDIMENTS & SPICES | 0.57 | 4.5 | 5.8 | 20.8 | 33.6 | -2.6 | -11.8 | 17.2 | 21.7 |
| Black Pepper | 0.03 | 39.4 | -2.1 | 3.0 | 32.7 | 63.1 | 28.8 | 6.6 | 33.2 |
| Chillies (Dry) | 0.16 | -3.2 | 16.3 | 12.4 | 8.1 | 24.9 | -15.2 | 13.6 | 11.1 |
| Turmeric | 0.08 | -6.1 | 27.4 | 99.5 | 91.0 | -46.5 | -22.6 | 29.4 | 6.6 |
| D. RAW COTTON | 0.70 | 15.7 | 26.3 | -1.9 | 43.9 | 13.0 | -8.5 | 14.8 | -12.9 |
| E. RAW JUTE | 0.06 | -10.0 | 12.6 | 16.4 | 31.3 | 5.6 | 8.9 | 8.1 | 10.0 |

Source: Office of the Economic Adviser, Ministry of Commerce & Industry.

13

Land Use Statistics

Table 13.1: Agricultural Land by use in India

| S. No. | Classification | 1950-51 | 1960-61 | 1970-71 | 1980-81 | 1990-91 | 2000-01 | 2001-02 | 2002-03 | 2003-04 |
|--------|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| I. | Geographical Area | 328.73 | 328.73 | 328.73 | 328.73 | 328.73 | 328.73 | 328.73 | 328.73 | 328.73 |
| II. | Reporting Area for Land Utilisation Statistics (1 to 5) | 284.32 | 298.46 | 303.75 | 304.16 | 304.86 | 305.19 | 305.13 | 305.36 | 305.57 |
| 1. | Forest | 40.48 | 54.05 | 63.83 | 67.46 | 67.81 | 69.84 | 69.72 | 69.82 | 69.97 |
| % | | 14.24 | 18.11 | 21.01 | 22.18 | 22.24 | 22.88 | 22.85 | 22.87 | 22.90 |
| 2. | Not Available for Cultivation (A+B) | 47.52 | 50.75 | 44.61 | 39.55 | 40.48 | 41.23 | 41.33 | 41.64 | 41.98 |
| (A) | Area Under Non-agricultural Uses | 9.36 | 14.84 | 16.48 | 19.60 | 21.09 | 23.75 | 23.91 | 24.12 | 24.52 |
| % | | 3.29 | 4.97 | 5.42 | 6.44 | 6.92 | 7.78 | 7.84 | 7.90 | 8.02 |
| (B) | Barren & Un-culturable Land | 38.16 | 35.91 | 28.13 | 19.96 | 19.39 | 17.48 | 17.41 | 17.52 | 17.47 |
| % | | 13.42 | 12.03 | 9.26 | 6.56 | 6.36 | 5.73 | 5.71 | 5.74 | 5.72 |
| 3. | Other Uncultivated land excluding Fallow Land (A+B+C) | 49.45 | 37.64 | 35.13 | 32.31 | 30.22 | 27.74 | 27.49 | 27.53 | 27.11 |
| (A) | Permanent Pasture & other Grazing Land | 6.68 | 13.97 | 13.26 | 11.99 | 11.40 | 10.66 | 10.53 | 10.45 | 10.48 |
| % | | 2.35 | 4.68 | 4.37 | 3.94 | 3.74 | 3.49 | 3.45 | 3.42 | 3.43 |
| (B) | Land under Miscellaneous Tree Crops & Groves not included in Net Area Sown | 19.83 | 4.46 | 4.37 | 3.58 | 3.82 | 3.44 | 3.44 | 3.43 | 3.38 |
| % | | 6.97 | 1.49 | 1.44 | 1.18 | 1.25 | 1.13 | 1.13 | 1.12 | 1.11 |
| (C) | Culturable Waste Land | 22.94 | 19.21 | 17.50 | 16.74 | 15.00 | 13.63 | 13.52 | 13.65 | 13.24 |
| % | | 8.07 | 6.44 | 5.76 | 5.51 | 4.92 | 4.47 | 4.43 | 4.47 | 4.33 |

(Contd.)

Table 13.1 (*Contd.*)

| S.No. | Classification | 2004-05 | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 |
|-------|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| (1) | (2) | (12) | (13) | (14) | (15) | (16) | (17) | (18) | (19) | (20) |
| I. | Geographical Area | 328.73 | 328.73 | 328.73 | 328.73 | 328.73 | 328.73 | 328.73 | 328.73 | 328.73 |
| II. | Reporting Area for Land Utilization Statistics (1to5) | 305.59 | 305.45 | 305.65 | 305.67 | 305.84 | 305.84 | 305.92 | 305.83 | 305.94 |
| 1. | Forest | 69.96 | 69.99 | 70.03 | 69.96 | 69.98 | 69.99 | 70.03 | 70.04 | 70.01 |
| % | | 22.89 | 22.92 | 22.91 | 22.89 | 22.88 | 22.88 | 22.89 | 22.90 | 22.88 |
| 2. | Not Available for Cultivation (A+B) | 42.23 | 42.32 | 42.73 | 42.90 | 43.06 | 43.33 | 43.57 | 43.53 | 43.74 |
| (A) | Area Under Non-agricultural Uses | 24.76 | 24.99 | 25.45 | 25.88 | 26.21 | 26.16 | 26.40 | 26.31 | 26.45 |
| % | | 8.10 | 8.18 | 8.32 | 8.47 | 8.57 | 8.55 | 8.63 | 8.60 | 8.65 |
| (B) | Barren & Un-culturable Land | 17.47 | 17.33 | 17.29 | 17.02 | 16.85 | 17.18 | 17.18 | 17.22 | 17.28 |
| % | | 5.72 | 5.67 | 5.66 | 5.57 | 5.51 | 5.62 | 5.61 | 5.63 | 5.65 |
| 3. | Other Uncultivated land excluding Fallow Land (A+B+C) | 27.09 | 27.06 | 27.04 | 26.81 | 26.42 | 26.50 | 26.16 | 26.12 | 25.98 |
| (A) | Permanent Pasture & other Grazing Land | 10.45 | 10.44 | 10.42 | 10.36 | 10.34 | 10.34 | 10.31 | 10.31 | 10.24 |
| % | | 3.42 | 3.42 | 3.41 | 3.39 | 3.38 | 3.38 | 3.37 | 3.37 | 3.35 |
| (B) | Land under Miscellaneous Tree Crops & Groves not included in Net Area Sown | 3.36 | 3.39 | 3.35 | 3.40 | 3.34 | 3.21 | 3.20 | 3.17 | 3.16 |
| % | | 1.10 | 1.11 | 1.10 | 1.11 | 1.09 | 1.05 | 1.05 | 1.04 | 1.03 |
| (C) | Culturable Waste Land | 13.27 | 13.22 | 13.27 | 13.04 | 12.73 | 12.95 | 12.65 | 12.64 | 12.58 |
| % | | 4.34 | 4.33 | 4.34 | 4.27 | 4.16 | 4.23 | 4.13 | 4.13 | 4.11 |

(Contd.)

Table 13.1 (*Contd.*)

| S.No. | Classification | 1950-51 | 1960-61 | 1970-71 | 1980-81 | 1990-91 | 2000-01 | 2001-02 | 2002-03 | 2003-04 |
|-------|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| | 4. Fallow Lands (A+B) | 28.12 | 22.82 | 19.33 | 24.55 | 23.37 | 25.04 | 25.86 | 34.43 | 25.80 |
| | (A) Fallow Lands other than Current Fallows | 17.45 | 11.18 | 8.73 | 9.72 | 9.66 | 10.27 | 10.51 | 11.97 | 11.31 |
| % | | 6.14 | 3.75 | 2.87 | 3.20 | 3.17 | 3.36 | 3.45 | 3.92 | 3.70 |
| | (B) Current Fallows | 10.68 | 11.64 | 10.60 | 14.83 | 13.70 | 14.78 | 15.34 | 22.46 | 14.49 |
| % | | 3.76 | 3.90 | 3.49 | 4.88 | 4.49 | 4.84 | 5.03 | 7.36 | 4.74 |
| | 5. Net Area Sown (6-7) | 118.75 | 133.20 | 140.86 | 140.29 | 142.87 | 141.34 | 140.73 | 131.94 | 140.71 |
| % | | 41.77 | 44.63 | 46.37 | 46.12 | 46.86 | 46.31 | 46.12 | 43.21 | 46.05 |
| | 6. Total Cropped Area (Gross Cropped Area) | 131.89 | 152.77 | 165.79 | 172.63 | 185.74 | 185.34 | 188.01 | 173.89 | 189.66 |
| | 7. Area Sown more than once | 13.15 | 19.57 | 24.93 | 34.63 | 42.87 | 44.00 | 47.28 | 41.95 | 48.95 |
| | 8. Cropping Intensity* | 111.07 | 114.69 | 117.70 | 123.05 | 130.01 | 131.13 | 133.60 | 131.79 | 134.79 |
| III. | Net Irrigated Area | 20.85 | 24.66 | 31.10 | 38.72 | 48.02 | 55.20 | 56.94 | 53.90 | 57.10 |
| IV. | Gross Irrigated Area | 22.56 | 27.98 | 38.20 | 49.78 | 63.20 | 76.19 | 78.37 | 73.06 | 78.00 |

(Contd.)

Table 13.1 (*Contd.*)

| S.No. | Classification | 2004-05 | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 |
|---|----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| (1) | (2) | (12) | (13) | (14) | (15) | (16) | (17) | (18) | (19) | (20) |
| 4. Fallow Lands (A+B) | | 25.67 | 24.91 | 26.03 | 24.48 | 26.85 | 24.60 | 25.18 | 26.28 | |
| (A) Fallow Lands other than Current Fallows | | 10.88 | 10.70 | 10.52 | 10.33 | 10.29 | 10.84 | 10.32 | 10.66 | 11.00 |
| % | | 3.56 | 3.50 | 3.44 | 3.38 | 3.36 | 3.54 | 3.37 | 3.49 | 3.60 |
| (B) Current Fallows | | 14.79 | 14.21 | 15.51 | 14.65 | 14.19 | 16.01 | 14.28 | 14.51 | 15.28 |
| % | | 4.84 | 4.65 | 5.07 | 4.79 | 4.64 | 5.23 | 4.67 | 4.75 | 5.00 |
| 5. Net Area Sown (6-7) | | 140.64 | 141.16 | 139.82 | 141.02 | 141.90 | 139.17 | 141.56 | 140.97 | 139.93 |
| % | | 46.02 | 46.21 | 45.75 | 46.13 | 46.40 | 45.50 | 46.27 | 46.10 | 45.74 |
| 6. Total Cropped Area (Gross Cropped Area) | | 191.10 | 192.74 | 192.38 | 195.22 | 195.33 | 189.00 | 197.56 | 195.63 | 194.40 |
| 7. Area Sown more than once | | 50.46 | 51.58 | 52.56 | 54.21 | 53.43 | 49.83 | 56.00 | 54.66 | 54.47 |
| 8. Cropping Intensity* | | 135.88 | 136.54 | 137.59 | 138.44 | 137.65 | 135.80 | 139.56 | 138.77 | 138.92 |
| III. Net Irrigated Area | | 59.23 | 60.84 | 62.74 | 63.19 | 63.64 | 61.94 | 63.66 | 65.69 | 66.10 |
| IV. Gross Irrigated Area | | 81.08 | 84.28 | 86.75 | 88.06 | 88.90 | 85.08 | 88.89 | 91.73 | 92.58 |

Source: Directorate of Economics & Statistics, DAC&FW

Note:

1. Percentage worked out over Reported Area
2. In 2009-10 there is significant decline in Total Cropped Area and Net Area Sown due to decline in net area sown in the states of Andhra Pradesh, Bihar, Jharkhand, Rajasthan, Tamil Nadu, Uttar Pradesh and West Bengal. This was mainly due to deficient rainfall.

P Provisional

*Cropping Intensity is percentage of the gross cropped area to the net area sown.

Table 13.2: Selected Categories of Land Use

| Year | Net area sown | Total cropped area | Area sown more than once (3-2) | Net Irrigated Area | Gross Irrigated Area | (Million Hectares) |
|---------|---------------|--------------------|--------------------------------|--------------------|----------------------|-------------------------------------|
| | | | | | | Area Irrigated more than once (6-5) |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| 1950-51 | 118.75 | 131.89 | 13.15 | 20.85 | 22.56 | 1.71 |
| 1951-52 | 119.40 | 133.23 | 13.83 | 21.05 | 23.18 | 2.13 |
| 1952-53 | 123.44 | 137.68 | 14.23 | 21.12 | 23.31 | 2.18 |
| 1953-54 | 126.81 | 142.48 | 15.67 | 21.87 | 24.36 | 2.49 |
| 1954-55 | 127.85 | 144.09 | 16.24 | 22.09 | 24.95 | 2.86 |
| 1955-56 | 129.16 | 147.31 | 18.16 | 22.76 | 25.64 | 2.88 |
| 1956-57 | 130.85 | 149.49 | 18.64 | 22.53 | 25.71 | 3.17 |
| 1957-58 | 129.08 | 145.83 | 16.75 | 23.16 | 26.63 | 3.47 |
| 1958-59 | 131.83 | 151.63 | 19.80 | 23.40 | 26.95 | 3.55 |
| 1959-60 | 132.94 | 152.82 | 19.89 | 24.04 | 27.45 | 3.42 |
| 1960-61 | 133.20 | 152.77 | 19.57 | 24.66 | 27.98 | 3.32 |
| 1961-62 | 135.40 | 156.21 | 20.81 | 24.88 | 28.46 | 3.58 |
| 1962-63 | 136.34 | 156.76 | 20.42 | 25.67 | 29.45 | 3.79 |
| 1963-64 | 136.48 | 156.96 | 20.48 | 25.89 | 29.71 | 3.82 |
| 1964-65 | 138.12 | 159.23 | 21.11 | 26.60 | 30.71 | 4.10 |
| 1965-66 | 136.20 | 155.28 | 19.08 | 26.34 | 30.90 | 4.56 |
| 1966-67 | 137.23 | 157.36 | 20.12 | 26.91 | 32.68 | 5.78 |
| 1967-68 | 139.88 | 163.74 | 23.86 | 27.19 | 33.21 | 6.01 |
| 1968-69 | 137.31 | 159.53 | 22.22 | 29.01 | 35.48 | 6.47 |
| 1969-70 | 138.70 | 162.27 | 23.57 | 30.20 | 36.97 | 6.78 |
| 1970-71 | 140.86 | 165.79 | 24.93 | 31.10 | 38.20 | 7.09 |
| 1971-72 | 139.72 | 165.19 | 25.47 | 31.55 | 38.43 | 6.88 |
| 1972-73 | 137.14 | 162.15 | 25.01 | 31.83 | 39.06 | 7.22 |
| 1973-74 | 142.42 | 169.87 | 27.46 | 32.55 | 40.28 | 7.74 |
| 1974-75 | 137.79 | 164.19 | 26.40 | 33.71 | 41.74 | 8.03 |
| 1975-76 | 141.65 | 171.30 | 29.64 | 34.59 | 43.36 | 8.77 |
| 1976-77 | 139.48 | 167.33 | 27.86 | 35.15 | 43.55 | 8.40 |
| 1977-78 | 141.95 | 172.23 | 30.28 | 36.55 | 46.08 | 9.53 |
| 1978-79 | 142.98 | 174.80 | 31.82 | 38.06 | 48.31 | 10.25 |
| 1979-80 | 138.90 | 169.59 | 30.69 | 38.52 | 49.21 | 10.69 |
| 1980-81 | 140.29 | 172.63 | 32.34 | 38.72 | 49.78 | 11.06 |
| 1981-82 | 142.12 | 176.75 | 34.63 | 40.50 | 51.41 | 10.91 |
| 1982-83 | 140.81 | 172.75 | 31.94 | 40.69 | 51.83 | 11.14 |

(Contd.)

Table: 13.2 (*Contd.*)

| Year | Net area sown | Total cropped area | Area sown more than once (3-2) | Net Irrigated Area | Gross Irrigated Area | (Million Hectares) |
|------------|---------------|--------------------|--------------------------------|--------------------|----------------------|-------------------------------------|
| | | | | | | Area Irrigated more than once (6-5) |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| 1983-84 | 143.21 | 179.56 | 36.35 | 41.95 | 53.82 | 11.88 |
| 1984-85 | 140.90 | 176.33 | 35.43 | 42.15 | 54.53 | 12.38 |
| 1985-86 | 140.90 | 178.46 | 37.56 | 41.87 | 54.28 | 12.42 |
| 1986-87 | 139.58 | 176.41 | 36.83 | 42.57 | 55.76 | 13.19 |
| 1987-88 | 134.09 | 170.74 | 36.65 | 42.89 | 56.04 | 13.14 |
| 1988-89 | 141.89 | 182.28 | 40.39 | 46.15 | 61.13 | 14.98 |
| 1989-90 | 142.34 | 182.27 | 39.93 | 46.70 | 61.85 | 15.15 |
| 1990-91 | 143.00 | 185.74 | 42.74 | 48.02 | 63.20 | 15.18 |
| 1991-92 | 141.63 | 182.24 | 40.61 | 49.87 | 65.68 | 15.81 |
| 1992-93 | 142.72 | 185.70 | 42.98 | 50.29 | 66.76 | 16.47 |
| 1993-94 | 142.34 | 186.58 | 44.25 | 51.34 | 68.26 | 16.92 |
| 1994-95 | 142.96 | 188.05 | 45.09 | 53.00 | 70.65 | 17.65 |
| 1995-96 | 142.20 | 187.47 | 45.27 | 53.40 | 71.35 | 17.95 |
| 1996-97 | 142.93 | 189.50 | 46.57 | 55.11 | 76.03 | 20.91 |
| 1997-98 | 141.95 | 189.99 | 48.04 | 55.21 | 75.67 | 20.46 |
| 1998-99 | 142.75 | 191.65 | 48.90 | 57.44 | 78.67 | 21.23 |
| 1999-00 | 141.06 | 188.40 | 47.33 | 57.53 | 79.22 | 21.69 |
| 2000-01 | 141.34 | 185.34 | 44.00 | 55.20 | 76.19 | 20.98 |
| 2001-02 | 140.73 | 188.01 | 47.28 | 56.94 | 78.37 | 21.44 |
| 2002-03 | 131.94 | 173.89 | 41.95 | 53.90 | 73.06 | 19.16 |
| 2003-04 | 140.71 | 189.66 | 48.95 | 57.06 | 78.04 | 20.98 |
| 2004-05 | 140.64 | 191.10 | 50.46 | 59.23 | 81.08 | 21.85 |
| 2005-06 | 141.16 | 192.74 | 51.58 | 60.84 | 84.28 | 23.44 |
| 2006-07 | 139.82 | 192.38 | 52.56 | 62.74 | 86.75 | 24.01 |
| 2007-08 | 141.02 | 195.22 | 54.21 | 63.19 | 88.06 | 24.87 |
| 2008-09(P) | 141.90 | 195.33 | 53.43 | 63.64 | 88.90 | 25.26 |
| 2009-10(P) | 139.17 | 189.00 | 49.83 | 61.94 | 85.08 | 23.15 |
| 2010-11(P) | 141.56 | 197.56 | 56.00 | 63.66 | 88.89 | 25.23 |
| 2011-12(P) | 140.97 | 195.63 | 54.66 | 65.69 | 91.73 | 26.04 |
| 2012-13(P) | 139.93 | 194.40 | 54.47 | 66.10 | 92.58 | 26.47 |

Source: Directorate of Economics & Statistics, DAC&FW

P: Provisional

Table 13.3 : Gross Cropped Area Percentage Distribution

| Crop | Percentage Share of Area to Gross Cropped Area | |
|---------------------------|--|---------------|
| | 2011-12* | 2012-13* |
| (1) | (2) | (3) |
| Rice | 22.34 | 21.99 |
| Jowar | 3.16 | 3.24 |
| Bajra | 4.51 | 3.94 |
| Maize | 4.39 | 4.40 |
| Ragi | 0.60 | 0.57 |
| Wheat | 15.41 | 15.69 |
| Barley | 0.34 | 0.36 |
| Other Cereals & Millets | 0.44 | 0.41 |
| Coarse Cereals | 13.44 | 12.93 |
| Total Cereals | 51.19 | 50.62 |
| Gram | 3.97 | 4.10 |
| Tur | 1.92 | 1.80 |
| Other Pulses | 6.08 | 5.39 |
| Total Pulses | 11.97 | 11.30 |
| Total Food-grains | 63.17 | 61.91 |
| Sugarcane | 2.76 | 2.80 |
| Condiments & Spices | 1.86 | 1.70 |
| Total Fruits | 2.06 | 2.22 |
| Potatoes | 0.83 | 0.85 |
| Onions | 0.32 | 0.28 |
| Total Vegetables | 2.78 | 2.83 |
| Groundnut | 2.66 | 2.71 |
| Sesamum | 0.97 | 0.92 |
| Rapeseed & Mustard | 2.80 | 3.06 |
| Linseed | 0.12 | 0.12 |
| Other Oil Seeds | 7.80 | 8.15 |
| Total Oil Seeds | 14.36 | 14.97 |
| Cotton | 6.22 | 6.11 |
| Jute | 0.41 | 0.40 |
| Mesta | 0.04 | 0.04 |
| Total Fibers | 6.71 | 6.58 |
| Tobacco | 0.20 | 0.22 |
| Other Crops | 6.11 | 6.77 |
| Gross Cropped Area | 100.00 | 100.00 |

Source: Directorate of Economics & Statistics, DAC&FW

* Provisional

Table 13.4: State-wise Percent Coverage of Irrigated Area under Principal Crops during 2012-13 (Provisional)

| State/UT | Rice | Jowar | Bajra | Maize | Wheat | Barley | Coarse Cereals | Total Cereals | Gram | Tur or Arhar | Total Pulses |
|--------------------|------|-------|-------|-------|-------|--------|----------------|---------------|------|--------------|--------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Andhra Pradesh | 96.8 | 18.6 | 23.6 | 49.5 | 97.0 | - | 39.7 | 80.9 | 1.7 | 0.5 | 2.2 |
| Arunachal Pradesh | 37.4 | - | - | - | 43.5 | - | - | 25.0 | - | - | - |
| Assam** | 4.9 | - | - | 0.4 | 2.7 | - | 0.3 | 4.9 | - | - | - |
| Bihar | 62.4 | 23.0 | 0.4 | 65.2 | 94.6 | 25.7 | 63.4 | 73.9 | 9.5 | 1.6 | 16.2 |
| Chhattisgarh | 35.3 | 1.6 | - | 9.7 | 75.0 | 5.6 | 4.3 | 34.3 | 40.5 | - | 13.1 |
| Goa | 31.8 | - | - | - | - | - | - | 31.8 | - | - | 8.9 |
| Gujarat** | 61.5 | 19.8 | 22.3 | 12.5 | 90.8 | 46.9 | 18.8 | 52.3 | 43.8 | 7.5 | 13.5 |
| Haryana | 99.9 | 76.7 | 41.7 | 24.3 | 99.5 | 94.0 | 49.8 | 93.5 | 19.0 | 90.0 | 36.3 |
| Himachal Pradesh** | 64.8 | - | 33.2 | 8.9 | 21.6 | 12.6 | 9.4 | 20.7 | 10.0 | 100.0 | 17.1 |
| Jammu & Kashmir | 90.5 | - | 4.1 | 9.4 | 28.5 | 13.1 | 11.5 | 39.7 | 12.7 | - | 13.5 |
| Jharkhand | 6.4 | - | - | 1.0 | 96.0 | 15.3 | 1.0 | 10.6 | 3.7 | 0.1 | 0.8 |
| Karnataka | 72.2 | 11.5 | 12.9 | 36.1 | 55.2 | - | 20.1 | 35.0 | 12.2 | 5.1 | 7.6 |
| Kerala | 74.5 | - | - | - | - | - | - | 74.3 | - | - | - |
| Madhya Pradesh | 26.0 | 0.2 | 0.1 | 2.1 | 90.8 | 58.4 | 4.1 | 62.2 | 57.9 | 1.6 | 38.5 |
| Maharashtra** | 26.1 | 9.5 | 5.0 | 12.7 | 73.9 | - | 9.0 | 19.5 | 24.3 | 1.6 | 9.1 |
| Manipur** | 30.7 | - | - | - | - | - | - | 27.0 | - | - | - |
| Meghalaya | 88.3 | - | - | - | 100.0 | - | - | 74.3 | - | - | - |
| Mizoram | 59.2 | - | - | - | - | - | - | 47.4 | - | - | - |
| Nagaland | 48.2 | - | - | 0.7 | 17.1 | - | 0.6 | 33.5 | 10.5 | - | 0.9 |

(Contd.)

Table 13.4 (*Contd.*)

| State/UT | Rice | Jowar | Bajra | Maize | Wheat | Barley | Coarse Cereals | Total Cereals | Gram | Tur or Arhar | Total Pulses |
|------------------|-------------|------------|------------|-------------|-------------|-------------|----------------|---------------|-------------|--------------|--------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Odisha | 34.0 | - | - | 3.9 | 100.0 | - | 2.5 | 32.6 | - | - | 5.8 |
| Punjab | 99.6 | - | 84.8 | 76.0 | 98.9 | 97.7 | 78.1 | 98.8 | 90.9 | 92.9 | 88.0 |
| Rajasthan | 51.6 | 0.2 | 3.3 | 1.0 | 99.2 | 96.9 | 7.4 | 38.7 | 49.2 | 9.3 | 21.1 |
| Sikkim** | 84.5 | - | - | 3.0 | 17.0 | 12.1 | 3.4 | 19.7 | - | - | 3.0 |
| Tamil Nadu | 92.2 | 13.8 | 14.4 | 38.8 | 18.1 | - | 24.9 | 71.9 | 3.3 | 5.6 | 9.3 |
| Tripura* | 38.4 | - | - | 13.4 | - | - | 13.4 | 38.0 | 57.1 | 27.9 | 15.9 |
| Uttarakhand | 70.3 | - | - | 1.3 | 57.7 | 1.4 | 0.4 | 46.4 | 80.8 | 0.1 | 9.8 |
| Uttar Pradesh | 83.1 | 0.6 | 8.9 | 37.4 | 98.4 | 72.0 | 24.6 | 84.8 | 17.7 | 12.8 | 23.8 |
| West Bengal** | 48.2 | 19.6 | 94.6 | 14.4 | 95.9 | 53.0 | 18.6 | 50.2 | 30.6 | 27.1 | 23.4 |
| ALL INDIA | 58.3 | 9.7 | 9.1 | 25.5 | 93.4 | 76.5 | 16.5 | 58.5 | 36.5 | 4.0 | 18.6 |

(Contd.)

Table 13.4 (*Contd.*)

| State/UT | Total Foodgrains | Sugarcane | Groundnut | Rapeseed & Mustard | Soybean | Sunflower | Total Oilseeds | Cotton | Tobacco | Total area under all crops |
|--------------------|---------------------|-----------|-----------|-----------------------|---------|-----------|-------------------|--------|---------|----------------------------------|
| (1) | (13) | (14) | (15) | (16) | (17) | (18) | (19) | (20) | (21) | (22) |
| Andhra Pradesh | 58.9 | 95.1 | 24.1 | 8.1 | 12.5 | 48.7 | 25.6 | 14.0 | 29.2 | 45.9 |
| Arunachal Pradesh | 23.9 | - | - | - | - | - | - | - | - | 19.9 |
| Assam** | 4.6 | - | - | - | - | - | 0.4 | - | - | 3.8 |
| Bihar | 69.5 | 76.6 | 17.1 | 62.2 | - | 92.2 | 57.1 | - | 97.5 | 68.5 |
| Chhattisgarh | 30.7 | 97.1 | 12.6 | 8.0 | 0.5 | 97.1 | 4.3 | 76.3 | 84.2 | 30.3 |
| Goa | 26.7 | 100.0 | - | - | - | - | 36.9 | - | - | 22.4 |
| Gujarat** | 45.1 | 94.5 | 12.4 | 95.3 | - | - | 31.1 | 58.7 | 100.0 | 46.9 |
| Haryana | 92.5 | 99.7 | 97.2 | 80.8 | - | 100.0 | 80.9 | 99.7 | 100.0 | 89.0 |
| Himachal Pradesh** | 20.6 | 53.9 | 4.8 | 15.4 | 32.5 | - | 18.5 | 37.5 | - | 20.6 |
| Jammu & Kashmir | 39.0 | 40.9 | - | 74.6 | - | - | 69.0 | - | - | 41.9 |
| Jharkhand** | 9.5 | 91.6 | - | 16.7 | - | - | 5.9 | - | - | 14.2 |
| Karnataka | 26.4 | 100.0 | 35.2 | 6.5 | 7.0 | 20.5 | 30.8 | 37.7 | 11.1 | 34.1 |
| Kerala | 73.2 | 97.4 | - | - | - | - | 20.6 | - | - | 17.7 |
| Madhya Pradesh | 54.1 | 99.5 | 8.1 | 51.8 | 0.3 | 89.6 | 5.5 | 53.5 | 71.6 | 38.8 |
| Maharashtra** | 16.3 | 100.0 | 20.8 | 9.0 | 0.4 | 22.8 | 3.3 | 2.7 | 16.7 | 18.5 |
| Manipur** | 23.1 | - | - | - | - | - | - | - | - | 15.7 |

(Contd.)

Table 13.4 (Contd.)

| State/UT | Total Foodgrains | Sugarcane | Groundnut | Rapeseed & Mustard | Soybean | Sunflower | Total Oilseeds | Cotton | Tobacco | Total area under all crops |
|------------------|------------------|-------------|-------------|--------------------|------------|-------------|----------------|-------------|-------------|----------------------------|
| (1) | (13) | (14) | (15) | (16) | (17) | (18) | (19) | (20) | (21) | (22) |
| Meghalaya | 70.0 | - | - | 58.0 | - | - | 41.3 | - | - | 36.8 |
| Mizoram | 42.2 | - | - | - | - | - | - | - | - | 12.6 |
| Nagaland | 29.6 | - | - | 6.7 | - | 2.2 | 3.9 | - | - | 18.9 |
| Odisha | 29.6 | 100.0 | 22.0 | 30.2 | - | - | 17.4 | - | - | 29.5 |
| Punjab | 98.7 | 95.9 | 34.2 | 93.1 | - | 100.0 | 88.1 | 100.0 | - | 98.4 |
| Rajasthan | 34.1 | 97.8 | 80.3 | 89.5 | 0.2 | - | 60.3 | 93.0 | 77.1 | 39.5 |
| Sikkim** | 18.1 | - | - | 20.0 | 1.5 | - | 11.3 | - | - | 13.5 |
| Tamil Nadu | 59.8 | 100.0 | 39.8 | 16.5 | 98.9 | 52.7 | 64.2 | 25.1 | 96.5 | 58.2 |
| Tripura** | 37.3 | 4.8 | 17.9 | 3.7 | - | - | 5.7 | 5.4 | - | 34.9 |
| Uttarakhand | 44.2 | 98.2 | 2.8 | 46.2 | 2.3 | - | 26.9 | - | - | 49.3 |
| Uttar Pradesh | 77.5 | 94.4 | 4.4 | 85.3 | 0.3 | 88.6 | 50.8 | 98.2 | 100.0 | 78.2 |
| West Bengal** | 49.3 | 59.3 | 82.1 | 88.1 | 87.5 | 81.6 | 82.6 | 79.2 | 97.5 | 63.1 |
| ALL INDIA | 51.2 | 95.1 | 26.0 | 76.5 | 0.6 | 29.7 | 28.4 | 33.8 | 54.3 | 47.6 |

Source: Directorate of Economics & Statistics, DAC&FW

** The figures related to irrigated area (Part-II) are either estimated based on the data for the latest available year received from the State/UT or are estimated/taken from Agriculture Census.

Table 13.5: Agricultural Land by Type of Use

| State/ UTs/ Year | Geographical area- area- | Reporting area for land utili- ation statistics | Forest | Land not available for cultivation | Other uncultivated land excluding Fallow Land | | | Fallow Land | Net area sown | Total cropped area | Agric. Land/ Cultivable Land/ Culturable Land/ Arable Land | Cropping Intensity (Col-1/4/ Col- 1*100) | | | |
|--------------------------|--------------------------------|---|--------|---|---|-----------------------------|---|-------------|------------------|--------------------------|---|---|-------|-------|-------|
| | | | | | Permanent pastures | Land under waste land | Culturable Misc. tree crops & groves not inclus. In net area sown | | | | | | | | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) |
| Andhra Pradesh | | | | | | | | | | | | | | | |
| 2010-11 | 27507 | 27505 | 6230 | 4899 | 554 | 290 | 626 | 1471 | 1490 | 2229 | 3719 | 11186 | 14512 | 15821 | 129.7 |
| 2011-12 | 27507 | 27505 | 6230 | 4827 | 553 | 289 | 614 | 1455 | 1558 | 2273 | 3831 | 11161 | 13759 | 15894 | 123.3 |
| 2012-13 | 27507 | 27505 | 6227 | 4833 | 515 | 278 | 587 | 1380 | 1610 | 2337 | 3947 | 11117 | 13650 | 15930 | 122.8 |
| Arunachal Pradesh | | | | | | | | | | | | | | | |
| 2010-11 | 8374 | 5661 | 5154 * | 64 | 18 | 37 | 64 | 120 | 70 | 40 | 109 | 213 | 278 | 424 | 130.5 |
| 2011-12 | 8374 | 5660 | 5154 * | 64 | 18 | 37 | 64 | 119 | 69 | 39 | 108 | 215 | 281 | 424 | 131.0 |
| 2012-13 | 8374 | 5661 | 5154 * | 64 | 18 | 36 | 64 | 119 | 69 | 38 | 107 | 216 | 285 | 424 | 131.7 |
| Assam | | | | | | | | | | | | | | | |
| 2010-11 | 7844 | 7850 | 1853 | 2626 | 160 | 196 | 77 | 432 | 50 | 79 | 128 | 2811 | 4160 | 3211 | 148.0 |
| 2011-12 | 7844 | 7850 | 1853 | 2620 | 160 | 196 | 78 | 434 | 52 | 81 | 132 | 2811 | 4174 | 3217 | 148.5 |
| 2012-13 * | 7844 | 7850 | 1853 | 2620 | 160 | 196 | 78 | 434 | 52 | 81 | 132 | 2811 | 4197 | 3217 | 149.3 |
| Bihar | | | | | | | | | | | | | | | |
| 2010-11 | 9416 | 9360 | 622 | 2131 | 16 | 245 | 45 | 306 | 122 | 920 | 1042 | 5259 | 7194 | 6591 | 136.8 |
| 2011-12 | 9416 | 9360 | 622 | 2134 | 16 | 245 | 45 | 306 | 121 | 781 | 902 | 5396 | 7647 | 6588 | 141.7 |
| 2012-13 | 9416 | 9360 | 622 | 2140 | 16 | 246 | 45 | 307 | 122 | 767 | 888 | 5402 | 7778 | 6582 | 144.0 |

(Contd.)

Table 13.5 (*Contd.*)

| | | Chhattisgarh | | Goa | | Gujarat | | Haryana | | Himachal Pradesh | | Jammu & Kashmir | | | | |
|------------------|-------|--------------|---------|---------|---------|---------|---------|-----------|-----------|------------------|---------|-----------------|---------|-------|-------------|-------|
| | | 2010-11 | 2011-12 | 2012-13 | 2010-11 | 2011-12 | 2012-13 | 2010-11 * | 2011-12 * | 2012-13 * | 2010-11 | 2011-12 | 2012-13 | | | |
| Chhattisgarh | | 13519 | 13790 | 6336 | 1019 | 855 | 1 | 355 | 1211 | 275 | 253 | 528 | 4697 | 5671 | 5580 | 120.8 |
| 2010-11 | 13519 | 13790 | 6352 | 1017 | 863 | 1 | 352 | 1216 | 257 | 270 | 527 | 4677 | 5664 | 5557 | 121.1 | |
| 2011-12 | 13519 | 13790 | 6352 | 1024 | 861 | 1 | 358 | 1220 | 265 | 257 | 522 | 4671 | 5691 | 5552 | 121.8 | |
| 2012-13 | 13519 | 13790 | 6352 | 1024 | 861 | 1 | 358 | 1220 | 265 | 257 | 522 | 4671 | 5691 | 5552 | 121.8 | |
| Goa | | 361 | 125 | 37 | 1 | 1 | 53 | 54 | 54 | 13 | 13 | 131 | 160 | 197 | 122.1 | |
| 2010-11 | 370 | 361 | 125 | 37 | 1 | 1 | 53 | 54 | 54 | 12 | 12 | 132 | 164 | 197 | 124.4 | |
| 2011-12 | 370 | 361 | 125 | 37 | 1 | 1 | 53 | 54 | 54 | 12 | 12 | 132 | 163 | 197 | 123.2 | |
| 2012-13 | 370 | 361 | 125 | 37 | 1 | 1 | 53 | 54 | 54 | 12 | 12 | 132 | 163 | 197 | 123.2 | |
| Gujarat | | 19602 | 19069 | 1834 | 3723 | 851 | 4 | 1960 | 2815 | 16 | 379 | 395 | 10302 | 12257 | 12661 | 119.0 |
| 2010-11 * | 19602 | 19069 | 1834 | 3723 | 851 | 4 | 1960 | 2815 | 16 | 379 | 395 | 10302 | 13086 | 12661 | 127.0 | |
| 2011-12 * | 19602 | 19069 | 1834 | 3723 | 851 | 4 | 1960 | 2815 | 16 | 379 | 395 | 10302 | 12600 | 12661 | 122.3 | |
| 2012-13 * | 19602 | 19069 | 1834 | 3723 | 851 | 4 | 1960 | 2815 | 16 | 379 | 395 | 10302 | 12600 | 12661 | 122.3 | |
| Haryana | | 421 | 4370 | 39 | 624 | 27 | 11 | 27 | 65 | 3 | 122 | 125 | 3518 | 5605 | 3681 | 184.9 |
| 2010-11 | 421 | 4371 | 39 | 606 | 28 | 9 | 27 | 64 | 21 | 128 | 149 | 3513 | 6489 | 3698 | 184.7 | |
| 2011-12 | 421 | 4371 | 40 | 643 | 25 | 4 | 26 | 55 | 18 | 103 | 121 | 3513 | 6376 | 3664 | 181.5 | |
| 2012-13 | 421 | 4371 | 40 | 643 | 25 | 4 | 26 | 55 | 18 | 103 | 121 | 3513 | 6376 | 3664 | 181.5 | |
| Himachal Pradesh | | 5567 | 4576 | 1126 | 1131 | 1508 | 65 | 124 | 1697 | 21 | 57 | 79 | 543 | 939 | 811 | 172.7 |
| 2010-11 | 5567 | 4576 | 1126 | 1131 | 1508 | 65 | 124 | 1697 | 21 | 57 | 79 | 543 | 940 | 811 | 172.9 | |
| 2011-12 * | 5567 | 4576 | 1126 | 1131 | 1508 | 65 | 124 | 1697 | 21 | 57 | 79 | 543 | 947 | 811 | 174.2 | |
| 2012-13 * | 5567 | 4576 | 1126 | 1131 | 1508 | 65 | 124 | 1697 | 21 | 57 | 79 | 543 | 947 | 811 | 174.2 | |
| Jammu & Kashmir | | 22224 | 3781 * | 2023 * | 578 | 119 | 66 | 135 | 321 | 26 | 101 | 127 | 732 | 1140 | 1061 | 155.8 |
| 2010-11 | 22224 | 3781 * | 2023 * | 572 | 123 | 61 | 135 | 319 | 13 | 108 | 121 | 746 | 1161 | 1063 | 155.6 | |
| 2011-12 | 22224 | 3781 * | 2023 * | 573 | 114 | 65 | 134 | 314 | 13 | 113 | 126 | 745 | 1162 | 1070 | 156(Contd.) | |
| 2012-13 | 22224 | 3781 * | 2023 * | 573 | 114 | 65 | 134 | 314 | 13 | 113 | 126 | 745 | 1162 | 1070 | 156(Contd.) | |

Table: 13.5 (*Contd.*)

| State/ UTs/ Year | Geographical Reporting area for land util- isation statistics | Forest | Land not available for cultivation | Other uncultivated land excluding Fallow Land | | | Fallow Land other than current fallow | Current fallow | Total fallow | Net area sown | Total cropped area | Agri/ Cultivable Land/ Culturable Land (Col- 13*100) | Cropping Intensity (Col-14/ Col- 13*100) | | |
|---------------------|--|--------|---|---|--------------------------|-------|--|-------------------|-----------------|------------------|--------------------------|--|---|-------|-------|
| | | | | Permanent pastures | Culturable waste land | Total | | | | | | | | | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) |
| Jharkhand | | | | | | | | | | | | | | | |
| 2010-11 | 7972 | 7970 | 2239 | 1332 | 110 | 93 | 336 | 539 | 1045 | 1729 | 2774 | 1085 | 1249 | 4288 | 115.1 |
| 2011-12 | 7972 | 7970 | 2239 | 1339 | 121 | 99 | 343 | 564 | 1047 | 1532 | 2578 | 1250 | 1430 | 4271 | 114.4 |
| 2012-13 | 7972 | 7970 | 2239 | 1281 | 114 | 102 | 349 | 565 | 1038 | 1440 | 2478 | 1406 | 1657 | 4336 | 117.9 |
| Karnataka | | | | | | | | | | | | | | | |
| 2010-11 | 19179 | 19050 | 3072 | 2217 | 912 | 286 | 414 | 1613 | 426 | 1199 | 1626 | 10523 | 13062 | 12849 | 124.1 |
| 2011-12 | 19179 | 19050 | 3072 | 2220 | 908 | 285 | 413 | 1607 | 539 | 1672 | 2210 | 9941 | 12059 | 12850 | 121.3 |
| 2012-13 | 19179 | 19050 | 3073 | 2222 | 908 | 283 | 413 | 1604 | 535 | 1822 | 2358 | 9793 | 11748 | 12846 | 120.0 |
| Kerala | | | | | | | | | | | | | | | |
| 2010-11 | 3886 | 3886 | 1082 | 510 | 0 | 4 | 92 | 96 | 52 | 76 | 128 | 2072 | 2647 | 2295 | 127.8 |
| 2011-12 | 3886 | 3886 | 1082 | 531 | 0 | 3 | 95 | 99 | 58 | 77 | 135 | 2040 | 2662 | 2274 | 130.5 |
| 2012-13 | 3886 | 3886 | 1082 | 525 | 0 | 3 | 97 | 100 | 56 | 77 | 133 | 2048 | 2592 | 2280 | 126.5 |
| Madhya Pradesh | | | | | | | | | | | | | | | |
| 2010-11 | 30825 | 30756 | 8697 | 3424 | 1328 | 28 | 1088 | 2444 | 568 | 503 | 1072 | 15119 | 22046 | 17307 | 145.8 |
| 2011-12 | 30825 | 30756 | 8691 | 3460 | 1321 | 23 | 1066 | 2410 | 535 | 424 | 958 | 15237 | 22516 | 17284 | 147.8 |
| 2012-13 | 30825 | 30756 | 8693 | 3513 | 1286 | 20 | 1025 | 2331 | 493 | 375 | 867 | 15552 | 23130 | 17264 | 150.7 |

(Contd.)

Table 13.5 (*Contd.*)

| Maharashtra* | | | | | | | | | | |
|--------------|--------|-------|-------|------|------|-----|-----|------|------|------|
| 2010-11 | 30771 | 30758 | 5216 | 3179 | 1242 | 250 | 919 | 2412 | 1179 | 1366 |
| 2011-12 | 30771 | 30758 | 5211 | 3179 | 1244 | 250 | 919 | 2413 | 1192 | 1378 |
| 2012-13 | 30771 | 30758 | 5207 | 3177 | 1245 | 251 | 916 | 2412 | 1200 | 1418 |
| Manipur* | | | | | | | | | | |
| 2010-11 | 2233 | 2125 | 1742* | 27 | 1 | 6 | 1 | 8 | 0 | 0 |
| 2011-12 | 2233 | 2142 | 1742* | 27 | 1 | 6 | 1 | 8 | 0 | 0 |
| 2012-13 | 2233 | 2086 | 1742* | 27 | 1 | 6 | 1 | 8 | 0 | 0 |
| Meghalaya | | | | | | | | | | |
| 2010-11 | 2243 | 2235 | 946 | 238 | 163 | 392 | 555 | 155 | 58 | 213 |
| 2011-12 | 2243 | 2241 | 946 | 239 | 164 | 391 | 555 | 155 | 60 | 215 |
| 2012-13 | 2242.9 | 2241 | 946 | 239 | 164 | 391 | 555 | 155 | 60 | 215 |
| Mizoram | | | | | | | | | | |
| 2010-11 | 2108 | 2099 | 1585 | 95 | 5 | 37 | 7 | 49 | 182 | 67 |
| 2011-12 | 2108 | 2075 | 1585 | 95 | 5 | 41 | 7 | 53 | 183 | 61 |
| 2012-13 | 2108 | 2094 | 1585 | 95 | 5 | 41 | 7 | 53 | 194 | 50 |
| Nagaland | | | | | | | | | | |
| 2010-11 | 1658 | 1625 | 863 | 89 | 103 | 52 | 155 | 100 | 55 | 155 |
| 2011-12 | 1658 | 1644 | 863 | 95 | 92 | 67 | 159 | 98 | 49 | 147 |
| 2012-13 | 1658 | 1652 | 863 | 95 | 94 | 70 | 164 | 99 | 50 | 150 |
| Odisha | | | | | | | | | | |
| 2010-11 | 15571 | 15472 | 5814 | 2279 | 513 | 220 | 520 | 1253 | 567 | 877 |
| 2011-12 | 15571 | 15367 | 5814 | 2297 | 508 | 200 | 536 | 1244 | 622 | 997 |
| 2012-13 | 15571 | 15502 | 5814 | 2409 | 536 | 198 | 551 | 1285 | 659 | 949 |

(Contd.)

Table 13.5 (Contd.)

| State/ UTs/ Year | Geographical area- area | Reporting area for land utilis- ation statistics | Forest | Land not available for cultivation | Other uncultivated land excluding Fallow Land | | | Fallow Land | | Net area sown | Total cropped area | Agri. Land/ Cultivable (Col.1/4/ Col. 13*100) | Cropping Intensity | | |
|---------------------|-------------------------------|--|--------|---|---|-----------------------------------|-------|---|-------|------------------|--------------------------|--|-----------------------|-------|-------|
| | | | | | Permanent pastures & other grazing land | Culturable under waste land | Total | Fallow Land other than current fallow | Total | | | | | | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) |
| Punjab | | | | | | | | | | | | | | | |
| 2010-11 | 5036 | 5033 | 294 | 533 | 4 | 4 | 12 | 4 | 33 | 37 | 4158 | 7883 | 4202 | 189.6 | |
| 2011-12 | 5036 | 5033 | 293 | 486 | 4 | 7 | 63 | 74 | 0 | 45 | 4134 | 7905 | 4250 | 191.2 | |
| 2012-13 | 5036 | 5033 | 262 | 480 | 5 | 9 | 62 | 76 | 6 | 58 | 4150 | 7870 | 4286 | 189.6 | |
| Rajasthan | | | | | | | | | | | | | | | |
| 2010-11 | 34224 | 34270 | 2743 | 4268 | 1694 | 21 | 4233 | 5949 | 1726 | 1235 | 2962 | 18349 | 26002 | 25565 | 141.7 |
| 2011-12 | 34224 | 34267 | 2747 | 4271 | 1694 | 21 | 4169 | 5884 | 1855 | 1477 | 3331 | 18034 | 24505 | 25555 | 135.9 |
| 2012-13 | 34224 | 34267 | 2750 | 4275 | 1694 | 23 | 4152 | 5870 | 2024 | 1869 | 3894 | 17479 | 23954 | 25548 | 137.0 |
| Sikkim* | | | | | | | | | | | | | | | |
| 2010-11 | 710 | 693 | 584 * | 11 | 8 | 3 | 11 | 4 | 5 | 9 | 77 | 152 | 98 | 195.7 | |
| 2011-12 | 710 | 693 | 584 * | 11 | 8 | 3 | 11 | 4 | 5 | 9 | 77 | 137 | 98 | 177.3 | |
| 2012-13 | 710 | 693 | 584 * | 11 | 8 | 3 | 11 | 4 | 5 | 9 | 77 | 144 | 98 | 185.7 | |
| Tamil Nadu | | | | | | | | | | | | | | | |
| 2010-11 | 13006 | 13033 | 2125 | 2666 | 110 | 252 | 331 | 693 | 1580 | 1015 | 2595 | 4954 | 5753 | 8132 | 116.1 |
| 2011-12 | 13006 | 13033 | 2125 | 2669 | 110 | 252 | 329 | 691 | 1594 | 967 | 2561 | 4986 | 5890 | 8129 | 118.1 |
| 2012-13 | 13006 | 13033 | 2125 | 2672 | 110 | 250 | 328 | 687 | 1696 | 1308 | 3004 | 4544 | 5140 | 8126 | 113.1 |

(Contd.)

Table 13.5 (*Contd.*)

| Tripura | | | | | | | | | | | | | |
|-------------------------|-------|-------|------|------|-----|-----|-----|-----|-----|------|------|-------|-------|
| 2010-11 * | 1049 | 1049 | 629 | 141 | 2 | 14 | 4 | 20 | 2 | 2 | 4 | 256 | 350 |
| 2011-12 * | 1049 | 1049 | 629 | 141 | 2 | 14 | 4 | 20 | 2 | 2 | 4 | 256 | 371 |
| 2012-13 * | 1049 | 1049 | 629 | 141 | 2 | 14 | 4 | 20 | 2 | 2 | 4 | 256 | 368 |
| Uttarakhand | | | | | | | | | | | | | 277 |
| 2010-11 | 5348 | 5673 | 3485 | 442 | 199 | 386 | 310 | 894 | 84 | 43 | 128 | 723 | 1170 |
| 2011-12 | 5348 | 5673 | 3485 | 443 | 199 | 386 | 311 | 895 | 87 | 48 | 135 | 714 | 1132 |
| 2012-13 | 5348 | 5673 | 3485 | 449 | 192 | 390 | 315 | 897 | 86 | 51 | 136 | 706 | 1124 |
| Uttar Pradesh | | | | | | | | | | | | | 1547 |
| 2010-11 | 24093 | 24170 | 1658 | 3321 | 66 | 354 | 426 | 846 | 538 | 1215 | 1753 | 16593 | 25615 |
| 2011-12 | 24093 | 24170 | 1656 | 3350 | 66 | 350 | 420 | 836 | 533 | 1173 | 1705 | 16623 | 25939 |
| 2012-13 | 24093 | 24170 | 1658 | 3371 | 66 | 350 | 423 | 839 | 537 | 1201 | 1739 | 16564 | 25821 |
| West Bengal | | | | | | | | | | | | | 19075 |
| 2010-11 | 8875 | 8684 | 1174 | 1840 | 5 | 53 | 29 | 87 | 18 | 584 | 602 | 4981 | 8832 |
| 2011-12 | 8875 | 8684 | 1174 | 1810 | 4 | 52 | 31 | 86 | 18 | 399 | 417 | 5198 | 9353 |
| 2012-13 | 8875 | 8684 | 1174 | 1834 | 3 | 50 | 24 | 76 | 15 | 379 | 395 | 5205 | 9678 |
| A & N Island | | | | | | | | | | | | | 5673 |
| 2010-11 * | 825 | 757 | 717 | 9 | 4 | 4 | 3 | 11 | 3 | 3 | 6 | 15 | 19 |
| 2011-12 * | 825 | 757 | 717 | 9 | 4 | 4 | 3 | 11 | 3 | 3 | 6 | 15 | 18 |
| 2012-13 * | 825 | 757 | 717 | 9 | 4 | 4 | 3 | 11 | 3 | 3 | 6 | 15 | 25 |
| Chandigarh | | | | | | | | | | | | | 28 |
| 2010-11 * | 11 | 7 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 |
| 2011-12 * | 11 | 7 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 151.5 |
| 2012-13 * | 11 | 7 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 151.5 |

(Contd.)

Table 13.5 (*Contd.*)

| State/ UTs/ Year | Geographical area- | Reporting area for land utilis- ation statistics | Forest | Land not available for cultivation | | | Other uncultivated land excluding Fallow Land | | | Fallow Land | | | Net area sown | Total cropped area | Agi. Land/ Cultivable (Col-1/4/ Col- 13*100) | Cropping Intensity |
|---------------------|-----------------------|--|--------|---|---|---|---|-------------------|-------------------------|-------------|------|------|------------------|--------------------------|--|-----------------------|
| | | | | Permanent Land | Culturable pastures under waste land | Total & other Misc. tree crops & groves not inclus. In net area sown | Fallow Land other than current fallow | Current fallow | Total Land fallow | | | | | | | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) | |
| D & N Haveli | | | | | | | | | | | | | | | | |
| 2010-11 | 49 | 49 | 20 | 4 | 1 | 0 | 1 | 4 | 2 | 6 | 17 | 22 | 24 | 24 | 124.8 | |
| 2011-12 | 49 | 49 | 20 | 4 | 1 | 0 | 1 | 1 | 2 | 3 | 20 | 25 | 24 | 24 | 121.4 | |
| 2012-13 | 49 | 49 | 20 | 4 | 1 | 0 | 1 | 2 | 2 | 3 | 20 | 24 | 24 | 24 | 121.0 | |
| Daman & Diu | | | | | | | | | | | | | | | | |
| 2010-11 | 11 | 4 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 3 | 4 | 4 | 100.0 | |
| 2011-12 | 11 | 4 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 3 | 4 | 4 | 104.7 | |
| 2012-13 | 11 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 3 | 3 | 122.6 | |
| Delhi | | | | | | | | | | | | | | | | |
| 2010-11 | 148 | 147 | 1 | 93 | 0 | 1 | 10 | 11 | 8 | 12 | 20 | 22 | 44 | 53 | 200.9 | |
| 2011-12 * | 148 | 147 | 1 | 93 | 0 | 1 | 10 | 11 | 8 | 12 | 20 | 22 | 39 | 53 | 175.1 | |
| 2012-13 * | 148 | 147 | 1 | 93 | 0 | 1 | 10 | 11 | 8 | 12 | 20 | 22 | 49 | 53 | 220.2 | |
| Lakshadweep | | | | | | | | | | | | | | | | |
| 2010-11 | 3 | 3 | 1 | | | | | | | | | | 2 | 3 | 2 | 130.4 |
| 2011-12 | 3 | 3 | 1 | | | | | | | | | | 2 | 3 | 2 | 130.4 |
| 2012-13 * | 3 | 3 | 1 | | | | | | | | | | 2 | 3 | 2 | 146.8 |

(Contd.)

Table 13.5 (*Contd.*)

| Puducherry | | | | | | | | | | | |
|------------|--------|--------|-------|-------|-------|------|-------|-------|-------|-------|-------|
| 2010-11 | 48 | 49 | 19 | 1 | 5 | 6 | 2 | 3 | 6 | 19 | 31 |
| 2011-12 | 48 | 49 | 0 | 18 | 1 | 5 | 6 | 2 | 4 | 6 | 18 |
| 2012-13 | 48 | 49 | 0 | 19 | 1 | 5 | 6 | 2 | 5 | 8 | 16 |
| All India | | | | | | | | | | | |
| 2010-11 * | 328726 | 305920 | 70028 | 43574 | 10305 | 3204 | 12646 | 26155 | 10323 | 14275 | 24598 |
| 2011-12 * | 328726 | 305831 | 70035 | 43526 | 10311 | 3167 | 12639 | 26117 | 10664 | 14515 | 25179 |
| 2012-13 * | 328726 | 305936 | 70007 | 43738 | 10240 | 3157 | 12578 | 25976 | 11001 | 15282 | 26283 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

Source: Directorate of Economics & Statistics, DAC&FW

* Provisional data except Geographical Area, '0' relates to the area below 500 hectares. Blank space denotes not available or no reporting of data from the States/UTs

Table 13.6: Potential created under Accelerated Irrigation Benefit Programme (AIBP)

| State | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | ('000 Hactare) | |
|------------------|---------|---------|---------|---------|---------|---------|----------------|--------|
| | | | | | | | (5) | (6) |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | |
| Andhra Pradesh | 91.50 | 85.42 | 11.30 | 99.23 | 0.00 | 43.87 | | 685.02 |
| Assam | 4.33 | 8.80 | 7.16 | 26.71 | 4.00 | 0.45 | | 102.06 |
| Bihar | 6.40 | 10.00 | 0.47 | 0.00 | 0.00 | 0.00 | | 463.19 |
| Chhattisgarh | 15.82 | 18.86 | 10.21 | 2.83 | 4.60 | 7.18 | | 172.55 |
| Goa | 4.89 | 1.50 | 0.53 | 0.80 | 0.17 | 12.58 | | 30.63 |
| Gujarat | 68.20 | 20.89 | 25.66 | 28.89 | 21.27 | 128.20 | | 717.76 |
| Haryana | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 115.22 |
| Himachal Pradesh | 3.34 | 4.15 | 4.04 | 5.01 | 0.00 | 0.00 | | 22.83 |
| Jammu & Kashmir | 4.52 | 4.74 | 4.23 | 9.43 | 10.15 | 4.59 | | 53.38 |
| Jharkhand | 0.00 | 0.00 | 0.51 | 1.66 | 0.00 | 4.30 | | 18.58 |
| Karnataka | 21.73 | 42.01 | 108.12 | 45.75 | 26.51 | 8.02 | | 723.26 |
| Kerala | 0.95 | 0.12 | 1.63 | 0.00 | 7.55 | 1.08 | | 44.08 |
| Madhya Pradesh | 82.06 | 49.83 | 37.55 | 91.11 | 78.05 | 98.00 | | 573.97 |
| Maharashtra | 78.15 | 77.36 | 68.94 | 32.59 | 39.52 | 36.23 | | 594.74 |
| Manipur | 5.92 | 4.14 | 1.80 | 4.00 | 0.10 | 4.00 | | 24.96 |
| Meghalaya | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 |

(Contd.)

Table 13.6 (Contd.)

| State | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | Potential Created during 1996-97 to 2012-13 |
|---|---------------|---------------|---------------|---------------|---------------|---------------|--|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
| Odisha | 14.40 | 10.73 | 29.37 | 40.11 | 11.84 | 26.61 | 261.65 |
| Punjab | 4.80 | 27.44 | 12.89 | 25.00 | 0.00 | 1.00 | 181.32 |
| Rajasthan | 127.47 | 52.00 | 44.00 | 30.79 | 11.93 | 10.29 | 746.86 |
| Tripura | 1.73 | 1.27 | 4.27 | 0.51 | 0.00 | 0.22 | 16.81 |
| Tamilnadu | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Uttar Pradesh | 79.65 | 105.18 | 37.34 | 212.76 | 67.95 | 82.05 | 1572.71 |
| Uttarakhand | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| West Bengal | 7.60 | 4.85 | 5.28 | 15.27 | 10.63 | 0.00 | 124.12 |
| Total | 623.44 | 529.27 | 415.31 | 672.43 | 294.27 | 468.66 | 7245.69 |
| Contribution of Minor Irrigation Scheme | 118.25 | 184.86 | 156.33 | 153.87 | 267.17 | 131.45 | 1245.84 |
| Grand Total | 741.69 | 714.13 | 571.63 | 826.30 | 561.44 | 600.11 | 8491.53 |

Source: Ministry of Water Resources.

Table 13.7; State-wise Area covered under Micro Irrigation as on 31.3.2015

| S.No. | Name of the State/UT | Drip | Sprinkler | Total (Area in Ha.) |
|------------------|----------------------|----------------|----------------|------------------------|
| (1) | (2) | (3) | (4) | (5) |
| 1 | Andhra Pradesh | 834865 | 328441 | 1163306 |
| 2 | Arunachal Pradesh | 613 | 0 | 613 |
| 3 | Assam | 310 | 129 | 439 |
| 4 | Bihar | 4610 | 97440 | 102050 |
| 5 | Chhattisgarh | 15553 | 241420 | 256973 |
| 6 | Goa | 965 | 899 | 1864 |
| 7 | Gujarat | 411208 | 418165 | 829373 |
| 8 | Haryana | 22682 | 550458 | 573140 |
| 9 | Himachal Pradesh | 291 | 684 | 975 |
| 10 | Jharkhand | 6303 | 9919 | 16222 |
| 11 | Karnataka | 429903 | 417005 | 846908 |
| 12 | Kerala | 22516 | 6948 | 29464 |
| 13 | Madhya Pradesh | 166358 | 185759 | 352117 |
| 14 | Maharashtra | 896343 | 374783 | 1271126 |
| 15 | Manipur | 47 | 30 | 77 |
| 16 | Mizoram | 1727 | 425 | 2152 |
| 17 | Nagaland | 200 | 5005 | 5205 |
| 18 | Odisha | 18431 | 82147 | 100578 |
| 19 | Punjab | 30805 | 12161 | 42966 |
| 20 | Rajasthan | 170098 | 1514451 | 1684549 |
| 21 | Sikkim | 5544 | 2769 | 8313 |
| 22 | Tamil Nadu | 290009 | 30436 | 320445 |
| 23 | Telangana | 25299 | 5293 | 30592 |
| 24 | Tripura | 100 | 392 | 492 |
| 25 | Uttar Pradesh | 15519 | 21164 | 36683 |
| 26 | Uttarakhand | 696 | 316 | 1012 |
| 27 | West Bengal | 604 | 50576 | 51180 |
| 28 | Others | 15500 | 31000 | 46500 |
| All India | | 3387099 | 4388215 | 7775314 |

Source: National Committee on Plasticulture Applications in Horticulture (NCPAH), DAC&FW

14

Inputs

Table 14.1 : Production and Use of Agricultural Inputs in India

| Programme (1) | Unit (2) | 2001-02 (3) | 2002-03 (4) | 2003-04 (5) | 2004-05 (6) | 2005-06 (7) | 2006-07 (8) | 2007-08 (9) |
|--|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 1. Seeds | | | | | | | | |
| (i) Production of Breeder Seeds | Thousand Qtls. | 45.54 | 48.42 | 61.82 | 68.46 | 68.64 | 73.83 | 91.96 |
| (ii) Production of Foundation Seeds | Lakh Qtls. | 5.44 | 6.14 | 6.50 | 6.90 | 7.40 | 7.96 | 8.25 |
| (iii) Distribution of Certified/Quality Seeds | Lakh Qtls. | 91.80 | 98.03 | 108.59 | 120.26 | 126.75 | 155.01 | 179.05 |
| 2. Consumption of Chemical Fertilisers | | | | | | | | |
| Nitrogenous (N) | Thousand Tonnes | 11310 | 10474 | 11076 | 11714 | 12723 | 13774 | 14419 |
| Phosphatic (P) | Thousand Tonnes | 4382 | 4019 | 4124 | 4624 | 5204 | 5543 | 5515 |
| Potassic (K) | Thousand Tonnes | 1667 | 1601 | 1598 | 2060 | 2413 | 2335 | 2636 |
| Total (N+P+K) | Thousand Tonnes | 17360 | 16994 | 16798 | 18398 | 20340 | 21651 | 22570 |
| Per Hectare ** | Kgs | 92.33 | 92.55 | 88.57 | 96.27 | 105.53 | 112.55 | 115.27 |
| 3. Consumption of Pesticides (Technical Grade Material) | Thousand Tonnes | 47.02 | 48.35 | 41.02 | 40.67 | 39.77 | 43.41 | 41.64 |
| 4. Area Covered Under Soil Conservation | Lakh Hectares | 4.70 | 4.30 | 5.55 | 7.37 | 8.67 | 11.41 | 7.34 |

(Contd.)

Table 14.1 (*Contd.*)

| Programme (1) | Unit (2) | 2008-09 (3) | 2009-10 (4) | 2010-11 (5) | 2011-12 (6) | 2012-13 (7) | 2013-14 (8) | 2014-15 (9) |
|--|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 1. Seeds | | | | | | | | |
| (i) Production of Breeder Seeds | Thousand Qtls. | 94.41 | 102.00 | 118.85 | 123.38 | 110.20 | 82.29 | 86.21 |
| (ii) Production of Foundation Seeds | Lakh Qtls. | 9.62 | 11.46 | 18.06 | 22.36 | 16.17 | 17.43 | 15.76 |
| (iii) Distribution of Certified/Quality Seeds | Lakh Qtls. | 215.81 | 257.11 | 277.34 | 294.85 | 313.44 | 301.39 | 303.12 |
| 2. Consumption of Chemical Fertilisers | | | | | | | | |
| Nitrogenous (N) | Thousand Tonnes | 15090 | 15580 | 16558 | 17300 | 16821 | 16750 | 16946 |
| Phosphatic(P) | Thousand Tonnes | 6506 | 7274 | 8050 | 7914 | 6653 | 5633 | 6098 |
| Potassic(K) | Thousand Tonnes | 3313 | 3632 | 3514 | 2576 | 2062 | 2099 | 2532 |
| Total (N+P+K) | Thousand Tonnes | 24909 | 26486 | 28122 | 27790 | 25536 | 24482 | 25576 |
| Per Hectare ** | Kgs | 127.52 | 140.14 | 142.34 | 142.05 | 131.36 | 125.39 | 128.08 |
| 3. Consumption of Pesticides (Technical Grade Material) | | | | | | | | |
| Grade Material | Lakh Hectares | 6.90 | 5.32 | 7.49 | 4.72 | 5.46 | 5.46 | |
| 4. Area Covered Under Soil Conservation | | | | | | | | |

Source: Department of Agriculture, Cooperation & Farmers Welfare

* updated on 14.05.2015

** Based on Gross Cropped Area upto 2012-13 and for 2013-14 and 2014-15, GCA is estimated in Zonal Conference

Table 14.2: All-India Consumption of Fertilisers in Terms of Nutrients (N, P & K)

(Thousand Tonnes)

| Year | N | P | K | Total |
|---------|---------|--------|--------|---------|
| (1) | (2) | (3) | (4) | (5) |
| 1950-51 | 58.7 | 6.9 | - | 65.6 |
| 1955-56 | 107.5 | 13.0 | 10.3 | 130.8 |
| 1960-61 | 210.0 | 53.1 | 29.0 | 292.1 |
| 1965-66 | 574.8 | 132.5 | 77.3 | 784.6 |
| 1970-71 | 1487.0 | 462.0 | 228.0 | 2177.0 |
| 1975-76 | 2148.6 | 466.8 | 278.3 | 2893.7 |
| 1980-81 | 3678.1 | 1213.6 | 623.9 | 5515.6 |
| 1985-86 | 5660.8 | 2005.2 | 808.1 | 8474.1 |
| 1986-87 | 5716.0 | 2078.9 | 850.0 | 8644.9 |
| 1987-88 | 5716.8 | 2187.0 | 880.5 | 8784.3 |
| 1988-89 | 7251.0 | 2720.7 | 1068.3 | 11040.0 |
| 1989-90 | 7386.0 | 3014.2 | 1168.0 | 11568.2 |
| 1990-91 | 7997.2 | 3221.0 | 1328.0 | 12546.2 |
| 1991-92 | 8046.3 | 3321.2 | 1360.5 | 12728.0 |
| 1992-93 | 8426.8 | 2843.8 | 883.9 | 12154.5 |
| 1993-94 | 8788.3 | 2669.3 | 908.4 | 12366.0 |
| 1994-95 | 9507.1 | 2931.7 | 1124.7 | 13563.5 |
| 1995-96 | 9822.8 | 2897.5 | 1155.8 | 13876.1 |
| 1996-97 | 10301.8 | 2976.8 | 1029.6 | 14308.1 |
| 1997-98 | 10901.8 | 3913.6 | 1372.5 | 16187.9 |
| 1998-99 | 11353.8 | 4112.2 | 1331.5 | 16797.5 |
| 1999-00 | 11592.7 | 4798.3 | 1678.7 | 18069.7 |
| 2000-01 | 10920.2 | 4214.6 | 1567.5 | 16702.3 |
| 2001-02 | 11310.2 | 4382.4 | 1667.1 | 17359.7 |
| 2002-03 | 10474.1 | 4018.8 | 1601.2 | 16094.1 |
| 2003-04 | 11077.0 | 4124.3 | 1597.9 | 16799.1 |
| 2004-05 | 11713.9 | 4623.8 | 2060.6 | 18398.3 |
| 2005-06 | 12723.3 | 5203.7 | 2413.5 | 20340.5 |
| 2006-07 | 13772.9 | 5543.3 | 2334.8 | 21651.0 |
| 2007-08 | 14419.1 | 5514.7 | 2636.3 | 22570.1 |
| 2008-09 | 15090.5 | 6506.2 | 3312.6 | 24909.3 |
| 2009-10 | 15580.0 | 7274.0 | 3632.4 | 26486.4 |
| 2010-11 | 16558.2 | 8049.7 | 3514.3 | 28122.2 |
| 2011-12 | 17300.3 | 7914.3 | 2575.4 | 27790.0 |
| 2012-13 | 16820.9 | 6653.4 | 2061.8 | 25536.2 |
| 2013-14 | 16750.1 | 5633.5 | 2098.9 | 24482.4 |
| 2014-15 | 16945.4 | 6098.4 | 2532.3 | 25576.1 |

Source: Department of Agriculture, Cooperation & Farmers Welfare

Note : Figures upto 1982-83 relate to Feb-Jan. and onwards to April-March.

Table 14.3 : Consumption, Production and Import of Fertilisers

| Year | Consumption | | | | Production | | | | Imports | | | | (Lakh Tonnes) C & F Value of Imports (₹ Crore) |
|---------|-------------|-------|-------|--------|------------|-------|------|--------|---------|-------|-------|-------|---|
| | N | P | K | TOTAL | N | P | K | TOTAL | N | P | K | TOTAL | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) |
| 1981-82 | 40.69 | 13.22 | 6.73 | 60.64 | 31.44 | 9.49 | 0.00 | 40.93 | 10.54 | 3.43 | 6.44 | 20.41 | 716.62 |
| 1982-83 | 42.24 | 14.37 | 7.27 | 63.88 | 34.24 | 9.80 | 0.00 | 44.04 | 4.25 | 0.63 | 6.44 | 11.32 | 273.53 |
| 1983-84 | 52.05 | 17.30 | 7.75 | 77.10 | 34.85 | 10.48 | 0.00 | 45.33 | 6.56 | 1.43 | 5.56 | 13.55 | 365.05 |
| 1984-85 | 54.87 | 18.86 | 8.38 | 82.11 | 39.17 | 12.63 | 0.00 | 51.80 | 20.08 | 7.45 | 8.71 | 36.24 | 1500.00 |
| 1985-86 | 56.61 | 20.05 | 8.08 | 84.74 | 43.28 | 14.28 | 0.00 | 57.56 | 16.80 | 8.16 | 9.03 | 33.99 | 1405.00 |
| 1986-87 | 57.16 | 20.79 | 8.50 | 86.45 | 54.10 | 16.60 | 0.00 | 70.70 | 11.03 | 2.55 | 9.52 | 23.10 | 651.00 |
| 1987-88 | 57.17 | 21.87 | 8.80 | 87.84 | 54.66 | 16.65 | 0.00 | 71.31 | 1.75 | - | 8.09 | 9.84 | 223.77 |
| 1988-89 | 72.51 | 27.21 | 10.68 | 110.40 | 67.12 | 22.52 | 0.00 | 89.64 | 2.19 | 4.07 | 9.82 | 16.08 | 644.52 |
| 1989-90 | 73.86 | 30.14 | 11.68 | 115.68 | 67.47 | 17.96 | 0.00 | 85.43 | 5.23 | 13.11 | 12.80 | 31.14 | 1538.77 |
| 1990-91 | 79.97 | 32.21 | 13.28 | 125.46 | 69.93 | 20.52 | 0.00 | 90.45 | 4.14 | 10.16 | 13.28 | 27.58 | 1335.82 |
| 1991-92 | 80.46 | 33.21 | 13.61 | 127.28 | 73.01 | 25.62 | 0.00 | 98.63 | 5.66 | 9.67 | 12.36 | 27.69 | 1934.19 |
| 1992-93 | 84.26 | 28.43 | 8.84 | 121.53 | 74.30 | 23.06 | 0.00 | 97.36 | 11.37 | 6.89 | 10.82 | 29.08 | 2216.00 |
| 1993-94 | 87.88 | 26.69 | 9.09 | 123.66 | 72.31 | 18.16 | 0.00 | 90.47 | 15.88 | 7.22 | 8.57 | 31.67 | 1300.18 |
| 1994-95 | 95.07 | 29.32 | 11.25 | 135.64 | 79.45 | 24.93 | 0.00 | 104.38 | 14.76 | 3.80 | 11.09 | 29.65 | 1785.11 |
| 1995-96 | 98.23 | 28.98 | 11.56 | 138.77 | 87.77 | 25.58 | 0.00 | 113.35 | 19.93 | 6.47 | 13.15 | 39.55 | 2840.13 |
| 1996-97 | 103.01 | 29.77 | 10.30 | 143.08 | 85.99 | 25.56 | 0.00 | 111.55 | 11.67 | 4.26 | 6.13 | 22.06 | 1701.74 |
| 1997-98 | 109.01 | 39.14 | 13.73 | 161.88 | 100.86 | 29.76 | 0.00 | 130.62 | 13.62 | 6.72 | 11.40 | 31.74 | 1296.57 (Contd.) |

Table 14.3 (Contd.)

| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) |
|---------|--------|-------|-------|--------|--------|-------|------|--------|-------|-------|-------|--------|----------|
| 1998-99 | 113.54 | 41.12 | 13.32 | 167.98 | 104.80 | 31.44 | 0.00 | 136.24 | 6.35 | 9.68 | 15.42 | 31.45 | 240.00 |
| 1999-00 | 115.92 | 47.99 | 16.78 | 180.69 | 108.90 | 33.99 | 0.00 | 142.89 | 8.33 | 15.03 | 17.34 | 40.75 | 197.16 |
| 2000-01 | 109.20 | 42.15 | 15.68 | 167.03 | 109.61 | 37.43 | 0.00 | 147.04 | 1.54 | 3.96 | 15.41 | 20.91 | * |
| 2001-02 | 113.10 | 43.82 | 16.67 | 173.59 | 107.68 | 38.60 | 0.00 | 146.28 | 2.69 | 4.29 | 17.01 | 23.99 | 113.09 |
| 2002-03 | 104.74 | 40.19 | 16.01 | 160.94 | 105.61 | 39.04 | 0.00 | 144.65 | 0.67 | 1.70 | 15.20 | 17.57 | * |
| 2003-04 | 110.77 | 41.24 | 15.98 | 167.99 | 106.34 | 36.32 | 0.00 | 142.66 | 1.32 | 3.38 | 15.48 | 20.18 | * |
| 2004-05 | 117.14 | 46.24 | 20.61 | 183.99 | 113.39 | 40.64 | 0.00 | 154.03 | 4.11 | 2.96 | 20.45 | 27.52 | 684.73 |
| 2005-06 | 127.23 | 52.04 | 24.13 | 203.40 | 113.54 | 42.21 | 0.00 | 155.75 | 13.85 | 11.21 | 27.47 | 52.53 | 1747.34 |
| 2006-07 | 137.73 | 55.43 | 23.35 | 216.51 | 115.78 | 45.17 | 0.00 | 160.95 | 26.88 | 13.23 | 20.69 | 60.80 | 4647.18 |
| 2007-08 | 144.19 | 55.15 | 26.36 | 225.70 | 109.00 | 38.07 | 0.00 | 147.07 | 36.77 | 12.53 | 26.53 | 75.83 | 8334.65 |
| 2008-09 | 150.90 | 65.06 | 33.13 | 249.09 | 108.70 | 34.64 | 0.00 | 143.34 | 38.44 | 29.27 | 33.80 | 101.51 | 11091.87 |
| 2009-10 | 155.80 | 72.74 | 36.32 | 264.86 | 119.00 | 43.21 | 0.00 | 162.21 | 34.47 | 27.56 | 29.44 | 91.47 | 5754.01 |
| 2010-11 | 165.58 | 80.50 | 35.14 | 281.22 | 121.56 | 42.22 | 0.00 | 163.78 | 44.92 | 38.02 | 40.69 | 123.63 | 8348.89 |
| 2011-12 | 173.00 | 79.14 | 25.76 | 277.90 | 122.59 | 41.01 | 0.00 | 163.60 | 52.40 | 44.27 | 33.35 | 130.02 | 15442.02 |
| 2012-13 | 168.21 | 66.53 | 20.62 | 255.36 | 121.94 | 35.41 | 0.00 | 157.35 | 46.90 | 27.78 | 12.30 | 86.98 | 15980.22 |
| 2013-14 | 167.50 | 56.33 | 20.99 | 244.82 | 123.78 | 37.14 | 0.00 | 160.92 | 38.08 | 15.90 | 13.33 | 67.31 | 14987.95 |
| 2014-15 | 169.45 | 60.98 | 25.32 | 255.76 | 123.94 | 38.75 | 0.00 | 162.69 | 47.66 | 18.32 | 25.37 | 91.35 | 12035.26 |

Source: Department of Agriculture, Cooperation & Farmers Welfare

Note : 1. Figures relate to imports made on Govt. Account only.

2. The imports made after decanalisation of phosphatic fertilisers (w.e.f. 17.9.1992) and potassic fertilisers (w.e.f. 17.6.1993) include the quantities imported by private parties also.

* There was no import of Urea in 2000-01, 2002-03 and 2003-04 in Government account.

Table 14.4 (a): State-wise Consumption of Fertilisers

Table 14.4a (*Contd.*)

| Sl. No. | State/Zone | 2012-13 | | | 2013-14 | | | 2014-15 | | | | | | | |
|-------------------------------|-------------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|-----------|---------------|
| | | N (1) | P (2) | K (3) | N (4) | P (5) | K (6) | N (7) | P (8) | K (9) | Toral (10) | N (11) | P (12) | K (13) | Total (14) |
| 19 | Uttarakhand | 121.29 | 23.78 | 7.44 | 152.51 | 134.58 | 21.78 | 6.42 | 162.78 | 137.36 | 25.68 | 7.33 | 170.37 | | |
| 20 | Himachal Pradesh | 33.72 | 6.82 | 7.13 | 47.67 | 33.31 | 8.26 | 8.59 | 50.16 | 35.04 | 8.51 | 9.51 | 53.06 | | |
| 21 | Jammu & Kashmir | 75.83 | 24.10 | 9.75 | 109.68 | 67.14 | 25.39 | 10.88 | 103.41 | 65.02 | 29.92 | 15.13 | 110.07 | | |
| 22 | Delhi | 1.13 | 0.07 | 0.00 | 1.20 | 3.64 | 0.00 | 0.00 | 3.64 | 8.57 | 0.00 | 0 | 8.57 | | |
| 23 | Chandigarh | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0 | | |
| Sub-Total (North Zone) | | 6092.45 | 1994.24 | 197.79 | 8284.48 | 5525.87 | 1343.77 | 170.33 | 7039.97 | 5,780.28 | 1561.29 | 293.04 | 7634.61 | | |
| East Zone | | | | | | | | | | | | | | | |
| 24 | Bihar | 1111.16 | 325.60 | 90.03 | 1526.79 | 954.95 | 209.85 | 95.98 | 1260.78 | 999.91 | 235.12 | 111.16 | 1346.19 | | |
| 25 | Jharkhand | 111.83 | 76.08 | 9.71 | 197.62 | 82.48 | 17.31 | 3.69 | 103.48 | 91.80 | 19.58 | 3.24 | 114.62 | | |
| 26 | Odisha | 315.04 | 124.19 | 50.97 | 490.20 | 312.99 | 117.71 | 56.44 | 487.14 | 314.07 | 126.23 | 59.24 | 499.54 | | |
| 27 | West Bengal | 824.00 | 453.67 | 282.73 | 1560.40 | 692.96 | 262.94 | 270.95 | 1226.85 | 756.85 | 390.82 | 319.24 | 1466.91 | | |
| Sub-Total (East Zone) | | 2362.03 | 979.54 | 433.44 | 3775.01 | 2043.38 | 607.81 | 427.06 | 3078.25 | 2,162.63 | 771.75 | 492.88 | 3427.26 | | |
| North East Zone | | | | | | | | | | | | | | | |
| 28 | Assam | 151.05 | 49.08 | 75.52 | 275.65 | 151.26 | 41.70 | 80.08 | 273.04 | 155.92 | 50.18 | 80.34 | 286.44 | | |
| 29 | Tripura | 13.68 | 7.23 | 4.53 | 25.44 | 10.66 | 7.89 | 4.35 | 22.90 | 8.58 | 6.63 | 3.93 | 19.14 | | |
| 30 | Manipur | 9.08 | 1.28 | 0.48 | 10.84 | 8.27 | 1.37 | 1.16 | 10.80 | 11.02 | 2.15 | 1.94 | 15.11 | | |
| 31 | Meghalaya | 3.36 | 1.15 | 0.34 | 4.85 | 3.51 | 1.04 | 0.27 | 4.82 | 0.00 | 0.00 | 0 | 0 | | |
| 32 | Nagaland | 1.10 | 0.69 | 0.38 | 2.17 | 1.07 | 0.70 | 0.34 | 2.11 | 1.33 | 0.79 | 0.48 | 2.6 | | |
| 33 | Arunachal Pradesh | 0.45 | 0.03 | 0.09 | 0.57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | | |
| 34 | Mizoram | 1.64 | 0.09 | 0.03 | 1.76 | 2.94 | 0.23 | 0.29 | 3.46 | 0 | 0 | 0 | 0 | | |
| 35 | Sikkim | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 | 0 | | |
| Sub-Total (NEZ) | | 180.36 | 59.55 | 81.37 | 321.28 | 177.71 | 52.93 | 86.49 | 317.13 | 176.85 | 59.75 | 86.69 | 323.29 | | |
| All India | | 16820.93 | 6653.42 | 2061.80 | 25536.15 | 16750.08 | 5633.46 | 2098.87 | 24482.41 | 16945.43 | 6098.37 | 2532.32 | 25576.12 | | |

Source: Department of Agriculture, Cooperation & Farmers Welfare

(Contd.)

Table 14.4 (b): State-wise Estimated Consumption of Fertiliser per Hectare

| Sl. No. | State/Zone | 2012-13 | | | 2013-14 | | | 2014-15 | | | | | |
|-----------------------------|----------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|
| | | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) |
| South Zone | | | | | | | | | | | | | |
| 1 | Andhra Pradesh | 130.47 | 52.30 | 18.48 | 201.25 | 140.36 | 57.03 | 22.74 | 220.13 | 146.88 | 60.52 | 29.83 | 237.23 |
| 2 | Telangana | - | - | - | - | 155.47 | 45.52 | 12.00 | 212.99 | 162.52 | 52.71 | 16.20 | 231.43 |
| 3 | Karnataka | 75.90 | 33.17 | 21.27 | 130.34 | 88.51 | 41.41 | 23.73 | 153.65 | 96.31 | 47.89 | 31.95 | 176.15 |
| 4 | Kerala | 47.51 | 24.30 | 35.13 | 106.93 | 26.36 | 13.64 | 22.48 | 62.49 | 20.23 | 8.35 | 11.97 | 40.55 |
| 5 | Tamil Nadu | 111.79 | 43.39 | 29.02 | 184.21 | 86.77 | 31.13 | 25.15 | 143.05 | 96.98 | 36.01 | 30.68 | 163.67 |
| 6 | Puducherry | 436.15 | 108.46 | 62.69 | 607.31 | 491.09 | 84.62 | 61.94 | 637.65 | 196.11 | 42.57 | 46.01 | 284.69 |
| 7 | A&N Islands | 17.20 | 12.80 | 10.00 | 40.00 | 11.77 | 8.96 | 7.42 | 28.15 | 12.20 | 9.95 | 6.63 | 29.09 |
| 8 | Lakshadweep | | | | | | | | | | | | |
| Average (South Zone) | | 101.93 | 41.97 | 22.43 | 166.33 | 102.60 | 39.87 | 21.57 | 164.05 | 105.63 | 43.15 | 25.90 | 174.68 |
| West Zone | | | | | | | | | | | | | |
| 8 | Gujarat | 79.98 | 20.46 | 6.07 | 106.51 | 88.60 | 24.11 | 6.93 | 119.63 | 96.00 | 27.76 | 9.03 | 132.79 |
| 9 | Madhya Pradesh | 46.81 | 30.94 | 3.07 | 80.82 | 51.23 | 26.85 | 2.38 | 80.47 | 48.68 | 26.35 | 3.14 | 78.17 |
| 10 | Chhattisgarh | 65.93 | 31.63 | 8.17 | 105.73 | 54.41 | 24.77 | 7.27 | 86.45 | 56.75 | 26.69 | 8.63 | 92.07 |
| 11 | Maharashtra | 62.55 | 32.72 | 17.76 | 113.04 | 67.08 | 32.69 | 17.95 | 117.71 | 68.76 | 33.95 | 22.88 | 125.60 |
| 12 | Rajasthan | 40.35 | 14.87 | 0.90 | 56.12 | 35.05 | 10.62 | 0.19 | 45.87 | 39.97 | 13.91 | 0.64 | 54.51 |
| 13 | Goa | 17.06 | 10.00 | 5.95 | 33.01 | 30.66 | 13.54 | 9.33 | 53.53 | 26.12 | 11.82 | 8.91 | 46.85 |
| 14 | Daman & Diu | 46.67 | 6.67 | 3.33 | 56.67 | 19.05 | 4.76 | 2.38 | 26.19 | 0.00 | 0.00 | 0.00 | 0.00 |
| 15 | D&N Haveli | 24.17 | 15.83 | 0.00 | 40.00 | - | - | - | - | 40.25 | 27.67 | 0.00 | 67.92 |
| Average (West Zone) | | 54.94 | 25.47 | 6.92 | 87.33 | 56.07 | 23.18 | 6.68 | 85.93 | 58.76 | 25.14 | 8.71 | 92.61 |
| North Zone | | | | | | | | | | | | | |
| 16 | Haryana | 160.44 | 48.71 | 2.61 | 211.76 | 168.87 | 35.26 | 2.78 | 206.91 | 172.18 | 43.10 | 6.15 | 221.44 |

Table 14.4b (Contd.)

| Sl. No. | State/Zone | 2012-13 | | | 2013-14 | | | 2014-15 | | | | | |
|-----------------------------|-------------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|---------------|---------------|----------------|
| | | N | P | K | Total | N | P | K | Total | N | P | K | Total |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) |
| 17 | Punjab | 188.78 | 58.76 | 3.06 | 250.60 | 174.68 | 41.65 | 3.08 | 219.41 | 179.03 | 43.46 | 4.97 | 227.46 |
| 18 | Uttar Pradesh | 129.81 | 45.17 | 5.14 | 180.12 | 107.08 | 27.54 | 3.77 | 138.40 | 111.61 | 32.24 | 6.60 | 150.45 |
| 19 | Uttarakhand | 107.91 | 21.16 | 6.62 | 135.69 | 135.70 | 21.96 | 6.47 | 164.13 | 128.96 | 24.11 | 6.88 | 159.95 |
| 20 | Himachal Pradesh | 35.61 | 7.20 | 7.53 | 50.34 | 34.08 | 8.45 | 8.79 | 51.32 | 35.63 | 8.65 | 9.67 | 53.96 |
| 21 | Jammu & Kashmir | 65.26 | 20.74 | 8.39 | 94.39 | - | - | - | - | - | - | - | - |
| 22 | Delhi | 23.06 | 1.43 | 0.00 | 24.49 | 32.96 | 0.00 | 0.00 | 32.96 | 82.25 | 0.00 | 0.00 | 82.25 |
| 23 | Chandigarh | - | - | - | - | - | - | - | - | - | - | - | - |
| Average (North Zone) | | 140.54 | 46.00 | 4.56 | 191.11 | 127.68 | 31.05 | 3.94 | 162.67 | 131.42 | 35.50 | 6.66 | 173.58 |
| East Zone | | | | | | | | | | | | | |
| 24 | Bihar | 142.86 | 41.86 | 11.57 | 196.30 | 128.67 | 28.27 | 12.93 | 169.88 | 132.70 | 31.20 | 14.75 | 178.65 |
| 25 | Jharkhand | 67.49 | 45.91 | 5.86 | 119.26 | 30.05 | 6.31 | 1.34 | 37.70 | 30.75 | 6.56 | 1.09 | 38.39 |
| 26 | Odisha | 62.15 | 24.50 | 10.06 | 96.71 | 36.69 | 13.80 | 6.62 | 57.11 | 36.14 | 14.53 | 6.82 | 57.49 |
| 27 | West Bengal | 85.14 | 46.88 | 29.21 | 161.23 | 71.65 | 27.19 | 28.02 | 126.86 | 77.86 | 40.21 | 32.84 | 150.91 |
| Average (East Zone) | | 97.68 | 40.51 | 17.92 | 156.11 | 72.03 | 21.43 | 15.05 | 108.51 | 74.75 | 26.68 | 17.04 | 118.47 |
| North East Zone | | | | | | | | | | | | | |
| 28 | Assam | 35.99 | 11.69 | 17.99 | 65.68 | 49.18 | 13.56 | 26.04 | 88.77 | 68.09 | 21.91 | 35.08 | 125.08 |
| 29 | Tripura | 37.17 | 19.65 | 12.31 | 69.13 | 23.58 | 17.45 | 9.62 | 50.66 | 18.45 | 14.25 | 8.45 | 41.15 |
| 30 | Manipur | 29.39 | 4.14 | 1.55 | 35.08 | 33.85 | 5.61 | 4.75 | 44.20 | 45.10 | 8.80 | 7.94 | 61.84 |
| 31 | Meghalaya | 9.88 | 3.38 | 1.00 | 14.26 | 34.41 | 10.20 | 2.65 | 47.25 | 0.00 | 0.00 | 0.00 | 0.00 |
| 32 | Nagaland | 2.25 | 1.41 | 0.78 | 4.44 | 2.62 | 1.72 | 0.83 | 5.18 | 3.24 | 1.93 | 1.17 | 6.34 |
| 33 | Arunachal Pradesh | 1.58 | 0.11 | 0.32 | 2.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 34 | Mizoram | 14.14 | 0.78 | 0.26 | 15.17 | - | - | - | - | - | - | - | - |
| 35 | Sikkim | 0.00 | 0.00 | 0.00 | 0.00 | - | - | - | - | - | - | - | - |
| Average (NEZ) | | 28.87 | 9.53 | 13.02 | 51.42 | 38.06 | 11.34 | 18.52 | 67.92 | 45.202 | 15.272 | 22.158 | 82.632 |
| All India (Average) | | 86.53 | 34.23 | 10.61 | 131.36 | 81.11 | 27.28 | 10.16 | 118.55 | 84.858 | 30.539 | 12.681 | 128.078 |

Source: Department of Agriculture, Cooperation & Farmers Welfare

Table 14.5(a): Fertiliser Consumption per Hectare of Agricultural Land in selected Countries

| Continent/Country (1) | 2011 | | | | | | 2012 | | | (Kg./Hectare) (9) | | |
|---------------------------------|----------|--------|--------------------------------------|---------|-------------------------|--------|----------|---------|--------------------------------------|----------------------|--|--|
| | N (2) | | P ₂ O ₅ (3) | | K ₂ O (4) | | N (5) | | P ₂ O ₅ (6) | | | |
| | | | | | | | | | | | | |
| Africa | | | | | | | | | | | | |
| Egypt | 333.4 | 41.4 | 15.7 | 390.6 | 307.4 | 45.1 | 16.6 | 369.2 | | | | |
| Morocco | 6.6 | 3.7 | 1.3 | 11.7 | 7.2 | 3.6 | 1.3 | 12.2 | | | | |
| South Africa | 4.3 | 1.9 | 1.3 | 7.5 | 4.4 | 2.0 | 1.3 | 7.7 | | | | |
| America | | | | | | | | | | | | |
| North America | | | | | | | | | | | | |
| Canada | 36.7 | 12.7 | 4.8 | 54.2 | 38.0 | 12.7 | 5.4 | 56.2 | | | | |
| USA | 30.1 | 9.7 | 10.3 | 50.1 | 28.9 | 9.8 | 10.6 | 49.2 | | | | |
| Latin America and the Caribbean | | | | | | | | | | | | |
| Brazil | 12.2 | 14.0 | 16.1 | 42.3 | 12.5 | 15.7 | 17.6 | 45.7 | | | | |
| Chile | 17.2 | 8.4 | 6.0 | 31.5 | 16.7 | 8.1 | 6.0 | 30.9 | | | | |
| Mexico | 10.9 | 2.6 | 2.6 | 16.1 | 11.3 | 2.8 | 2.7 | 16.8 | | | | |
| Asia | | | | | | | | | | | | |
| Bangladesh | 123.0 | 58.3 | 40.9 | 222.1 | 120.7 | 56.2 | 38.6 | 215.5 | | | | |
| China, Main | 66.3 | 23.9 | 11.1 | 101.3 | 68.0 | 24.1 | 11.7 | 103.8 | | | | |
| India | 96.3 | 44.0 | 14.3 | 154.7 | 93.8 | 37.1 | 11.5 | 142.4 | | | | |
| | (88.6) | (40.5) | (13.2) | (142.3) | (86.2) | (34.1) | (10.6) | (130.8) | | | | |
| Indonesia | 52.0 | 10.0 | 24.8 | 86.8 | 55.6 | 12.0 | 26.4 | 94.0 | | | | |
| Japan | 77.1 | 78.9 | 72.4 | 228.4 | 81.9 | 77.7 | 71.1 | 230.7 | | | | |
| Rep. of Korea | 154.3 | 51.3 | 65.5 | 271.1 | 151.0 | 50.3 | 64.3 | 265.7 | | | | |
| Malaysia | 73.4 | 39.4 | 163.9 | 276.7 | 77.4 | 41.3 | 163.9 | 282.6 | | | | |
| Nepal | 4.8 | 4.8 | 0.2 | 9.9 | 4.9 | 4.9 | 0.2 | 9.9 | | | | |

(Contd.)

Table 14.5a (*Contd.*)

| Continent/Country | 2011 | | | 2012 | | | | |
|-------------------|-------|-------------------------------|------------------|-------|-------|-------------------------------|------------------|-------|
| | N | P ₂ O ₅ | K ₂ O | Total | N | P ₂ O ₅ | K ₂ O | Total |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| Pakistan | 118.4 | 23.4 | 0.8 | 142.5 | 105.5 | 27.6 | 0.8 | 133.9 |
| Sri Lanka | 65.5 | 22.0 | 27.5 | 114.9 | 63.3 | 23.0 | 28.6 | 114.9 |
| Thailand | 65.8 | 18.5 | 17.1 | 101.4 | 63.2 | 18.3 | 16.9 | 98.5 |
| Turkey | 32.9 | 12.8 | 2.6 | 48.3 | 37.3 | 13.9 | 2.6 | 53.8 |
| Vietnam | 120.4 | 63.0 | 40.8 | 224.2 | 123.6 | 64.6 | 41.5 | 229.7 |
| Europe | | | | | | | | |
| Belarus | 67.6 | 32.9 | 88.7 | 189.2 | 63.3 | 25.1 | 81.9 | 170.3 |
| Denmark | 69.5 | 4.8 | 16.0 | 90.3 | 71.6 | 5.3 | 17.5 | 94.5 |
| France | 70.0 | 15.0 | 16.7 | 101.7 | 74.2 | 17.2 | 17.7 | 109.1 |
| Germany | 98.1 | 14.8 | 23.1 | 135.9 | 98.9 | 17.0 | 25.3 | 141.2 |
| Netherlands | 108.2 | 8.6 | 15.6 | 132.4 | 109.1 | 8.1 | 16.3 | 133.6 |
| Poland | 74.1 | 25.1 | 28.3 | 127.5 | 77.1 | 23.1 | 30.8 | 131.0 |
| Russian Fedn. | 7.3 | 2.6 | 1.7 | 11.6 | 7.4 | 2.6 | 1.6 | 11.6 |
| Spain | 30.3 | 13.1 | 11.7 | 55.1 | 35.7 | 14.0 | 12.5 | 62.2 |
| UK | 58.4 | 11.0 | 15.1 | 84.5 | 58.2 | 11.3 | 15.6 | 85.1 |
| Ukraine | 28.1 | 5.2 | 3.3 | 36.6 | 30.4 | 6.1 | 3.8 | 40.3 |
| Oceania | | | | | | | | |
| Australia | 2.7 | 2.1 | 0.4 | 5.3 | 2.7 | 2.0 | 0.5 | 5.2 |
| New Zealand | 32.3 | 29.7 | 10.0 | 72.0 | 32.8 | 26.9 | 9.5 | 69.2 |
| World | 22.1 | 8.4 | 5.7 | 36.2 | 22.2 | 8.3 | 5.8 | 36.3 |

Source: Fertiliser Statistics - 2013-14' The Fertiliser Association of India, New Delhi.

() = Fertiliser Consumption per hectare of gross cropped area

Table 14.5(b): Fertiliser Consumption per Hectare of Arable Land and Land under Permanent Crops in selected Countries

| Country (1) | 2011 | | | 2012 | | | (Kg./Hectare) (9) |
|-------------------------|----------|--------------------------------------|-------------------------|--------------|----------|--------------------------------------|----------------------|
| | N (2) | P ₂ O ₅ (3) | K ₂ O (4) | Total (5) | N (6) | P ₂ O ₅ (7) | |
| Africa | | | | | | | |
| Egypt | 333.4 | 41.4 | 15.7 | 390.6 | 307.4 | 45.1 | 16.6 |
| Morocco | 22.0 | 12.2 | 4.4 | 38.6 | 23.4 | 11.7 | 4.3 |
| South Africa | 33.7 | 14.9 | 9.7 | 58.3 | 34.2 | 15.3 | 10.0 |
| N & CAmerica | | | | | | | |
| Canada | 48.0 | 16.7 | 6.2 | 70.8 | 48.9 | 16.4 | 7.0 |
| USA | 78.2 | 25.2 | 26.8 | 130.3 | 74.8 | 25.4 | 27.4 |
| South America | | | | | | | |
| Brazil | 42.4 | 48.6 | 55.8 | 146.9 | 43.2 | 54.3 | 60.9 |
| Chile | 155.4 | 75.6 | 53.9 | 284.8 | 147.3 | 71.8 | 53.0 |
| Mexico | 45.5 | 11.0 | 10.7 | 67.2 | 46.5 | 11.6 | 11.2 |
| Asia | | | | | | | |
| Bangladesh | 131.6 | 62.4 | 43.7 | 237.7 | 129.2 | 60.2 | 41.3 |
| China | 280.2 | 101.1 | 46.8 | 428.0 | 287.5 | 101.9 | 49.3 |
| India | 102.1 | 46.7 | 15.2 | 164.1 | 99.5 | 39.4 | 12.2 |
| | (88.6) | (40.5) | (13.2) | (142.3) | (86.2) | (34.1) | (10.6) |
| Indonesia | 64.6 | 12.4 | 30.8 | 107.8 | 69.0 | 14.9 | 32.7 |
| Japan | 77.1 | 78.9 | 72.4 | 228.4 | 81.9 | 77.7 | 71.1 |
| Rep. of Korea | 159.6 | 53.0 | 67.7 | 280.3 | 156.1 | 52.0 | 66.5 |
| Malaysia | 76.3 | 40.9 | 170.2 | 287.4 | 80.4 | 42.9 | 170.1 |
| Nepal | 8.6 | 8.6 | 0.4 | 17.6 | 8.6 | 8.6 | 0.4 |
| Pakistan | 145.2 | 28.7 | 1.0 | 174.8 | 129.4 | 33.9 | 0.9 |
| Sri Lanka | 78.1 | 26.2 | 32.8 | 137.0 | 75.6 | 27.6 | 34.2 |

(Contd.)

Table 14.5b (Contd)

| Country | 2011 | | | 2012 | | | | |
|----------------|-------------|-------------------------------|------------------|--------------|-------------|-------------------------------|------------------|--------------|
| | N | P ₂ O ₅ | K ₂ O | Total | N | P ₂ O ₅ | K ₂ O | Total |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| Thailand | 68.4 | 19.2 | 17.8 | 105.4 | 65.6 | 19.0 | 17.6 | 102.2 |
| Turkey | 53.3 | 20.7 | 4.2 | 78.2 | 60.2 | 22.4 | 4.3 | 86.8 |
| Vietnam | 128.1 | 67.0 | 43.3 | 238.4 | 131.4 | 68.6 | 44.1 | 244.1 |
| Europe | | | | | | | | |
| Belarus | 106.2 | 51.7 | 139.3 | 297.1 | 98.7 | 39.2 | 127.6 | 265.5 |
| Denmark | 74.7 | 5.2 | 17.2 | 97.1 | 77.6 | 5.8 | 19.0 | 102.3 |
| France | 104.8 | 22.4 | 25.0 | 152.1 | 110.9 | 25.7 | 26.4 | 163.0 |
| Germany | 135.8 | 20.4 | 32.0 | 188.2 | 137.0 | 23.6 | 35.0 | 195.6 |
| Netherlands | 192.8 | 15.3 | 27.8 | 236.0 | 192.0 | 14.3 | 28.7 | 235.0 |
| Poland | 95.3 | 32.3 | 36.4 | 164.0 | 98.9 | 29.6 | 39.6 | 168.1 |
| Russian Fedn. | 13.0 | 4.5 | 2.9 | 20.4 | 13.0 | 4.6 | 2.9 | 20.5 |
| Spain | 48.2 | 20.8 | 18.5 | 87.5 | 56.8 | 22.2 | 19.9 | 98.9 |
| UK | 164.2 | 30.8 | 42.5 | 237.5 | 159.8 | 31.0 | 42.7 | 233.5 |
| Ukraine | 34.7 | 6.5 | 4.1 | 45.3 | 37.5 | 7.6 | 4.7 | 49.8 |
| Oceania | | | | | | | | |
| Australia | 22.9 | 18.2 | 3.7 | 44.8 | 23.1 | 16.9 | 4.5 | 44.5 |
| New Zealand | 678.0 | 622.1 | 210.3 | 1,510.5 | 567.3 | 465.8 | 165.2 | 198.4 |
| World | 70.0 | 26.8 | 18.2 | 114.9 | 69.8 | 26.3 | 18.4 | 114.5 |

Source: Fertiliser Statistics - 2013-14 "The Fertiliser Association of India, New Delhi.

() = Fertiliser Consumption per hectare of gross cropped area

Table 14.6(a): Application of Fertilisers on Paddy and Wheat in India

Table 14.6a (*Contd.*)

| Particulars | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 |
|----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
| (b) 1 kg of P_2O_5 | | | | | | | | | |
| - as SSP | 2.32 | 2.25 | 1.69 | 1.97 | 1.93 | 1.71 | 1.56 | 3.01 | 2.96 |
| | to | to | to | | | to | to | to | |
| | 3.84 | 3.58 | 2.69 | | | | | | |
| - as DAP | 2.32 | 2.16 | 1.62 | 1.50 | 1.47 | 1.46 | 1.47 | 3.53 | 3.17 |
| | | | | | to | to | to | | |
| - as complex | 2.51 | 2.34 | 1.76 | 1.50 | 1.47 | 1.72 | | | |
| | to | to | to | | | to | NA | NA | |
| | 4.25 | 3.96 | 2.97 | | | | | | |
| (c) 1 kg of K_2O | 1.06 | 0.99 | 0.74 | 0.69 | 0.68 | 0.64 | 0.78 | 2.10 | 1.91 |
| | | | | | to | to | | | |
| | | | | | 0.72 | 1.57 | | | |

Source: 'Fertiliser Statistics - 2013-14' The Fertiliser Association of India, New Delhi.

Table 14.6(b): Status of Soil Health Card Scheme

(as on 05.04.2016)

| Sl. No. | State Name | Target Number of Samples for 2015-16 | No. of Samples Collected | No. of Samples Tested | No. of Soil Health Cards Issued |
|------------------------------|-------------------|--|-----------------------------|--------------------------|---------------------------------------|
| (1) | (2) | (3) | (4) | (5) | (6) |
| I. Southern Zone | | | | | |
| 1 | Andhra Pradesh | 400000 | 497129 | 414259 | 1635895 |
| 2 | Karnataka | 533000 | 303604 | 111503 | 40346 |
| 3 | Kerala | 63800 | 65050 | 50775 | 45935 |
| 4 | Tamil Nadu | 426000 | 423928 | 423928 | 2342589 |
| 5 | Telangana | 500035 | 500035 | 456457 | 1199343 |
| II. West Zone | | | | | |
| 6 | Gujarat | 1366000 | 1366000 | 1366000 | 1366000 |
| 7 | Madhya Pradesh | 805000 | 502122 | 368949 | 1203588 |
| 8 | Maharashtra | 911000 | 888912 | 773573 | 2947141 |
| 9 | Rajasthan | 1153000 | 933111 | 398000 | 1114000 |
| 10 | Chhattisgarh | 292588 | 293496 | 162195 | 658048 |
| 11 | Goa | 25000 | 21824 | 19585 | 19585 |
| III. Northern Zone | | | | | |
| 12 | Haryana | 400000 | 248000 | 70564 | 49000 |
| 13 | Punjab | 176000 | 171267 | 116450 | 295292 |
| 14 | Uttarakhand | 67607 | 52557 | 49842 | 268000 |
| 15 | Uttar Pradesh | 1800000 | 1455902 | 568895 | 1015007 |
| 16 | Himachal Pradesh | 69635 | 67467 | 51087 | 127762 |
| 17 | J & K | 55106 | 37787 | 22240 | 32671 |
| IV. Eastern Zone | | | | | |
| 18 | Bihar | 484000 | 470882 | 305970 | 1007839 |
| 19 | Jharkhand | 47850 | 47850 | 27900 | 77018 |
| 20 | Odisha | 310000 | 330435 | 218712 | 654306 |
| 21 | West Bengal | 310000 | 310000 | 71320 | 91384 |
| V. North Eastern Zone | | | | | |
| 22 | Arunachal Pradesh | 17100 | 10132 | 8063 | 652 |
| 23 | Assam | 180000 | 46296 | 13426 | 11263 |
| 24 | Manipur | 11000 | 3198 | 2015 | 1478 |
| 25 | Meghalaya | 22000 | 24062 | 16395 | 18783 |
| 26 | Mizoram | 7666 | 7320 | 5800 | 3750 |
| 27 | Nagaland | 11141 | 12860 | 11900 | 11900 |
| 28 | Sikkim | 13217 | 13217 | 13217 | 27000 |
| 29 | Tripura | 10912 | 10246 | 8260 | 9260 |
| Total | | 10468657 | 9114689 | 6127280 | 16274835 |

Source: Department of Agriculture, Cooperation & Farmers Welfare

Table 14.7(a): Crop-wise requirement and availability of Certified/ Quality Seeds

| Year | Crop Name | 2012-13 | | | 2013-14 | | | 2014-15 | | | (Lakh Quintals) | | |
|----------------------------|--------------|---------------|---------------|------------------------|-------------------------|---------------|---------------|------------------------|-------------------------|--------------|------------------------|-------------------------|-------------|
| | | Requirement | | Availability Public | Availability Private | Requirement | | Availability Public | Availability Private | Requirement | Availability Public | Availability Private | Requirement |
| | | (1) | (2) | | | (3) | (4) | | | | | | |
| Wheat | 108.2 | 53.44 | 58.79 | 112.23 | 112.53 | 49.12 | 59.23 | 108.35 | 112.53 | 44.78 | 72.07 | 116.86 | |
| Paddy | 78 | 44.63 | 35.69 | 80.32 | 82.37 | 47.99 | 41.97 | 89.95 | 84.80 | 46.46 | 46.46 | 92.92 | |
| Ragi | 0.34 | 0.31 | 0.06 | 0.37 | 0.32 | 0.23 | 0.12 | 0.34 | 0.31 | 0.25 | 0.11 | 0.36 | |
| Barley | 1.93 | 0.63 | 1.72 | 2.35 | 2.05 | 0.97 | 1.84 | 2.81 | 2.23 | 0.61 | 2.26 | 2.87 | |
| Maije | 10.64 | 1 | 10.39 | 11.39 | 10.42 | 1.75 | 8.84 | 10.59 | 10.84 | 1.15 | 11.10 | 12.25 | |
| Bajra | 2.64 | 0.14 | 2.82 | 2.96 | 2.52 | 0.82 | 2.67 | 3.49 | 2.42 | 0.16 | 2.53 | 2.69 | |
| Jowar | 2.74 | 0.79 | 2.38 | 3.17 | 2.80 | 1.25 | 2.34 | 3.59 | 2.42 | 0.62 | 2.13 | 2.75 | |
| Other Cereals | 0.01 | | | 0.05 | 0.02 | 0.03 | 0.05 | 0.03 | 0.02 | 0.02 | 0.02 | 0.04 | |
| (Sub-Total) Cereals | 204.5 | 100.94 | 111.85 | 212.79 | 213.07 | 102.15 | 117.03 | 219.18 | 215.58 | 94.06 | 136.68 | 230.74 | |
| Gram | 16.32 | 9.61 | 5.53 | 15.14 | 17.07 | 11.34 | 8.76 | 20.10 | 16.11 | 12.36 | 3.36 | 15.72 | |
| Urd | 2.41 | 1.95 | 1.38 | 3.33 | 2.48 | 2.45 | 1.36 | 3.82 | 2.68 | 2.00 | 1.31 | 3.31 | |
| Cowpea | 0.21 | 0.16 | 0.04 | 0.2 | 0.27 | 0.15 | 0.15 | 0.30 | 0.36 | 0.20 | 0.15 | 0.35 | |
| Moong | 2.24 | 1.1 | 1.43 | 2.53 | 1.93 | 1.74 | 0.92 | 2.65 | 2.79 | 1.72 | 1.58 | 3.31 | |
| Horse Gram | 0.08 | 0.02 | 0.06 | 0.08 | 0.17 | 0.06 | 0.11 | 0.17 | 0.17 | 0.07 | 0.11 | 0.18 | |
| Lentil | 1.04 | 0.44 | 0.74 | 1.46 | 0.57 | 0.86 | 1.42 | 1.79 | 0.53 | 0.85 | 1.38 | | |
| Lathyrus | 0.01 | 0.01 | 0.01 | | | | | | 0.01 | 0.01 | - | 0.01 | |
| Peas | 1.83 | 0.51 | 1.09 | 1.6 | 1.80 | 0.64 | 1.00 | 1.64 | 1.96 | 0.50 | 1.06 | 1.57 | |
| Moth | 0.2 | 0.22 | 0.01 | 0.23 | 0.21 | 0.09 | 0.07 | 0.17 | 0.25 | 0.07 | 0.06 | 0.14 | |
| Arhari | 2.16 | 1.24 | 1.03 | 2.27 | 2.58 | 1.20 | 1.32 | 2.52 | 2.64 | 1.15 | 1.63 | 2.78 | |

(Contd.)

Table 14.7a (*Contd.*)

| Crop Name | Year | 2012-13 | | | | | | 2013-14 | | | | | | 2014-15 | | | | | |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|------|--------------|---------|-------|------|--|--|
| | | Availability | | | Requirement | | | Availability | | | Requirement | | | Availability | | | | | |
| | | Public | Private | Total | (5) | (6) | (7) | Public | Private | TOTAL | (10) | (11) | (12) | Public | Private | Total | (13) | | |
| Rajma | 0.11 | 0.11 | 0.11 | 0.11 | 0.05 | 0.01 | 0.04 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | - | 0.00 | 0.00 | | | | |
| Kehsari | 0.04 | 0.03 | 0.01 | 0.04 | 0.06 | 0.02 | 0.04 | 0.06 | 0.06 | 0.02 | 0.02 | 0.04 | 0.06 | 0.07 | 0.07 | 0.07 | | | |
| Indian Bean | | | | | 0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.07 | 0.00 | 0.07 | 0.07 | 0.07 | 0.07 | | | |
| Rice Bean | | | | | | | | | | | 0.00 | - | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| (Sub-Total) Pulses | 26.65 | 15.4 | 10.88 | 26.28 | 28.08 | 18.28 | 14.63 | 32.90 | 28.88 | 18.63 | 10.24 | 28.87 | | | | | | | |
| Castor | 0.63 | 0.21 | 0.49 | 0.7 | 0.63 | 0.21 | 0.52 | 0.73 | 0.72 | 0.19 | 0.66 | 0.85 | | | | | | | |
| Rapeseed & Mustard | 2.44 | 1.24 | 1.4 | 2.64 | 2.61 | 1.60 | 1.15 | 2.74 | 2.64 | 1.45 | 1.25 | 2.70 | | | | | | | |
| Groundnut | 23.66 | 18.31 | 7.42 | 25.73 | 29.62 | 16.08 | 14.14 | 30.22 | 28.47 | 18.10 | 11.90 | 29.99 | | | | | | | |
| Niger | 0.02 | 0.01 | 0.01 | 0.02 | 0.03 | 0.00 | 0.02 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01 | 0.02 | | | | | | |
| Til | 0.29 | 0.12 | 0.18 | 0.3 | 0.29 | 0.13 | 0.18 | 0.31 | 0.31 | 0.14 | 0.23 | 0.37 | | | | | | | |
| Linseed | 0.09 | 0.01 | 0.01 | 0.02 | 0.06 | 0.01 | 0.02 | 0.03 | 0.12 | 0.01 | 0.08 | 0.08 | | | | | | | |
| Soybean | 31 | 19.1 | 19.18 | 38.28 | 33.00 | 21.82 | 15.12 | 36.95 | 34.29 | 10.96 | 16.37 | 27.33 | | | | | | | |
| Sunflower | 0.67 | 0.03 | 0.65 | 0.68 | 0.54 | 0.04 | 0.56 | 0.60 | 0.45 | 0.04 | 0.42 | 0.46 | | | | | | | |
| Safflower | 0.12 | 0.06 | 0.08 | 0.14 | 0.12 | 0.01 | 0.10 | 0.12 | 0.12 | 0.02 | 0.10 | 0.12 | | | | | | | |
| (Sub-Total) Oilseeds | 58.92 | 39.09 | 29.42 | 68.51 | 66.88 | 39.90 | 31.83 | 71.73 | 67.13 | 30.91 | 31.02 | 61.93 | | | | | | | |
| Cotton | 2.41 | 0.31 | 2.41 | 2.72 | 2.21 | 0.13 | 2.33 | 2.46 | 2.22 | 0.05 | 2.57 | 2.63 | | | | | | | |
| Jute/Mesta | 0.36 | 0.23 | 0.14 | 0.37 | 0.53 | 0.34 | 0.05 | 0.39 | 0.45 | 0.19 | 0.42 | 0.61 | | | | | | | |
| (Sub-total) Fibres | 2.77 | 0.54 | 2.55 | 3.09 | 2.74 | 0.48 | 2.38 | 2.86 | 2.68 | 0.24 | 3.00 | 3.24 | | | | | | | |
| Potato | 21.62 | 4.73 | 12.59 | 17.32 | 22.91 | 5.97 | 12.98 | 18.95 | 27.19 | 6.74 | 18.11 | 24.85 | | | | | | | |
| Fodders | 0.73 | 0.47 | 0.12 | 0.59 | 1.59 | 0.99 | 0.71 | 1.70 | 2.09 | 0.51 | 1.63 | 2.14 | | | | | | | |
| Grand Total | 315.19 | 161.17 | 167.41 | 328.58 | 335.26 | 167.76 | 179.55 | 347.31 | 343.56 | 151.09 | 200.68 | 351.77 | | | | | | | |

Source: Department of Agriculture, Cooperation & Farmers Welfare

Table 14.7(b): Crop-wise Distribution of Certified/ Quality Seeds

| Crops | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 | |
|----------------------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|------|
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) |
| Cereals | | | | | | | | | | | | | | | |
| Wheat | 32.59 | 33.00 | 35.97 | 41.31 | 44.21 | 54.55 | 63.25 | 74.83 | 90.66 | 97.83 | 97.61 | 116.47 | 93.75 | 117.83 | |
| Paddy | 25.58 | 25.79 | 26.51 | 30.98 | 32.41 | 43.51 | 48.93 | 58.18 | 60.95 | 69.34 | 74.41 | 72.14 | 72.45 | 66.84 | |
| Maize | 2.75 | 3.42 | 3.38 | 4.13 | 4.64 | 5.74 | 5.80 | 7.94 | 7.74 | 8.94 | 9.35 | 9.07 | 11.20 | 11.72 | |
| Jowar | 2.20 | 2.15 | 2.37 | 2.31 | 2.28 | 2.32 | 2.38 | 2.41 | 2.24 | 2.16 | 1.99 | 2.29 | 2.06 | 1.74 | |
| Bajra | 1.80 | 1.79 | 1.76 | 1.76 | 2.17 | 2.16 | 1.90 | 2.20 | 1.74 | 2.31 | 2.27 | 2.14 | 2.20 | 1.94 | |
| Ragi | 0.14 | 0.24 | 0.21 | 0.25 | 0.22 | 0.21 | 0.27 | 0.25 | 0.05 | 0.25 | 0.26 | 0.26 | 0.29 | 0.29 | |
| Barley | 0.50 | 0.58 | 0.62 | 0.67 | 0.80 | 1.08 | 1.27 | 1.62 | 1.77 | 1.79 | 3.80 | 1.97 | 1.08 | 2.78 | |
| Sub-Total (Cereals) | 65.56 | 66.97 | 70.82 | 81.41 | 86.73 | 109.87 | 123.80 | 147.43 | 165.15 | 182.62 | 189.69 | 204.37 | 183.03 | 203.20 | |
| Pulses | | | | | | | | | | | | | | | |
| Gram | 1.53 | 2.64 | 3.90 | 3.62 | 3.45 | 5.08 | 6.73 | 8.6 | 12.32 | 12.50 | 13.16 | 14.83 | 17.48 | 14.73 | |
| Lentil | 0.29 | 0.26 | 0.35 | 0.52 | 0.45 | 0.54 | 0.56 | 0.59 | 0.55 | 0.74 | 0.66 | 0.70 | 1.28 | 1.19 | |
| Peas | 0.31 | 0.37 | 0.60 | 0.61 | 0.82 | 0.93 | 1.10 | 1.29 | 2.07 | 1.47 | 1.36 | 1.79 | 3.17 | 2.03 | |
| Urad | 0.97 | 1.43 | 1.32 | 1.01 | 0.92 | 0.8 | 1.40 | 1.37 | 1.61 | 1.96 | 2.31 | 2.33 | 1.64 | 1.84 | |
| Moong | 0.83 | 0.81 | 1.21 | 0.76 | 0.77 | 0.23 | 1.34 | 1.23 | 1.29 | 1.76 | 2.00 | 2.13 | 1.95 | 2.00 | |
| Arhar | 0.64 | 0.64 | 0.64 | 0.72 | 0.77 | 0.85 | 1.18 | 1.09 | 1.37 | 1.52 | 1.92 | 1.80 | 1.73 | 1.69 | |
| Cowpea | 0.05 | 0.33 | 0.05 | 0.08 | 0.11 | 0.09 | 0.10 | 0.16 | 0.20 | 0.33 | 0.32 | 0.45 | 0.24 | 0.25 | |
| Others | 0.07 | 0.12 | 0.10 | 0.08 | 0.08 | 0.11 | 0.16 | 0.15 | 0.28 | 0.56 | 0.53 | 0.48 | 0.31 | 1.05 | |
| Sub-Total (Pulses) | 4.69 | 6.60 | 8.17 | 7.40 | 7.37 | 9.63 | 12.57 | 14.48 | 19.69 | 20.83 | 22.26 | 24.51 | 27.80 | 24.77 | |
| Oilseeds | | | | | | | | | | | | | | | |
| Groundnut | 5.25 | 5.42 | 7.00 | 7.18 | 6.96 | 9.89 | 14.43 | 15.90 | 18.86 | 21.79 | 20.02 | 23.16 | 19.39 | 16.56 | |
| Rapeseed & Mustard | 0.86 | 0.82 | 0.91 | 1.31 | 1.24 | 1.36 | 1.71 | 1.63 | 2.09 | 2.07 | 2.56 | 1.88 | 1.63 | 2.13 | |

(Contd.)

Table 14.7b (*Contd.*)

| Crops | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 |
|--------------------------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) |
| Til | 0.16 | 0.13 | 0.14 | 0.12 | 0.14 | 0.16 | 0.22 | 0.18 | 0.18 | 0.20 | 0.23 | 0.20 | 0.18 | 0.22 |
| Sunflower | 0.48 | 0.61 | 0.56 | 0.80 | 0.90 | 0.89 | 0.92 | 0.80 | 0.76 | 0.55 | 0.29 | 0.35 | 0.32 | 0.28 |
| Soyabean | 4.99 | 6.88 | 10.20 | 13.36 | 14.29 | 14.05 | 16.52 | 20.89 | 28.44 | 25.55 | 37.60 | 32.08 | 38.94 | 23.34 |
| Linsseed | 0.02 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.04 | 0.02 | 0.02 | 0.05 | 0.04 |
| Castorsed | 0.26 | 0.37 | 0.39 | 0.41 | 0.50 | 0.36 | 0.42 | 0.42 | 0.42 | 0.29 | 0.31 | 0.67 | 0.68 | 0.51 |
| Safflower | 0.07 | 0.07 | 0.04 | 0.08 | 0.08 | 0.07 | 0.08 | 0.09 | 0.07 | 0.08 | 0.09 | 0.04 | 0.06 | 0.03 |
| Others | 0.01 | 0.04 | 0.14 | 0.15 | 0.23 | 0.20 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.04 |
| Sub-Total (Oilseeds) | 12.10 | 13.36 | 19.39 | 23.42 | 24.35 | 27.00 | 34.33 | 39.92 | 50.71 | 50.61 | 61.49 | 58.41 | 61.09 | 43.03 |
| Fibres | | | | | | | | | | | | | | |
| Cotton | 2.62 | 2.31 | 2.45 | 2.56 | 2.69 | 2.45 | 1.89 | 2.27 | 2.36 | 2.33 | 2.53 | 2.50 | 2.28 | 2.22 |
| Jute | 0.21 | 0.19 | 0.20 | 0.19 | 0.19 | 0.26 | 0.24 | 0.28 | 0.27 | 0.27 | 0.32 | 0.30 | 0.30 | 0.33 |
| Mesta/Others | 0.06 | 0.24 | 0.13 | 0.01 | 0.01 | 0.34 | 0.50 | 0.03 | 0.02 | 0.04 | 0.24 | 0.15 | 0.29 | 1.31 |
| Sub-Total (Fibers) | 2.89 | 2.74 | 2.78 | 2.76 | 2.89 | 3.05 | 2.63 | 2.58 | 2.65 | 2.64 | 3.09 | 2.95 | 2.87 | 3.86 |
| Other Miscellaneous | | | | | | | | | | | | | | |
| Potato | 6.33 | 7.16 | 7.01 | 5.05 | 5.08 | 5.12 | 5.35 | 10.55 | 18.68 | 20.08 | 16.68 | 21.47 | 24.63 | 28.12 |
| Others | 0.23 | 0.21 | 0.23 | 0.22 | 0.33 | 0.34 | 0.37 | 0.85 | 0.23 | 0.55 | 1.64 | 1.73 | 1.97 | 0.14 |
| Sub-Total (Other Mscs.) | 6.56 | 7.37 | 7.24 | 5.27 | 5.41 | 5.46 | 5.72 | 11.40 | 18.91 | 20.63 | 18.32 | 23.20 | 26.60 | 28.26 |
| Grand Total | 91.80 | 97.04 | 108.40 | 120.26 | 126.75 | 155.01 | 179.05 | 215.81 | 257.11 | 277.34 | 294.85 | 313.44 | 301.39 | 303.12 |

Source: Department of Agriculture, Cooperation & Farmers Welfare

Table 14.7(c): Crop-wise requirement and availability of Certified/ Quality of Hybrid Seeds

| S. No. | Crop | 2010-11 | | | | 2011-12 | | | | 2012-13 | | | | 2013-14 | | | | 2014-15 | | | |
|--------------|-----------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|------|------|---------|------|------|------|---------|------|-----|--|
| | | REQ. | | AV. | | REQ. | | AV. | | REQ. | | AV. | | REQ. | | AV. | | REQ. | | AV. | |
| | | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) | (17) | (18) | | |
| 1 | Paddy | 9.80 | 10.90 | 9.90 | 9.20 | 31.60 | 31.30 | 42.80 | 34.20 | 15.10 | 19.50 | | | | | | | | | | |
| 2 | Maize | 75.40 | 92.20 | 101.70 | 122.00 | 97.00 | 103.40 | 94.00 | 96.60 | 93.50 | 106.90 | | | | | | | | | | |
| 3 | Jowar | 11.50 | 13.90 | 13.00 | 13.90 | 13.20 | 13.90 | 7.90 | 10.20 | 15.60 | 19.00 | | | | | | | | | | |
| 4 | Bajra | 21.90 | 26.00 | 24.60 | 28.40 | 24.00 | 27.10 | 23.60 | 33.20 | 21.00 | 24.80 | | | | | | | | | | |
| 5 | Arhhar | 0.06 | 0.06 | 0.02 | 0.02 | 0.00 | 0.01 | 0.00 | 0.00 | 0.09 | 0.09 | | | | | | | | | | |
| 6 | Sunflower | 5.80 | 6.30 | 6.90 | 9.60 | 6.40 | 6.60 | 4.90 | 5.40 | 2.90 | 3.00 | | | | | | | | | | |
| 7 | Safflower | 0.05 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | |
| 8 | Castor | 2.50 | 3.10 | 3.37 | 4.50 | 4.00 | 4.30 | 3.40 | 4.30 | 7.10 | 8.40 | | | | | | | | | | |
| 9 | Cotton | 14.40 | 15.60 | 19.50 | 22.50 | 22.40 | 25.40 | 15.90 | 17.90 | 17.90 | 21.70 | | | | | | | | | | |
| Total | | 141.41 | 168.06 | 179.00 | 210.12 | 198.60 | 212.01 | 192.50 | 201.80 | 173.19 | 203.39 | | | | | | | | | | |

Source: Department of Agriculture, Cooperation & Farmers Welfare
RGQ: Requirement Av. Availability

Table 14.8(a): Consumption of Electricity for Agricultural Purposes

| Year (1) | Consumption for Agricultural Purposes (GWh) (2) | Total Consumption (GWh) (3) | % Share of Agricultural Consumption to Total Consumption (4) |
|-------------|---|--------------------------------------|---|
| 1983-84 | 18234 | 102344 | 17.82 |
| 1984-85 | 20960 | 114068 | 18.38 |
| 1985-86 | 23422 | 122999 | 19.04 |
| 1986-87 | 29444 | 135952 | 21.66 |
| 1987-88 | 35267 | 145613 | 24.22 |
| 1988-89 | 38878 | 160196 | 24.27 |
| 1989-90 | 44056 | 175419 | 25.11 |
| 1990-91 | 50321 | 190357 | 26.44 |
| 1991-92 | 58557 | 207645 | 28.20 |
| 1992-93 | 63328 | 220674 | 28.70 |
| 1993-94 | 70699 | 238569 | 29.63 |
| 1994-95 | 79301 | 259630 | 30.54 |
| 1995-96 | 85732 | 277029 | 30.95 |
| 1996-97 | 84019 | 280206 | 29.98 |
| 1997-98 | 91242 | 296749 | 30.75 |
| 1998-99 | 97195 | 309734 | 31.38 |
| 1999-00 | 90934 | 312841 | 29.07 |
| 2000-01 | 84729 | 316600 | 26.76 |
| 2001-02 | 81673 | 322459 | 25.33 |
| 2002-03 | 84486 | 339598 | 24.88 |
| 2003-04 | 87089 | 360937 | 24.13 |
| 2004-05 | 88555 | 386134 | 22.93 |
| 2005-06 | 90292 | 411887 | 21.92 |
| 2006-07 | 99023 | 455748 | 21.73 |
| 2007-08 | 104182 | 501977 | 20.75 |
| 2008-09 | 107776 | 527564 | 20.43 |
| 2009-10 | 119492 | 569618 | 20.98 |
| 2010-11 | 126377 | 616969 | 20.48 |
| 2011-12 | 140960 | 672933 | 20.95 |
| 2012-13 | 147462 | 708843 | 20.80 |

Source : Central Electricity Authority, New Delhi
GWh: Giga Watt-hour

Table 14.8 (b): State-wise Consumption of Electricity for Agriculture purpose in 2012-13

| Region | State/UT | Consumption for Agriculture Purpose (GWh) | Total Energy Sold (GWh) | % Share of Consumption for Agriculture |
|--------------------------|------------------------|---|-------------------------|--|
| (1) | (2) | (3) | (4) | (5) |
| Northern | Haryana | 8279.71 | 26257.62 | 31.53 |
| | Himachal Pradesh | 74.95 | 7357.80 | 1.02 |
| | Jammu & Kashmir | 296.74 | 5163.02 | 5.75 |
| | Punjab | 10779.03 | 35825.19 | 30.09 |
| | Rajasthan | 18324.65 | 42160.22 | 43.46 |
| | Uttar Pradesh | 9214.73 | 55549.55 | 16.59 |
| | Uttarakhand | 387.84 | 8574.11 | 4.52 |
| | Chandigarh | 1.40 | 1365.05 | 0.10 |
| | Delhi | 34.22 | 23144.22 | 0.15 |
| | Sub-Total | 47393.27 | 205396.78 | 23.07 |
| Western | Gujarat | 14974.84 | 63426.81 | 23.61 |
| | Madhya Pradesh | 9978.28 | 32935.62 | 30.30 |
| | Chhattisgarh | 2518.08 | 14115.15 | 17.84 |
| | Maharashtra | 22059.05 | 100285.15 | 22.00 |
| | Goa | 21.00 | 2998.21 | 0.70 |
| | Daman & Diu | 4.19 | 1814.17 | 0.23 |
| | D. & N. Haveli | 3.55 | 4594.84 | 0.08 |
| | Sub-Total | 49558.99 | 220169.95 | 22.51 |
| | Andhra Pradesh | 19935.79 | 68439.15 | 29.13 |
| | Karnataka | 17173.77 | 51439.47 | 33.39 |
| Southern | Kerala | 192.64 | 16832.56 | 1.14 |
| | Tamil Nadu | 11248.00 | 62076.91 | 18.12 |
| | Puducherry | 56.75 | 2492.44 | 2.28 |
| | Lakshadweep | 0.00 | 37.90 | 0.00 |
| | Sub-Total | 48606.95 | 201318.43 | 24.14 |
| | Bihar | 336.53 | 6720.60 | 5.01 |
| | Jharkhand | 84.00 | 17124.36 | 0.49 |
| | Odisha | 156.63 | 13552.00 | 1.16 |
| | West Bengal | 1245.56 | 36320.33 | 3.43 |
| | A.& N. Islands | 0.84 | 206.35 | 0.41 |
| Eastern | Sikkim | 0.00 | 385.44 | 0.00 |
| | Sub-Total | 1823.56 | 74309.08 | 2.45 |
| | Assam | 35.00 | 4205.00 | 0.83 |
| | Manipur | 1.58 | 379.01 | 0.42 |
| | Meghalaya | 0.48 | 1258.58 | 0.04 |
| | Nagaland | 0.04 | 327.64 | 0.01 |
| | Tripura | 41.96 | 721.39 | 5.82 |
| | Arunachal Pradesh | 0.00 | 470.93 | 0.00 |
| | Mizoram | 0.08 | 286.60 | 0.03 |
| | Sub-Total (NER) | 79.14 | 7649.15 | 1.03 |
| Total (All India) | | 147461.92 | 708843.39 | 20.80 |

Source : Central Electricity Authority, New Delhi.

GWh: Giga Watt-hour

Table 14.9(a): Flow of Institutional Credit to Agriculture Sector

| Particulars/Agency | 2000-01 | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 |
|----------------------------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) |
| I. Production (ST) Credit | | | | | | | | | | | | | | | |
| Co-operative Banks | 16528 | 18787 | 19668 | 22640 | 27157 | 34930 | 38622 | 43294 | 40164 | 56946 | 64527 | 81829 | 102592 | 113574 | NA |
| RRBs | 3245 | 3777 | 4775 | 6088 | 10010 | 12712 | 16631 | 21133 | 22413 | 29802 | 37808 | 47401 | 55957 | 70697 | NA |
| Commercial Banks* | 13486 | 17904 | 21104 | 26192 | 38791 | 57640 | 83202 | 116966 | 147818 | 189908 | 216773 | 266928 | 314951 | 388730 | NA |
| Other Agencies | 55 | 41 | 39 | 57 | 104 | 68 | | 66 | | | | 0 | 0 | | |
| Sub Total (A) | 33314 | 40509 | 45586 | 54977 | 76062 | 105350 | 138455 | 181393 | 210461 | 276656 | 319108 | 396158 | 473500 | 573001 | 635412 |
| II. MT/LT Credit | | | | | | | | | | | | | | | |
| Co-operative Banks | 4190 | 4737 | 3968 | 4235 | 4074 | 4474 | 3858 | 4964 | 5802 | 6551 | 5578 | 6134 | 8611 | 6389 | NA |
| RRBs | 974 | 1077 | 1295 | 1493 | 2394 | 2511 | 3804 | 4179 | 4352 | 5415 | 6160 | 7049 | 7724 | 11956 | NA |
| Commercial Banks* | 14321 | 15683 | 18670 | 26249 | 42690 | 67837 | 83283 | 64122 | 81133 | 95892 | 115933 | 101688 | 117540 | 120275 | NA |
| Other Agencies | 28 | 39 | 41 | 27 | 89 | 314 | | | 160 | | | | | | |
| Sub Total (B) | 19513 | 21536 | 23974 | 32004 | 49247 | 75136 | 90945 | 73265 | 91447 | 107858 | 127671 | 114871 | 133875 | 138620 | 209916 |
| ST + MT/LT Credit | | | | | | | | | | | | | | | |
| Co-operative Banks | 20718 | 23524 | 23636 | 26875 | 31231 | 39404 | 42480 | 48258 | 45966 | 63497 | 70105 | 87963 | 111203 | 119963 | 138469 |
| RRBs | 4219 | 4854 | 6070 | 7581 | 12404 | 15223 | 20435 | 25312 | 26765 | 35217 | 43968 | 54450 | 63681 | 82653 | 102483 |
| Commercial Banks* | 27807 | 33587 | 39774 | 52441 | 81481 | 125477 | 166485 | 181088 | 228951 | 285800 | 332706 | 368616 | 432491 | 569005 | 604376 |
| Other Agencies | 83 | 80 | 80 | 84 | 193 | 382 | 0 | 0 | 226 | 0 | 0 | 0 | 0 | 0 | |
| Grand Total (A+B) | 52827 | 62045 | 69560 | 86981 | 125309 | 180486 | 229400 | 254658 | 301908 | 384514 | 446779 | 511029 | 607375 | 711621 | 845338 |

Source: Department of Agriculture, Cooperation & Farmers Welfare (Credit Division)

* Provisional

NA : Agency-wise segregation is not available for Short Terms/Mid Term/Long Term Credit

Table 14.9(b): State-wise Agriculture Loan disbursed during 2014-15

(No. of A/c in Thousands)

| S. No. | States | Crop Loan | | | Term Loan | | | Total Loan (Crop Loan & Term Loan) | |
|--------|----------------|------------|--------|------------|-----------|------------|--------|------------------------------------|--------|
| | | No. of A/c | Amount | No. of A/c | Amount | No. of A/c | Amount | No. of A/c | Amount |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | | |
| 1 | Tamilnadu | 8984 | 69554 | 2728 | 30671 | 11713 | 100226 | | |
| 2 | Punjab | 2053 | 64528 | 230 | 8435 | 2283 | 72963 | | |
| 3 | Uttar Pradesh | 7777 | 57431 | 918 | 15180 | 8695 | 72611 | | |
| 4 | Maharashtra | 5196 | 40088 | 1016 | 26733 | 6213 | 66821 | | |
| 5 | Rajasthan | 4966 | 36072 | 509 | 9672 | 5475 | 65743 | | |
| 6 | Karnataka | 4626 | 40621 | 1053 | 19612 | 5679 | 60233 | | |
| 7 | Kerala | 5559 | 44425 | 788 | 12784 | 6347 | 57209 | | |
| 8 | Andhra Pradesh | 4274 | 39411 | 807 | 14525 | 5080 | 53936 | | |
| 9 | Madhya Pradesh | 5191 | 40679 | 265 | 6370 | 5456 | 47049 | | |
| 10 | Haryana | 2110 | 32554 | 147 | 7884 | 2258 | 40438 | | |
| 11 | Gujarat | 2249 | 28730 | 388 | 10597 | 2637 | 39327 | | |
| 12 | West Bengal | 6605 | 22846 | 965 | 14448 | 7569 | 37294 | | |
| 13 | Telangana | 2611 | 22632 | 261 | 7885 | 2872 | 30517 | | |
| 14 | Bihar | 2630 | 15305 | 472 | 7558 | 3102 | 22864 | | |
| 15 | Odisha | 3838 | 14745 | 196 | 2525 | 4034 | 17271 | | |
| 16 | Puducherry | 2323 | 15165 | 59 | 765 | 2381 | 15930 | | |
| 17 | Delhi | 6 | 9602 | 11 | 5662 | 17 | 15264 | | |
| 18 | Chhattisgarh | 1285 | 6060 | 51 | 1812 | 1336 | 7872 | | |

Table 14.9b (*Contd.*)

| S. No. | States | Crop Loan | | | Term Loan | | | Total Loan (Crop Loan & Term Loan) | |
|--------------------|-------------------|--------------|---------------|--------------|---------------|--------------|---------------|------------------------------------|--------|
| | | No. of A/c | Amount | No. of A/c | Amount | No. of A/c | Amount | No. of A/c | Amount |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | | |
| 19 | Uttarakhand | 410 | 4747 | 46 | 839 | 456 | 5586 | | |
| 20 | Himachal Pradesh | 239 | 3818 | 56 | 1146 | 296 | 4964 | | |
| 21 | Assam | 359 | 1830 | 70 | 922 | 429 | 2751 | | |
| 22 | Jharkhand | 542 | 1719 | 60 | 800 | 602 | 2518 | | |
| 23 | Chandigarh | 2 | 838 | 3 | 1502 | 5 | 2340 | | |
| 24 | Tripura | 109 | 474 | 50 | 548 | 159 | 1023 | | |
| 25 | Goa | 23 | 247 | 31 | 530 | 53 | 777 | | |
| 26 | Jammu & Kashmir | 51 | 600 | 13 | 166 | 64 | 766 | | |
| 27 | Lakshadweep | 19 | 175 | 2 | 58 | 21 | 233 | | |
| 28 | Meghalaya | 40 | 166 | 4 | 30 | 44 | 196 | | |
| 29 | Manipur | 15 | 64 | 8 | 88 | 23 | 153 | | |
| 30 | Nagaland | 20 | 87 | 3 | 48 | 23 | 135 | | |
| 31 | Sikkim | 6 | 48 | 1 | 28 | 7 | 75 | | |
| 32 | Mizoram | 9 | 37 | 3 | 33 | 12 | 70 | | |
| 33 | A & N Island | 4 | 47 | 2 | 19 | 6 | 66 | | |
| 34 | Arunachal Pradesh | 5 | 34 | 1 | 15 | 5 | 50 | | |
| 35 | D & N Haveli | 1 | 14 | 0 | 16 | 1 | 30 | | |
| 36 | Daman & Diu | 1 | 19 | 0 | 8 | 1 | 26 | | |
| GRAND TOTAL | | 74139 | 635412 | 11217 | 209916 | 85355 | 845328 | | |

Source: Department of Agriculture, Cooperation & Farmers Welfare (Credit Division)
Note: States/UTs have been sorted in ascending order of Total Loan in Col-8

Table 14.10 State-wise and Agency-wise Operative / Live KCCs - Issued and amount outstanding as on 31 March 2015 (Cumulative)

| Sr. No. | State/UT | Cooperative Banks | | | Regional Rural Banks | | | Commercial Banks | | | Total |
|---------|--------------------|-------------------|------------------|-----------|----------------------|------------------|-----------|------------------|--------------------|-----------|----------|
| | | Cards issued | Amt. outstanding | (4) | Cards issued | Amt. outstanding | (5) | Cards issued | Amount outstanding | (8) | |
| (1) | (2) | (3) | (4) | (5) | (6) | (6) | (7) | (8) | (9) | (10) | (10) |
| 1 | Andhra Pradesh | 2,895,397 | 7,836.22 | 1,582,084 | 7,726.67 | 1,824.75 | 3,689,954 | 39388.33 | 8,167,435 | 54,951.22 | 4,577.15 |
| 2 | Assam | 27,263 | 33.43 | 456,677 | 3,294 | 8.76 | 10448 | 54.76 | 14,192 | 72.84 | |
| 3 | Arunachal Pradesh# | 450 | 9.32 | 1,276.00 | 1,548,625 | 6,283.86 | 1423068 | 9786.24 | 3,653,312 | 17,346.10 | |
| 4 | Bihar | 681,619 | | | | | | | | | |
| 5 | Gujarat | 1,483,841 | 8,229.04 | 250,508 | 2,467.71 | 994490 | 19330.98 | 2,728,839 | 30,027.73 | | |
| 6 | Goa \$ | 1,117 | 17.03 | 0 | 0.00 | 4275 | 95.71 | 5,392 | 112.74 | | |
| 7 | Haryana | 1,320,725 | 7,349.96 | 208,679 | 2,619.21 | 571778 | 19647.47 | 2,101,182 | 29,616.64 | | |
| 8 | Himachal Pradesh | 94,718 | 901.74 | 131,769 | 248.00 | 189050 | 2649.49 | 415,537 | 3,799.23 | | |
| 9 | Jammu & Kashmir | 33,690 | 261.66 | 16,343 | 99.03 | 214872 | 2839.89 | 264,905 | 3,200.58 | | |
| 10 | Karnataka | 2,375,383 | 8,879.73 | 840,059 | 7,267.21 | 912001 | 23744.84 | 4,127,443 | 39,891.78 | | |
| 11 | Kerala | 787,724 | 2,542.48 | 159,671 | 1,106.05 | 301964 | 8415.17 | 1,249,359 | 12,063.70 | | |
| 12 | Madhya Pradesh | 5,166,011 | 12,857.50 | 504,079 | 5,283.78 | 1488478 | 25649.69 | 7,158,568 | 43,790.97 | | |
| 13 | Maharashtra | 4,869,885 | 13,466.71 | 353,084 | 2,320.43 | 2238521 | 28958.55 | 7,461,490 | 44,745.69 | | |
| 14 | Meghalaya# | 25,798 | 2,713.00 | 16,865 | 70.05 | 591.38 | 259.31 | 101,801 | 3,042.36 | | |
| 15 | Mizoram# | 790 | 6.22 | 18,069 | 73.94 | 14627 | 81.83 | 33,486 | 161.99 | | |
| 16 | Manipur# | 484 | 1.90 | 5,588 | 14.35 | 19887 | 119.43 | 25,959 | 135.68 | | |
| 17 | Nagaland# | 2,364 | 9.92 | 1,096 | 2.02 | 32029 | 138.18 | 35,489 | 150.12 | | |
| 18 | Odisha | 4,440,063 | 6,760.49 | 573,556 | 1,999.77 | 703661 | 3851.69 | 5,717,280 | 12,611.95 | | |
| 19 | Punjab | 996,147 | 6,807.89 | 116,613 | 2,882.55 | 747791 | 39245.76 | 1,860,551 | 48,936.20 | | |
| 20 | Rajasthan | 3,926,861 | 11,401.80 | 528,884 | 8,487.34 | 1716205 | 36190.73 | 6,171,950 | 56,079.87 | | |

(Contd.)

Table 14.10 (*Contd.*)

| (1) | (2) | Cooperative Banks | | Regional Rural Banks | | Commercial Banks | | Cards issued | Amount outstanding | Total |
|-----|-----------------|-------------------|------------------|----------------------|------------------|------------------|--------------------|--------------|--------------------|-------|
| | | Cards issued | Amt. outstanding | Cards issued | Amt. outstanding | Cards issued | Amount outstanding | | | |
| 21 | Sikkim#\$ | 7,617 | 7,63 | 0 | 0.00 | 4101 | 29,9 | 11,718 | 37,53 | |
| 22 | Tamil Nadu | 1,430,790 | 4,694.70 | 498,399 | 1,626,64 | 584878 | 10565,51 | 2,514,067 | 16,886.85 | |
| 23 | Tripura# | 113,154 | 122,79 | 113,313 | 122,75 | 79381 | 284,22 | 305,848 | 529,76 | |
| 24 | Uttar Pradesh | 4,298,533 | 7,049.26 | 3,090,630 | 19,243.82 | 3832845 | 45915,2 | 11,222,008 | 72,208.28 | |
| 25 | West Bengal | 1,894,295 | 2,806,68 | 567,591 | 2,056,20 | 1032630 | 5275,83 | 3,494,516 | 10,138.71 | |
| 26 | A & N island#\$ | 6,033 | 9,37 | 0 | 0.00 | 838 | 3,14 | 6,871 | 12,51 | |
| 27 | Chandigarh\$ | 0 | 0.00 | 0 | 0.00 | 1501 | 230,37 | 1,501 | 230,37 | |
| 28 | Daman & Diu#\$ | 0 | 0.00 | 0 | 0.00 | 49 | 6,61 | 49 | 6,61 | |
| 29 | New Delhi#\$ | 311 | 3,94 | 0 | 0.00 | 4034 | 167,6 | 4,345 | 171,54 | |
| 30 | D & N Haveli@\$ | 0 | 0.00 | 0 | 0.00 | 608 | 15,82 | 608 | 15,82 | |
| 31 | Lakshadweep@\$ | 0 | 0.00 | 0 | 0.00 | 706 | 2,89 | 706 | 2,89 | |
| 32 | Puducherry# | 5,867 | 16,17 | 1,158 | 7,27 | 18497 | 282,36 | 25,522 | 305,80 | |
| 33 | Jharkhand | 37,369 | 35,09 | 449,061 | 832,27 | 621491 | 2273,41 | 1,107,921 | 3,140,77 | |
| 34 | Chhattisgarh | 1,935,533 | 2,732,50 | 257,904 | 946,98 | 198319 | 2692,86 | 2,391,756 | 6,372,34 | |
| 35 | Uttarakhand | 367,072 | 846,93 | 49,027 | 271,54 | 222120 | 3814,48 | 638,219 | 4,932,95 | |
| | TOTAL | 39,226,904 | 109,687,10 | 12,342,626 | 75,892,95 | 22,524,560 | 334,496,85 | 74,094,090 | 520,307,27 | |

Source: Department of Agriculture, Cooperation & Farmers Welfare (Credit Division)

SCB functions as CFA.

@ No Cooperative Banks in these UTs.

\$ No RRB in these States/UTs.

Table 14.11(a); State-wise National Agricultural Insurance Scheme (NAIS)-Cumulative upto Rabi 2014-15

| S. No. | State / UTs | No. of Farmers covered | Area Insured (In Ha) | Sum Insured | Farmers' Premium | State Govt. Premium (Share) | Gol Premium (Share) | Gross Premium | Claims Reported | Claims Paid | No. of Farmers Benefited |
|--------|------------------|------------------------|----------------------|-------------|------------------|-----------------------------|---------------------|---------------|-----------------|-------------|--------------------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| 1 | Andhra Pradesh | 30018556 | 45681281.24 | 6244130.62 | 161625.49 | 7884.46 | 177394.41 | 487804.04 | 472718.72 | 6876533 | |
| 2 | Assam | 420342 | 307254.82 | 89840.77 | 2247.07 | 129.57 | 2506.21 | 1687.30 | 1655.87 | 65963 | |
| 3 | Bihar | 7616212 | 8903914.75 | 172992.40 | 35738.72 | 1683.78 | 39106.29 | 343497.24 | 229868.67 | 3269864 | |
| 4 | Chhattisgarh | 10519336 | 21197012.67 | 1177435.60 | 27980.38 | 1258.07 | 731.89 | 29970.33 | 39967.48 | 39856.62 | 1712134 |
| 5 | Goa | 8211 | 13440.13 | 318.12 | 4.31 | 0.73 | 0.60 | 5.65 | 2.36 | 2.36 | 702 |
| 6 | Gujarat | 14992011 | 34163257.31 | 4577163.19 | 165820.38 | 12489.92 | 3872.73 | 182183.03 | 700536.41 | 700448.90 | 5137321 |
| 7 | Haryana | 635778 | 769038.32 | 83496.10 | 2345.73 | 34.13 | 34.13 | 2413.98 | 4336.39 | 4336.40 | 129424 |
| 8 | Himachal Pradesh | 346302 | 272638.39 | 66495.37 | 771.37 | 554.24 | 75.14 | 1400.75 | 1828.78 | 1828.78 | 108562 |
| 9 | Jharkhand | 6341386 | 3830461.20 | 359144.57 | 8308.30 | 241.60 | 241.60 | 8791.50 | 52466.07 | 52450.26 | 2188050 |
| 10 | Karnataka | 13149944 | 20872419.69 | 1641805.69 | 45997.05 | 1200.35 | 1200.35 | 48397.74 | 194940.44 | 194940.44 | 5223118 |
| 11 | Kerala | 461282 | 414760.68 | 87165.63 | 1629.98 | 125.80 | 125.80 | 1881.59 | 3062.82 | 3062.82 | 85470 |
| 12 | Madhya Pradesh | 38247033 | 91052481.24 | 7929720.60 | 207839.95 | 2949.75 | 2949.75 | 213739.45 | 521149.47 | 511963.48 | 7476038 |
| 13 | Maharashtra | 40094326 | 33477684.05 | 2828896.28 | 90235.47 | 28581.22 | 3776.22 | 122592.91 | 477675.90 | 451564.01 | 14960115 |
| 14 | Manipur | 28131 | 40672.38 | 10306.30 | 239.91 | 8.09 | 8.09 | 256.09 | 956.50 | 956.50 | 22418 |
| 15 | Meghalaya | 35228 | 35351.79 | 7017.02 | 266.69 | 20.75 | 20.75 | 308.19 | 68.46 | 52.17 | 3600 |

(Contd.)

Table 14.11a (*Contd.*)

| S. No. | State / UTs | No. of Farmers covered | Area Insured (In Ha) | Sum Insured | Farmers' Premium | State Govt. Premium (Share) | Gol Premium (Share) | Gross Premium | Claims Reported | Claims Paid | No. of Farmers Benefitted |
|--------------------|-----------------|------------------------|----------------------|--------------------|------------------|-----------------------------|---------------------|-------------------|-------------------|-------------------|---------------------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| 16 | Mizoram | 121 | 133.79 | 23.24 | 0.53 | 0.03 | 0.03 | 0.58 | 11.23 | 11.23 | 119 |
| 17 | Odisha | 17716672 | 17413214.56 | 2863667.90 | 642222.17 | 3718.82 | 3718.82 | 71659.82 | 209356.33 | 208565.18 | 3233123 |
| 18 | Rajasthan | 15058674 | 31379980.35 | 1620309.00 | 45016.74 | 368.81 | 368.81 | 45754.35 | 262165.99 | 262165.99 | 5200566 |
| 19 | Sikkim | 1913 | 1337.37 | 266.63 | 3.71 | 0.30 | 0.30 | 4.31 | 1.28 | 1.28 | 86 |
| 20 | Tamil Nadu | 7193208 | 9285930.85 | 2096615.62 | 26886.04 | 24459.03 | 1779.31 | 53124.38 | 296479.13 | 295816.62 | 2828760 |
| 21 | Telangana | 266043 | 296567.97 | 105123.53 | 3047.52 | 139.46 | 139.46 | 3326.44 | 2204.19 | 2204.19 | 53591 |
| 22 | Tripura | 19783 | 13053.65 | 2980.37 | 73.65 | 4.46 | 4.46 | 82.58 | 58.31 | 58.31 | 3432 |
| 23 | Uttar Pradesh | 23426012 | 31070385.59 | 3353782.49 | 63262.82 | 2609.59 | 2609.59 | 68482.01 | 116937.52 | 116937.52 | 4517617 |
| 24 | Uttarakhand | 399156 | 372508.94 | 87097.93 | 1799.49 | 89.32 | 89.32 | 1978.13 | 4188.31 | 4188.31 | 119370 |
| 25 | West Bengal | 13124709 | 6554104.71 | 1645194.63 | 41127.42 | 34849.16 | 4516.57 | 80493.15 | 126254.62 | 123610.06 | 2880357 |
| 26 | A & N Islands | 3718 | 5769.00 | 1666.29 | 3.25 | 34.95 | 5.44 | 43.65 | 115.22 | 115.22 | 944 |
| 27 | Puducherry | 41578 | 58051.36 | 10879.27 | 141.55 | 54.48 | 14.15 | 210.19 | 316.95 | 313.75 | 7269 |
| 28 | Jammu & Kashmir | 49065 | 68994.99 | 10902.23 | 197.86 | 7.97 | 7.97 | 213.80 | 126.42 | 124.07 | 4422 |
| Grand Total | | 240214730 | 357551701.80 | 38628437.41 | 996833.56 | 123498.84 | 35989.11 | 1156321.51 | 3843195.17 | 3679817.74 | 66109038 |

Source: Department of Agriculture, Cooperation & Farmers Welfare (Credit Division)

Note: Rabi 2014-15 statistics is provisional and claims from few states are yet to be reported

Table 14.11 (b): Season-wise National Agricultural Insurance Scheme (NAIS)-Cumulative upto Rabi 2014-15

| S. No. | Season No. | No. of Farmers Covered | Area Insured (In Hec.) | Sum Insured | Farmers' Premium | State Govt. Premium (Share) | Goi Premium (Share) | Gross Premium | Claims Reported | Claims Paid | No. of Farmers Benefited | |
|--------|----------------------|------------------------|------------------------|-------------------|------------------|-----------------------------|---------------------|-----------------|------------------|------------------|--------------------------|--|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | |
| 1 | Rabi 1999-00 | 579940 | 780569.36 | 35640.71 | 376.78 | 82.85 | 542.48 | 769.26 | 769.26 | 55288 | | |
| 2 | Kharif 2000 | 8409374 | 13219828.68 | 690338.38 | 15933.68 | 2369.94 | 20673.55 | 122248.15 | 122248.15 | 3635252 | | |
| 3 | Rabi 2000-01 | 2091733 | 3111423.25 | 160268.46 | 1955.23 | 411.77 | 2778.76 | 5948.63 | 5948.63 | 526697 | | |
| | Total 2000-01 | 10501107 | 16331251.93 | 850606.84 | 17889.91 | 2781.70 | 2781.70 | 23452.31 | 128196.78 | 128196.78 | 4161949 | |
| 4 | Kharif 2001 | 8696587 | 12887710.38 | 750246.11 | 21399.68 | 2381.07 | 2381.07 | 26161.82 | 49363.57 | 49363.57 | 1741906 | |
| 5 | Rabi 2001-02 | 1955431 | 3145872.65 | 149751.11 | 2237.00 | 388.90 | 388.90 | 3014.79 | 6465.80 | 6465.80 | 453325 | |
| | Total 2001-02 | 10652018 | 16033583.03 | 899997.22 | 23636.68 | 2769.97 | 2769.97 | 29176.61 | 55829.37 | 55829.37 | 2195231 | |
| 6 | Kharif 2002 | 9768711 | 15532348.53 | 943169.37 | 28060.29 | 2243.19 | 2243.19 | 32546.68 | 182439.20 | 182439.20 | 4297155 | |
| 7 | Rabi 2002-03 | 2326811 | 4037824.35 | 183754.52 | 3177.63 | 336.41 | 336.41 | 3850.44 | 18854.84 | 18854.84 | 926408 | |
| | Total 2002-03 | 12095522 | 19570172.88 | 1126923.89 | 31237.92 | 2579.60 | 2579.60 | 36397.12 | 201294.04 | 201294.04 | 5223563 | |
| 8 | Kharif 2003 | 7970830 | 12355513.83 | 811412.55 | 25888.61 | 1222.29 | 28333.19 | 65268.12 | 65268.12 | 1712270 | | |
| 9 | Rabi 2003-04 | 4421287 | 6468662.75 | 304949.21 | 5781.70 | 312.09 | 312.09 | 6405.87 | 49710.37 | 49710.37 | 2098125 | |
| | Total 2003-04 | 12392117 | 18824176.58 | 1116361.76 | 31670.31 | 1534.38 | 1534.38 | 34739.06 | 114978.49 | 114978.49 | 3810395 | |
| 10 | Kharif 2004 | 12687104 | 24273393.97 | 1317061.59 | 43885.06 | 1004.61 | 1004.61 | 45894.28 | 103829.42 | 103829.42 | 2674743 | |
| 11 | Rabi 2004-05 | 3531045 | 5343243.62 | 377420.53 | 7172.91 | 206.18 | 206.18 | 7585.28 | 16058.60 | 16058.60 | 772779 | |
| | Total 2004-05 | 16218149 | 29616637.59 | 1694482.12 | 51057.97 | 1210.79 | 1210.79 | 53479.55 | 119888.01 | 119888.01 | 3447522 | |

(Contd.)

Table 14.11b (*Contd.*)

| S. No. | Season | No. of Farmers Covered | Area Insured (In Hec.) | Sum Insured | Farmers' Premium | State Govt. Premium (Share) | Goi Premium (Share) | Gross Premium | Claims Reported | Claims Paid | No. of Farmers Benefitted |
|--------|----------------------|------------------------|------------------------|-------------------|------------------|-----------------------------|---------------------|------------------|------------------|------------------|---------------------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| 12 | Kharif 2005 | 12673833 | 20531037.95 | 1351909.81 | 42951.40 | 1021.77 | 1021.77 | 44994.94 | 108644.91 | 108644.91 | 2687605 |
| 13 | Rabi 2005-06 | 4048324 | 7218417.22 | 50716.12 | 9959.28 | 261.56 | 261.56 | 10482.40 | 33830.20 | 33830.20 | 980748 |
| | Total 2005-06 | 16722357 | 27749455.17 | 1859075.94 | 52910.68 | 1283.33 | 1283.33 | 55477.34 | 142475.11 | 142475.11 | 3668353 |
| 14 | Kharif 2006 | 12934060 | 19672280.35 | 1475936.10 | 44074.09 | 1592.60 | 1062.46 | 46729.14 | 177621.89 | 177621.89 | 3131511 |
| 15 | Rabi 2006-07 | 4977980 | 7632881.68 | 654221.41 | 13149.85 | 769.47 | 368.27 | 14287.60 | 51597.41 | 51597.41 | 1391554 |
| | Total 2006-07 | 17912040 | 27305162.03 | 2130157.52 | 57223.94 | 2362.07 | 1430.73 | 61016.74 | 229219.30 | 229219.30 | 4523065 |
| 16 | Kharif 2007 | 13398822 | 20754746.67 | 1700796.37 | 49766.23 | 1429.31 | 1236.74 | 52432.28 | 91535.70 | 91535.70 | 1591863 |
| 17 | Rabi 2007-08 | 5044016 | 7387156.02 | 746664.33 | 14071.44 | 1345.25 | 454.31 | 15871.00 | 81017.92 | 81017.92 | 1578668 |
| | Total 2007-08 | 18442838 | 28141902.69 | 2447460.70 | 63837.67 | 2774.56 | 1691.05 | 68303.28 | 172553.61 | 172553.61 | 3170531 |
| 18 | Kharif 2008 | 12992272 | 17636186.74 | 1566607.29 | 47822.23 | 2192.86 | 1179.27 | 51194.35 | 237780.25 | 237780.26 | 4218975 |
| 19 | Rabi 2008-09 | 6210648 | 8857836.10 | 1114871.03 | 22332.07 | 6296.27 | 943.74 | 29572.08 | 150981.81 | 150981.81 | 1979705 |
| | Total 2008-09 | 19202920 | 26494022.84 | 2681478.32 | 70154.30 | 8489.13 | 2123.01 | 80766.44 | 388762.06 | 388762.06 | 6198680 |
| 20 | Kharif 2009 | 18253072 | 25769817.24 | 2761670.64 | 80572.32 | 3589.15 | 2123.41 | 86284.89 | 453744.83 | 453744.83 | 7970699 |
| 21 | Rabi 2009-10 | 5681148 | 7899761.05 | 1100750.21 | 21674.65 | 6524.54 | 971.28 | 29170.48 | 58727.80 | 58013.31 | 1043877 |
| | Total 2009-10 | 23934220 | 33669578.29 | 3862420.85 | 102246.98 | 10113.70 | 3094.70 | 115455.37 | 512472.63 | 511758.14 | 9014576 |
| 22 | Kharif 2010 | 12682242 | 17108888.27 | 2371106.80 | 67637.11 | 2612.50 | 1928.94 | 72178.55 | 164177.75 | 164177.75 | 2252829 |
| 23 | Rabi 2010-11 | 4967878 | 6938628.49 | 1101055.62 | 20398.73 | 8405.33 | 1012.67 | 29816.72 | 65793.61 | 65793.61 | 1138465 |
| | Total 2010-11 | 17650120 | 24047516.76 | 3472162.42 | 88035.84 | 11017.82 | 2941.61 | 101995.27 | 229971.35 | 229971.18 | 3391294 |

(Contd.)

Table 14.11b (*Contd.*)

| S. No. | Season | No. of Farmers Covered | Area Insured (In Hec.) | Sum Insured | Farmers' Premium | State Govt. Premium (Share) | Goi Premium (Share) | Gross Premium | Claims Reported | Claims Paid | No. of Farmers Benefitted |
|--------|-----------------------------|------------------------|------------------------|-------------------|------------------|-----------------------------|---------------------|-------------------|-------------------|-------------------|---------------------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| 24 | Kharif 2011 | 11554561 | 15776488.93 | 2348710.36 | 66203.64 | 3347.24 | 1884.02 | 71434.91 | 166541.78 | 166541.49 | 1844727 |
| 25 | Rabi 2011-12 | 5239299 | 7609277.50 | 1128393.63 | 19447.73 | 5669.68 | 650.40 | 25767.81 | 54320.16 | 54216.47 | 1287183 |
| | Total 2011-12 | 16793860 | 23385766.43 | 3477103.99 | 85651.37 | 9016.93 | 2534.43 | 97202.72 | 220861.94 | 220757.96 | 3131910 |
| 26 | Kharif 2012 | 10649354 | 15693700.52 | 2719906.05 | 76983.25 | 8824.39 | 2066.54 | 87874.18 | 278578.90 | 278577.25 | 1909592 |
| 27 | Rabi 2012-13 | 6141677 | 8691156.97 | 1570872.75 | 27191.23 | 16621.70 | 957.04 | 44769.98 | 205254.95 | 191484.67 | 2533953 |
| | Total 2012-13 | 16791031 | 24384857.49 | 4290778.80 | 104174.48 | 25446.10 | 3023.58 | 132644.16 | 483833.86 | 470061.91 | 4453545 |
| 28 | Kharif 2013 | 9746595 | 14230707.02 | 2892425.09 | 82132.15 | 13390.73 | 2249.52 | 97772.40 | 310040.65 | 305991.70 | 2785487 |
| 29 | Rabi 2013-14 | 3973984 | 6472309.81 | 461452.54 | 20400.76 | 8643.51 | 711.46 | 29755.73 | 104361.26 | 98396.29 | 996182 |
| | Total 2013-14 | 13720579 | 20703016.84 | 3355387.63 | 102532.92 | 22034.24 | 2960.98 | 127528.13 | 414401.91 | 404387.98 | 3781669 |
| 30 | Kharif 2014 | 9683572 | 11545892.10 | 2438783.44 | 78459.10 | 4028.72 | 1978.00 | 84465.82 | 291840.79 | 288760.51 | 4335503 |
| 31 | Rabi 2014-15(P) | 6922782 | 8968423.98 | 2089204.38 | 35741.38 | 15973.17 | 1968.61 | 53683.16 | 135844.49 | 166.88 | 1545940 |
| | Total 2014-15(P) | 16606554 | 20514316.08 | 4527987.83 | 114200.47 | 20001.89 | 3946.62 | 138148.98 | 427685.28 | 288927.39 | 5881443 |
| | Kharif Seasons Total | | | | | | | | | | |
| | Rabi Seasons Total | | | | | | | | | | |
| | Grand Total | 240214730 | 357551701.80 | 3862843741 | 996833.56 | 123498.84 | 35989.11 | 1156321.51 | 3843195.17 | 3679817.74 | 66109038 |

Source: Department of Agriculture, Cooperation & Farmers Welfare(Credit Division)

Note: Rabi 2014-15 statistics is provisional and claims from few states are yet to be reported

Table 14.12(a): State-wise Weather Based Crop Insurance Scheme (WBCS)-Cumulative (upto Rabi 2014-15)

| Sl. No. | State / UT | Farmers Insured (no.) | Area Insured (ha.) | Sum Insured (5) | Farmer Premium (6) | GOI Premium (7) | Share in Premium (share) | State Govt Premium (8) | Gross Premium (9) | Claims Payable (10) | Claims Paid (11) | Farmers Benefited (no.) (12) | |
|--------------|------------------|-----------------------|--------------------|--------------------|--------------------|------------------|--------------------------|------------------------|-------------------|---------------------|------------------|------------------------------|--|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | | |
| 1 | Andhra Pradesh | 2886162 | 4671266.21 | 1184993.37 | 45501.37 | 36373.92 | 118249.22 | 92277.89 | 91921.00 | 73.26 | 2092937 | | |
| 2 | Assam | 24210 | 12618.91 | 19795.65 | 387.38 | 193.25 | 773.88 | 1343.73 | 1343.73 | 73.26 | 19726 | | |
| 3 | Bihar | 12889390 | 13114093.48 | 3043102.50 | 86904.15 | 89458.40 | 265820.94 | 199905.33 | 148182.48 | 10648027 | | | |
| 4 | Chhattisgarh | 1287074 | 2246719.39 | 443314.00 | 18905.01 | 11149.55 | 12093.90 | 42148.47 | 31947.25 | 31945.81 | 843825 | | |
| 5 | Gujarat | 497661 | 413126.40 | 22394.75 | 251.80 | 839.80 | 1147.88 | 2239.48 | 857.35 | 857.35 | 170576 | | |
| 6 | Haryana | 359388 | 602022.74 | 190260.67 | 3695.45 | 5600.38 | 7472.65 | 16768.48 | 6565.42 | 4565.93 | 247658 | | |
| 7 | Himachal Pradesh | 253996 | 2595224.18 | 97440.27 | 5610.32 | 2805.10 | 2805.10 | 11220.51 | 7435.58 | 5688.81 | 133898 | | |
| 8 | Jharkhand | 585354 | 563565.44 | 120809.28 | 4162.14 | 3248.17 | 3248.17 | 10658.48 | 7730.68 | 511.95 | 520319 | | |
| 9 | Jammu & Kashmir | 1364 | 809.23 | 461.26 | 23.06 | 11.53 | 11.53 | 46.13 | 54.18 | 0.00 | 1364 | | |
| 10 | Karnataka | 984877 | 1219823.09 | 234390.40 | 11517.90 | 7527.86 | 7527.86 | 26573.63 | 19582.71 | 18380.40 | 787106 | | |
| 11 | Kerala | 128091 | 93125.35 | 28404.51 | 1013.12 | 845.73 | 1007.14 | 2865.99 | 2039.42 | 1894.36 | 96488 | | |
| 12 | Madhya Pradesh | 1131979 | 1766620.71 | 420952.75 | 12735.58 | 13395.44 | 13395.44 | 39526.45 | 24156.91 | 19287.02 | 977403 | | |
| 13 | Maharashtra | 2067385 | 2023099.27 | 518643.36 | 23857.89 | 15810.73 | 20754.59 | 60423.20 | 60801.83 | 60345.53 | 1718481 | | |
| 14 | Odisha | 315742 | 456503.67 | 65780.84 | 1414.07 | 2121.10 | 2121.10 | 5656.26 | 3210.36 | 3210.36 | 215814 | | |
| 15 | Punjab | 67 | 338.20 | 47.58 | 1.20 | 1.80 | 1.80 | 4.79 | 0.67 | 0.67 | 50 | | |
| 16 | Rajasthan | 38734181 | 51838206.36 | 4241215.04 | 137395.94 | 140959.43 | 140959.43 | 419314.80 | 330158.34 | 325384.13 | 24095606 | | |
| 17 | Tamil Nadu | 133335 | 178638.54 | 31800.02 | 926.18 | 1057.68 | 1057.68 | 3041.36 | 2303.92 | 2266.76 | 67854 | | |
| 18 | Telangana | 70538 | 69111.53 | 20437.12 | 1015.80 | 507.90 | 2031.59 | 5518.05 | 0.00 | 68721 | | | |
| 19 | Uttar Pradesh | 821232 | 648030.90 | 160652.64 | 5835.78 | 7732.63 | 21301.05 | 15779.92 | 14882.39 | 697630 | | | |
| 20 | Uttarakhand | 130207 | 132889.88 | 43427.73 | 2429.91 | 1190.92 | 4811.76 | 7847.32 | 7814.83 | 90852 | | | |
| 21 | West Bengal | 108702 | 117399.84 | 18949.23 | 548.22 | 651.22 | 1850.67 | 1405.35 | 1324.38 | 62661 | | | |
| Total | | 63411135 | 82763233.32 | 10907272.96 | 364132.29 | 341482.54 | 349712.52 | 1055327.15 | 821352.22 | 738537.42 | 43559996 | | |

Source: Department of Agriculture, Cooperation & Farmers Welfare(Credit Division)

Note: Rabi 2014-15 statistics is provisional and claims from few states are yet to be reported

Table 14.12(b): Season-wise Weather Based Crop Insurance Scheme (WBCIS)-Cumulative (upto Rabi 2014-15)

| Sl. No. | Season (1) | Farmers Insured (2) | Area Insured (Ha) (3) | Sum Insured (4) | Farmers' Premium (5) | GOI Premium (share) (6) | State Govt Premium (share) (7) | Gross Premium (8) | Claims Payable (9) | Claims Paid (10) | Farmers benefited (No.) (11) | (12) |
|------------|----------------------|---------------------------|-----------------------------|-----------------------|----------------------------|-------------------------------|---|-------------------------|--------------------------|------------------------|---------------------------------------|----------------|
| 1 | Kharif 2007 | 43790 | 50074.12 | 5301.00 | 141.75 | 280.66 | 280.66 | 703.08 | 524.12 | 524.12 | 35275 | |
| 2 | Rabi 2007-08 | 634635 | 1018253.59 | 173890.24 | 4377.24 | 4877.42 | 4877.42 | 14132.08 | 10039.94 | 10039.94 | 190610 | |
| | Total 2007-08 | 678425 | 1068327.71 | 179191.24 | 4518.99 | 5158.08 | 5158.08 | 14835.15 | 10564.05 | 10564.05 | 225885 | |
| 3 | Kharif 2008 | 183481 | 221202.06 | 35110.24 | 961.11 | 1315.04 | 1340.36 | 3616.29 | 1605.24 | 1605.24 | 108975 | |
| 4 | Rabi 2008-09 | 191647 | 260907.89 | 53632.68 | 1122.52 | 1715.16 | 1715.16 | 4552.84 | 3342.32 | 3342.32 | 120804 | |
| | Total 2008-09 | 375128 | 482109.95 | 88742.93 | 2083.63 | 3030.20 | 3030.20 | 3055.52 | 8169.13 | 4947.56 | 4947.56 | 229779 |
| 5 | Kharif 2009 | 1161055 | 1530782.47 | 211570.42 | 6058.23 | 7315.23 | 7837.44 | 21210.90 | 15789.29 | 15789.29 | 902866 | |
| 6 | Rabi 2009-10 | 1201525 | 1891091.45 | 285798.85 | 5651.63 | 8950.52 | 8950.52 | 23552.67 | 18719.47 | 18652.57 | 600336 | |
| | Total 2009-10 | 2362580 | 3421873.92 | 497369.27 | 11709.86 | 16265.75 | 16265.75 | 16787.96 | 44763.57 | 34508.76 | 34441.86 | 1503202 |
| 7 | Kharif 2010 | 4916784 | 7393241.52 | 567689.57 | 16823.54 | 19698.36 | 23028.55 | 59550.45 | 19193.90 | 19185.75 | 1790436 | |
| 8 | Rabi 2010-11 | 4383504 | 5745537.01 | 863379.31 | 17619.68 | 25883.20 | 25883.20 | 69386.07 | 44264.34 | 44237.81 | 2526629 | |
| | Total 2010-11 | 9300288 | 13138778.53 | 1431068.88 | 34443.22 | 45581.56 | 48911.74 | 128936.53 | 63458.23 | 63423.56 | 4317065 | |
| 9 | Kharif 2011 | 6905831 | 9778965.59 | 1035161.57 | 33167.45 | 34902.78 | 34902.78 | 102973.00 | 42555.50 | 42184.18 | 3597375 | |
| 10 | Rabi 2011-12 | 4766033 | 5844670.10 | 985846.15 | 20841.98 | 29675.05 | 30954.89 | 81471.94 | 75113.67 | 66635.56 | 2732017 | |
| | Total 2011-12 | 11671864 | 15632635.69 | 2021007.71 | 54009.43 | 64577.83 | 65857.66 | 184444.94 | 117709.17 | 108819.74 | 6329392 | |

(Contd.)

Table 14.12b (Contd.)

| Sl. No. | Season | Farmers Insured | Area Insured (Ha) | Sun Insured | Farmers' Premium | GOI Premium (share) | State Govt Premium (share) | Gross Premium | Claims Payable | Claims Paid | Farmers benefitted (No.) |
|---------|-------------------------|-----------------|--------------------|-------------------|------------------|---------------------|----------------------------|-------------------|------------------|------------------|--------------------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| 11 | Kharif 2012 | 8008123 | 11124733.65 | 1287053.19 | 40798.47 | 44337.81 | 129474.13 | 87611.88 | 85953.12 | 6750827 | |
| 12 | Rabi 2012-13 | 5606265 | 7001317.08 | 107330.79 | 2554.45 | 33697.39 | 92949.22 | 106081.71 | 70522.02 | 4062209 | |
| | Total 2012-13 | 13614388 | 18126050.73 | 2360373.99 | 66352.92 | 78035.20 | 222423.35 | 193693.59 | 156475.14 | 10813026 | |
| 13 | Kharif 2013 | 8854162 | 11172435.74 | 1462352.90 | 45912.59 | 50558.76 | 147030.11 | 119578.68 | 114125.68 | 6854287 | |
| 14 | Rabi 2013-14 | 5302443 | 5335370.45 | 1089833.40 | 51247.51 | 19089.66 | 22000.68 | 92337.83 | 81685.26 | 70505.87 | 3785391 |
| | Total 2013-14 | 14156605 | 16507806.19 | 2552186.30 | 97160.10 | 69648.43 | 72559.44 | 239367.93 | 201263.94 | 184631.55 | 10639678 |
| 15 | Kharif 2014 | 8173252 | 9634995.54 | 1325034.32 | 69544.53 | 43454.53 | 43550.25 | 156549.28 | 124150.54 | 111588.15 | 6704976 |
| 16 | Rabi 2014-15(P) | 3078605 | 4750655.06 | 452298.32 | 24309.62 | 15730.97 | 15796.66 | 55837.26 | 71056.38 | 63645.81 | 2796983 |
| | Total 2014-15(P) | 11251857 | 14385650.60 | 1777332.64 | 93854.15 | 59185.49 | 59346.91 | 212386.54 | 195206.92 | 175233.97 | 9501959 |
| | Grand Total | 63411135 | 82763233.32 | 1090722.96 | 364132.29 | 341482.54 | 349712.52 | 1055327.15 | 821352.22 | 738537.42 | 43559996 |

Source: Department of Agriculture, Cooperation & Farmers Welfare (Credit Division)

Note: Rabi 2014-15 statistics is provisional and claims from few states are yet to be reported

Table 14.13 (a): State-wise Modified National Agricultural Insurance Scheme (MNAIS)-Cumulative (upto Rabi 2014-15)

| Sl. No. | States / Uts. Insured (no.) | Farmers Insured (ha.) | Area Insured (ha.) | Sum Insured | Farmer Premium | GOI Share in Premium | State Govt.'s Premium | Premium Collected | Claims Payable | Claims Paid | Farmers Benefitted (no.) |
|--------------|--------------------------------|--------------------------|-----------------------|-------------------|-------------------|-------------------------|--------------------------|----------------------|-------------------|------------------|-----------------------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| 1 | Andhra Pradesh | 1444400 | 154294.82 | 657369.90 | 26228.22 | 15267.43 | 56763.08 | 78598.56 | 78476.68 | 581915 | |
| 2 | Andaman & Nicobar | 783 | 1230.47 | 460.32 | 0.00 | 3.04 | 13.24 | 16.28 | 5.86 | 5.86 | 184 |
| 3 | Assam | 19929 | 15684.68 | 6504.28 | 154.25 | 47.79 | 47.79 | 248.45 | 115.35 | 69.88 | 221 |
| 4 | Bihar | 1382947 | 1570615.22 | 262831.59 | 15447.72 | 18889.74 | 18889.74 | 53226.20 | 21320.46 | 17203.39 | 269128 |
| 5 | Chhattisgarh | 18 | 31.76 | 4.76 | 0.13 | 0.04 | 0.04 | 0.22 | 0.00 | 0.00 | 0 |
| 6 | Goa | 160 | 180.31 | 26.17 | 0.52 | 0.06 | 0.07 | 0.65 | 0.00 | 0.00 | 0 |
| 7 | Gujarat | 432 | 590.66 | 261.22 | 10.99 | 8.62 | 8.62 | 28.23 | 0.00 | 0.00 | 0 |
| 8 | Haryana | 262687 | 446689.08 | 184765.93 | 3816.99 | 1187.71 | 1187.71 | 6194.42 | 5040.63 | 4982.41 | 46374 |
| 9 | Jharkhand | 117470 | 118015.76 | 266655.59 | 1175.08 | 717.67 | 717.67 | 2611.43 | 292.69 | 18.83 | 6687 |
| 10 | Karnataka | 1564498 | 2382636.74 | 393085.04 | 17239.80 | 11783.93 | 11782.93 | 40806.66 | 24924.84 | 24380.02 | 443615 |
| 11 | Kerala | 19903 | 26211.17 | 9521.69 | 207.24 | 130.47 | 156.34 | 494.06 | 424.78 | 424.78 | 1367 |
| 12 | Madhya Pradesh | 218380 | 359047.88 | 51095.78 | 1229.39 | 380.06 | 380.06 | 1991.52 | 345.41 | 345.41 | 6398 |
| 13 | Maharashtra | 51964 | 46621.11 | 7621.06 | 382.17 | 456.50 | 523.32 | 1361.99 | 0.00 | 0.00 | 0 |
| 14 | Mizoram | 512 | 488.00 | 99.33 | 3.44 | 1.52 | 1.52 | 6.48 | 9.44 | 9.44 | 512 |
| 15 | Odisha | 425024 | 280279.69 | 103216.98 | 2185.90 | 647.33 | 678.81 | 3510.04 | 21358.92 | 21282.42 | 196774 |
| 16 | Rajasthan | 7780846 | 85227173.06 | 658929.72 | 30590.91 | 22505.92 | 22505.92 | 75603.56 | 57035.85 | 53406.53 | 1909272 |
| 17 | Tamil Nadu | 476381 | 522736.77 | 134916.99 | 5707.74 | 4165.08 | 4165.08 | 14037.91 | 25013.07 | 24649.42 | 231346 |
| 18 | Telangana | 700585 | 992581.84 | 400714.85 | 9049.14 | 2285.68 | 2285.68 | 13620.50 | 0.00 | 0.00 | 0 |
| 19 | Uttar Pradesh | 2511528 | 2945670.58 | 774707.35 | 22878.41 | 10652.90 | 10639.26 | 44183.80 | 83220.02 | 82579.09 | 1102097 |
| 20 | Uttarakhand | 115273 | 93936.67 | 31709.80 | 632.21 | 135.01 | 133.26 | 902.37 | 1283.51 | 1072.60 | 25866 |
| 21 | West Bengal | 1943422 | 961459.29 | 501798.15 | 15639.97 | 12886.85 | 18047.68 | 46574.49 | 23763.45 | 21955.36 | 317960 |
| Total | | 19037142 | 20844175.57 | 4206306.50 | 152580.21 | 102153.38 | 107432.19 | 362182.34 | 342752.84 | 330862.10 | 5141706 |

Source: Department of Agriculture, Cooperation & Farmers Welfare(Credit Division)
Note: Rabi 2014-15 statistics is provisional and claims from few states are yet to be reported

Table 14.13 (b): Season-wise Modified National Agricultural Insurance Scheme (MNAIS)-Cumulative (upto Rabi 2014-15)

| (₹ in lakh) | | | | | | | | | | | |
|-------------|-------------------------|-----------------|--------------------|-------------------|------------------|---------------------|----------------------------|------------------|------------------|------------------|--------------------------|
| Sl. No. | Season | Farmers Insured | Area Insured (Ha) | Sum Insured | Farmers' Premium | GOI Premium (share) | State Govt Premium (share) | Gross Premium | Claims Payable | Claims Paid | Farmers benefitted (No.) |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| 1 | Rabi 2010-11 | 358421 | 323734.24 | 69364.04 | 2375.51 | 1176.37 | 1180.20 | 4732.08 | 1614.88 | 1614.88 | 46879 |
| | Total 2010-11 | 358421 | 323734.24 | 69364.04 | 2375.51 | 1176.37 | 1180.20 | 4732.08 | 1614.88 | 1614.88 | 46879 |
| 2 | Kharif 2011 | 458157 | 665653.80 | 134587.47 | 5012.29 | 3551.95 | 3613.66 | 12178.89 | 9609.97 | 9609.97 | 100201 |
| | Total 2011-12 | 754999 | 707381.12 | 201008.37 | 6781.63 | 4504.76 | 5233.88 | 16521.27 | 8428.11 | 8325.56 | 122820 |
| | Total 2011-12 | 1213156 | 1373034.92 | 335595.84 | 11793.92 | 8056.70 | 8847.53 | 28700.15 | 18038.08 | 17935.53 | 223021 |
| 4 | Kharif 2012 | 2062445 | 2239316.33 | 489695.03 | 22033.62 | 17201.51 | 17200.51 | 56432.04 | 62344.62 | 62153.52 | 605637 |
| 5 | Rabi 2012-13 | 949009 | 741753.02 | 207714.72 | 7500.89 | 5217.46 | 6211.87 | 18929.86 | 5361.55 | 5320.26 | 113335 |
| | Total 2012-13 | 3011454 | 2981069.34 | 697409.75 | 29334.51 | 22418.97 | 23412.39 | 75361.90 | 67706.18 | 67473.78 | 718972 |
| 6 | Kharif 2013 | 2361334 | 2274451.46 | 582563.26 | 25504.09 | 19242.10 | 19273.58 | 64022.77 | 85468.73 | 81191.24 | 962600 |
| 7 | Rabi 2013-14 | 2997404 | 3253404.75 | 640660.85 | 20824.57 | 10772.76 | 11831.67 | 43444.51 | 52757.48 | 51970.80 | 803094 |
| | Total 2013-14 | 5358738 | 5527856.21 | 1223244.11 | 46328.66 | 30014.86 | 31105.25 | 107467.28 | 138226.21 | 133162.04 | 1765694 |
| 8 | Kharif 2014 | 5895294 | 7085433.17 | 96958.09 | 35196.66 | 28955.20 | 31364.64 | 95526.51 | 57063.57 | 54840.50 | 1472654 |
| 9 | Rabi 2014-15(P) | 3200079 | 3553047.69 | 911054.67 | 27350.95 | 11521.28 | 11522.19 | 50394.43 | 60103.92 | 55835.38 | 914486 |
| | Total 2014-15(P) | 9095373 | 10638480.86 | 1880712.76 | 62547.61 | 40486.48 | 42886.83 | 145920.94 | 117167.49 | 110675.88 | 2387140 |
| | Grand Total | 19037142 | 2084417.57 | 4206306.50 | 152580.21 | 102153.38 | 107432.19 | 362182.34 | 342752.84 | 330862.10 | 51417/06 |

Source: Department of Agriculture, Cooperation & Farmers Welfare (Credit Division)

Note: Rabi 2014-15 statistics is provisional and claims from few states are yet to be reported

Table 14.14: Coconut Palm Insurance Scheme (CPS)-cumulative (from 2009-10 to 2014-15)

| State | No. of farmers | No. of Palms | Sum Insured | Premium | | | Claims Paid | Farmers benefitted | |
|----------------|----------------|----------------|-----------------|--------------|--------------|---------------|---------------|--------------------|-------------|
| | | | | Farmer | State | CDB | | | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
| Andhra Pradesh | 517 | 53295 | 558.47 | 0.76 | 0.73 | 1.49 | 2.97 | 0.00 | 0 |
| Goa | 240 | 50643 | 692.50 | 0.91 | 0.91 | 1.83 | 3.66 | 1.63 | 14 |
| Karnataka | 704 | 96422 | 1067.64 | 1.83 | 1.52 | 3.05 | 6.09 | 3.22 | 72 |
| Kerala | 52063 | 2081126 | 22469.28 | 29.61 | 29.61 | 59.20 | 118.42 | 263.16 | 5936 |
| Maharashtra | 14039 | 1016179 | 12833.87 | 21.84 | 22.54 | 45.08 | 87.38 | 26.58 | 423 |
| Odisha | 666 | 20683 | 338.30 | 0.64 | 0.65 | 1.30 | 2.58 | 0.11 | 2 |
| Tamil Nadu | 3691 | 741974 | 6278.09 | 10.70 | 10.70 | 21.41 | 42.81 | 42.40 | 366 |
| West Bengal | 692 | 28558 | 328.42 | 0.82 | 0.00 | 0.82 | 1.64 | 0.00 | 0 |
| Total | 72612 | 4099880 | 44566.57 | 67.13 | 66.66 | 134.17 | 265.54 | 337.10 | 6813 |

Source: Department of Agriculture, Cooperation & Farmers Welfare(Credit Division)

Table 14.15(a); State wise crop area insured under all Insurance Schemes

| States/UTs | 2012-13 | | | | 2013-14 | | | | 2014-15 | | | |
|----------------------|-----------------|--------------|-------------------|------------------|--------------|-------------------|------------------|--------------|-------------------|--------------|-------------------|--|
| | Gross Area sown | Area insured | % of Area Insured | Gross Area sown* | Area insured | % of Area Insured | Gross Area sown* | Area insured | % of Area Insured | Area insured | % of Area Insured | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | |
| Andhra Pradesh | 136.5 | 42.87 | 31.41 | 136.5 | 34.35 | 25.16 | 136.5 | 5.40 | 3.96 | | | |
| Andaman & Nicobar | 0.25 | 0.01 | 4.45 | 0.25 | 0.02 | 6.88 | 0.25 | 0.01 | 4.92 | | | |
| Arunachal Pradesh | 2.85 | 0.00 | 0.00 | 2.85 | 0.00 | 0.00 | 2.85 | 0.00 | 0.00 | | | |
| Assam | 41.97 | 0.43 | 1.03 | 41.97 | 0.39 | 0.92 | 41.97 | 0.30 | 0.72 | | | |
| Bihar | 77.78 | 34.06 | 43.79 | 77.78 | 39.81 | 51.18 | 77.78 | 37.35 | 48.02 | | | |
| Chandigarh | 0.02 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | | | |
| Chhattisgarh | 56.91 | 24.33 | 42.75 | 56.91 | 13.65 | 23.98 | 56.91 | 18.85 | 33.12 | | | |
| Dadar & Nagar Haveli | 0.24 | 0.00 | 0.00 | 0.24 | 0.00 | 0.00 | 0.24 | 0.00 | 0.00 | | | |
| Daman & Diu | 0.03 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 | | | |
| Delhi | 0.49 | 0.00 | 0.00 | 0.49 | 0.00 | 0.00 | 0.49 | 0.00 | 0.00 | | | |
| Goa | 1.63 | 0.00 | 0.19 | 1.63 | 0.00 | 0.29 | 1.63 | 0.00 | 0.11 | | | |
| Gujarat | 126 | 25.44 | 20.19 | 126 | 21.98 | 17.45 | 126 | 13.89 | 11.02 | | | |
| Haryana | 63.76 | 3.38 | 5.30 | 63.76 | 4.84 | 7.60 | 63.76 | 0.00 | 0.00 | | | |
| Himachal Pradesh | 9.47 | 4.11 | 43.36 | 9.47 | 0.25 | 2.65 | 9.47 | 0.53 | 5.62 | | | |
| Jammu & Kashmir | 11.62 | 0.16 | 1.36 | 11.62 | 0.06 | 0.50 | 11.62 | 0.00 | 0.03 | | | |
| Jharkhand | 16.57 | 4.78 | 28.83 | 16.57 | 4.42 | 26.68 | 16.57 | 2.44 | 14.75 | | | |
| Karnataka | 117.48 | 12.91 | 10.99 | 117.48 | 9.15 | 7.79 | 117.48 | 14.39 | 12.25 | | | |
| Kerala | 25.92 | 0.51 | 1.98 | 25.92 | 0.48 | 1.85 | 25.92 | 0.44 | 1.70 | | | |
| Lakshdweep | 0.03 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 | | | |

(Contd.)

Table 14.15a (*Contd.*)

| States/UT's | 2012-13 | | | 2013-14 | | | 2014-15 | | |
|------------------------|-----------------|---------------|-------------------|------------------|---------------|-------------------|------------------|---------------|-------------------|
| | Gross Area sown | Area insured | % of Area Insured | Gross Area sown* | Area insured | % of Area Insured | Gross Area sown* | Area insured | % of Area Insured |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
| Madhya Pradesh | 231.3 | 90.81 | 39.26 | 231.3 | 103.23 | 44.63 | 231.3 | 106.20 | 45.91 |
| Maharashtra | 218.74 | 20.15 | 9.21 | 218.74 | 16.05 | 7.34 | 218.74 | 48.69 | 22.26 |
| Manipur | 3.09 | 0.10 | 3.08 | 3.09 | 0.10 | 3.17 | 3.09 | 0.06 | 2.10 |
| Meghalaya | 3.4 | 0.02 | 0.68 | 3.4 | 0.03 | 0.86 | 3.4 | 0.01 | 0.41 |
| Mizoram | 1.16 | 0.00 | 0.05 | 1.16 | 0.00 | 0.00 | 1.16 | 0.00 | 0.00 |
| Nagaland | 4.89 | 0.00 | 0.00 | 4.89 | 0.00 | 0.00 | 4.89 | 0.00 | 0.00 |
| Odisha | 50.69 | 14.09 | 27.80 | 50.69 | 14.19 | 28.00 | 50.69 | 16.90 | 33.35 |
| Puducherry | 0.26 | 0.04 | 16.52 | 0.26 | 0.02 | 9.17 | 0.26 | 0.02 | 6.67 |
| Punjab | 78.7 | 0.00 | 0.00 | 78.7 | 0.00 | 0.00 | 78.7 | 0.00 | 0.00 |
| Rajasthan | 239.54 | 120.93 | 50.49 | 239.54 | 126.13 | 52.65 | 239.54 | 119.05 | 49.70 |
| Sikkim | 1.44 | 0.00 | 0.01 | 1.44 | 0.00 | 0.00 | 1.44 | 0.00 | 0.01 |
| Tamil Nadu | 51.4 | 14.30 | 27.83 | 51.4 | 9.40 | 18.28 | 51.4 | 8.40 | 16.33 |
| Telangana | - | - | - | - | - | - | - | 13.58 | - |
| Tripura | 3.68 | 0.01 | 0.28 | 3.68 | 0.00 | 0.00 | 3.68 | 0.00 | 0.11 |
| Uttar Pradesh | 258.21 | 23.16 | 8.97 | 258.21 | 21.99 | 8.52 | 258.21 | 20.53 | 7.95 |
| Uttarakhand | 11.24 | 1.35 | 12.01 | 11.24 | 0.48 | 4.25 | 11.24 | 0.51 | 4.56 |
| West Bengal | 96.78 | 6.07 | 6.27 | 96.78 | 6.23 | 6.44 | 96.78 | 9.97 | 10.30 |
| All India Total | 1943.99 | 444.03 | 22.84 | 1943.99 | 427.23 | 21.98 | 1943.99 | 437.56 | 22.51 |

Source: Department of Agriculture, Cooperation & Farmers Welfare (Credit Division)

*data for Gross area sown is available till 2012-13 only

Table 14.15(b); Crop-wise area insured under all Insurance Schemes

| Sl. No. | Crops | 2012-13 | | | 2013-14 | | | 2014-15 | | |
|---------------------------|---------------|-----------------|---------------|-------------------|------------------|---------------|-------------------|------------------|---------------|-------------------|
| | | Gross Area Sown | Area Insured | % of Area Insured | Gross Area Sown* | Area Insured | % of Area Insured | Gross Area Sown* | Area Insured | % of Area Insured |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| 1 | Paddy | 427.57 | 105.04 | 24.57 | 427.57 | 93.93 | 21.97 | 427.57 | 100.47 | 23.50 |
| 2 | Wheat | 304.95 | 64.59 | 21.18 | 304.95 | 79.69 | 26.13 | 304.95 | 77.64 | 25.46 |
| 3 | Coarse Grains | 251.45 | 51.22 | 20.37 | 251.45 | 44.41 | 17.66 | 251.45 | 59.53 | 23.67 |
| 4 | Sugarcane | 54.43 | 3.18 | 5.85 | 54.43 | 3.05 | 5.60 | 54.43 | 1.45 | 2.67 |
| 5 | Cotton | 118.81 | 13.45 | 11.32 | 118.81 | 12.71 | 10.70 | 118.81 | 15.35 | 12.92 |
| 6 | Jute & Mesta | 8.55 | 0.05 | 0.63 | 8.55 | 0.04 | 0.46 | 8.55 | 0.70 | 8.18 |
| 7 | Oilseeds | 290.97 | 98.35 | 33.80 | 290.97 | 112.11 | 38.53 | 290.97 | 104.62 | 35.96 |
| 8 | Pulses | 219.59 | 66.07 | 30.09 | 219.59 | 64.70 | 29.46 | 219.59 | 57.69 | 26.27 |
| 9 | Vegetables | 55.05 | 7.37 | 13.39 | 55.05 | 10.24 | 18.61 | 55.05 | 20.88 | 37.92 |
| 10 | Fruits | 37.66 | 5.57 | 14.79 | 37.66 | 1.25 | 3.31 | 37.66 | 15.09 | 40.08 |
| Area for all Crops | | 1943.99 | 444.03 | 22.84 | 1943.99 | 427.23 | 21.98 | 1943.99 | 437.56 | 22.51 |

Source: Department of Agriculture, Cooperation & Farmers Welfare (Credit Division)

*data for Gross area sown is available till 2012-13 only

Table 14.16(a); Year-wise sale of Tractors and Power Tillers

| Year (1) | Tractor (2) | (Thousand Number) | |
|--------------|----------------|---------------------|--|
| | | Power Tiller (3) | |
| 2004-05 | 248 | 17 | |
| 2005-06 | 296 | 22 | |
| 2006-07 | 353 | 25 | |
| 2007-08 | 347 | 26 | |
| 2008-09 | 343 | 35 | |
| 2009-10 | 394 | 39 | |
| 2010-11 | 545 | 55 | |
| 2011-12 | 535 | 60 | |
| 2012-13 | 591 | 47 | |
| 2013-14 | 697 | 56 | |
| 2014-15 | 551 | 46 | |
| Total | 4899 | 429 | |

Source: ICAR

Table 14.16(b); State wise sale of Tractors during 2014-15

| (1) | (2) (Number) |
|------------------|-----------------|
| Andhra Pradesh | 37028 |
| Assam | 3557 |
| Bihar | 36090 |
| Jharkhand | 8169 |
| Gujarat | 46411 |
| Haryana | 30626 |
| Himachal Pradesh | 1519 |
| Jammu & Kashmir | 2601 |
| Karnataka | 33758 |
| Kerala | 268 |
| Maharashtra | 49839 |
| Madhya Pradesh | 63744 |
| Chhattisgarh | 20011 |
| Odisha | 10878 |
| Punjab | 26074 |
| Rajasthan | 64565 |
| Tamil Nadu | 8072 |
| Uttar Pradesh | 92219 |
| Uttarakhand | 2205 |
| West Bengal | 12751 |
| Others | 1078 |
| Total | 551463 |

Source: ICAR

15

Agricultural Census (2010-11)

Table 15.1 Number and Area of Operational Holdings by Size Group

| Category of Holdings | Number (000) of Holdings | | | Area | | | Average Size of Holdings | | |
|---------------------------|--------------------------|---------|----------|----------|---------|----------|--------------------------|-------|----------|
| | 2000-01* | | 2005-06* | 2000-01* | | 2005-06* | 2000-01* | | 2005-06* |
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| Marginal | 75408 | 83694 | 92826 | 29814 | 32026 | 35908 | 0.40 | 0.38 | 0.39 |
| (Less than 1 hectare) | (62.9) | (64.8) | (67.1) | (18.7) | (20.2) | (22.5) | | | |
| Small | 22695 | 23930 | 24779 | 32139 | 33101 | 35244 | 1.42 | 1.38 | 1.42 |
| (1.0 to 2.0 hectares) | (18.9) | (18.5) | (17.9) | (20.2) | (20.9) | (22.1) | | | |
| Semi-Medium | 14021 | 14127 | 13896 | 38193 | 37898 | 37705 | 2.72 | 2.68 | 2.71 |
| (2.0 to 4.0 hectares) | (11.7) | (10.9) | (10.0) | (24.0) | (23.9) | (23.6) | | | |
| Medium | 6577 | 6375 | 5875 | 38217 | 36583 | 33828 | 5.81 | 5.74 | 5.76 |
| (4.0 to 10.0 hectares) | (5.5) | (4.9) | (4.2) | (24.0) | (23.1) | (21.2) | | | |
| Large | 1230 | 1096 | 973 | 21072 | 18715 | 16907 | 17.12 | 17.08 | 17.38 |
| (10.0 hectares and above) | (1.0) | (0.8) | (0.7) | (13.2) | (11.8) | (10.6) | | | |
| All Holdings | 119931 | 129222 | 138348 | 159436 | 158323 | 159592 | 1.33 | 1.23 | 1.15 |
| | (100.0) | (100.0) | (100.0) | (100.0) | (100.0) | (100.0) | | | |

Source: Department of Agriculture, Cooperation & Farmers Welfare (Agriculture Census 2010-11)

*Excluding Jharkhand

Table 15.2(a) Number of Operational Holdings by Size Group

| State/UT (1) | Marginal (2) | Small (3) | Semi-Medium (4) | Medium (5) | Large (6) | All Holdings (7) |
|----------------------|-----------------|--------------|--------------------|---------------|--------------|---------------------|
| A & N Islands | 4626 | 2415 | 3137 | 1592 | 33 | 11803 |
| Andhra Pradesh | 8424698 | 2918374 | 1399123 | 397252 | 35653 | 13175100 |
| Arunachal Pradesh | 21456 | 19333 | 34038 | 27941 | 6530 | 109298 |
| Assam | 1831115 | 496574 | 303528 | 84869 | 4137 | 2720223 |
| Bihar | 14744098 | 948016 | 414664 | 81484 | 3129 | 16191391 |
| Chandigarh | 453 | 133 | 78 | 47 | 3 | 714 |
| Chhattisgarh | 2182834 | 831118 | 502989 | 201841 | 27698 | 3746480 |
| Dadar & Nagar Haveli | 8177 | 3903 | 1807 | 733 | 104 | 14724 |
| Daman & Diu | 7716 | 458 | 137 | 36 | 8 | 8355 |
| Delhi | 11308 | 4517 | 2979 | 1543 | 150 | 20497 |
| Goa | 59900 | 9817 | 5707 | 2010 | 586 | 78020 |
| Gujarat | 1815634 | 1429021 | 1079533 | 512651 | 48771 | 4885610 |
| Haryana | 778142 | 314818 | 283828 | 194694 | 45829 | 1617311 |
| Himachal Pradesh | 670425 | 174596 | 84868 | 27606 | 3270 | 960765 |
| Jammu & Kashmir | 1206612 | 167130 | 63681 | 11449 | 525 | 149397 |
| Jharkhand | 1848324 | 428861 | 282818 | 128683 | 20242 | 2708928 |
| Karnataka | 3848834 | 2138208 | 1266829 | 510745 | 67573 | 7832189 |
| Kerala | 6579692 | 180171 | 57028 | 12044 | 1854 | 6830789 |
| Lakshadweep | 9854 | 267 | 130 | 26 | 8 | 10285 |

(Contd.)

Table 15.2a (*Contd.*)

| State/UT | Marginal | Small | Semi-Medium | Medium | Large | All Holdings |
|----------------|-----------------|-----------------|-----------------|----------------|---------------|------------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| Madhya Pradesh | 3891016 | 2448652 | 1654834 | 789143 | 88732 | 8872377 |
| Maharashtra | 6709034 | 405317 | 2159109 | 710591 | 67914 | 13698965 |
| Manipur | 76735 | 48850 | 22235 | 2760 | 40 | 150620 |
| Meghalaya | 102714 | 57755 | 40542 | 8312 | 238 | 209561 |
| Mizoram | 50210 | 29753 | 9922 | 1731 | 264 | 91880 |
| Nagaland | 6476 | 20338 | 48457 | 77968 | 25172 | 178411 |
| Odisha | 3368296 | 918647 | 311261 | 63688 | 5574 | 4667466 |
| Puducherry | 28481 | 2779 | 1449 | 448 | 71 | 33228 |
| Punjab | 164431 | 195439 | 324515 | 29851 | 69718 | 1052554 |
| Rajasthan | 2511512 | 1511068 | 1335144 | 1127122 | 403590 | 6888436 |
| Sikkim | 40476 | 16941 | 10809 | 5922 | 780 | 74928 |
| Tamil Nadu | 6266555 | 1181344 | 502308 | 150646 | 17371 | 8118224 |
| Tripura | 499054 | 55043 | 21544 | 2752 | 86 | 578479 |
| Uttar Pradesh | 18532272 | 3035331 | 1334266 | 398278 | 25309 | 23325456 |
| Uttarakhand | 672138 | 157330 | 64781 | 17302 | 1099 | 912650 |
| West Bengal | 5852681 | 979833 | 267474 | 22657 | 702 | 7123347 |
| Total | 92825979 | 24779150 | 13895552 | 5875017 | 972763 | 138348461 |

Source : Department of Agriculture, Cooperation & Farmers Welfare (Agricultural Census 2010-11).

Table 15.2 (b): Area of Operational Holdings by Size Group

| State/UT | Marginal | Small | Semi-Medium | Medium | Large Holdings | All Holdings |
|----------------------|----------|---------|-------------|---------|----------------|--------------|
| | (1) | (2) | (3) | (4) | (5) | (6) |
| A & N Islands | 2022 | 3464 | 8243 | 6911 | 1217 | 21856 |
| Andhra Pradesh | 3727131 | 4119946 | 3684946 | 2208770 | 552474 | 14293266 |
| Arunachal Pradesh | 11863 | 25914 | 93944 | 154858 | 97292 | 383872 |
| Assam | 774796 | 687156 | 817982 | 437372 | 281763 | 2999070 |
| Bihar | 3668728 | 1185695 | 1072969 | 414941 | 45228 | 6387561 |
| Chandigarh | 208 | 190 | 223 | 268 | 33 | 923 |
| Chhattisgarh | 952786 | 1179403 | 1347658 | 1152856 | 451344 | 5084047 |
| Dadar & Nagar Haveli | 4137 | 5344 | 5000 | 4208 | 1608 | 20297 |
| Daman & Diu | 1787 | 622 | 351 | 226 | 160 | 3145 |
| Delhi | 4800 | 5967 | 8014 | 8577 | 2270 | 29628 |
| Goa | 28103 | 17591 | 16770 | 12377 | 14152 | 88994 |
| Gujarat | 884823 | 2074884 | 2988660 | 2930432 | 1019668 | 9898466 |
| Haryana | 360474 | 462703 | 814473 | 1185436 | 822519 | 3645606 |
| Himachal Pradesh | 273270 | 243942 | 230469 | 15659 | 50510 | 954651 |
| Jammu & Kashmir | 416427 | 234531 | 170530 | 62145 | 11727 | 895361 |
| Jharkhand | 763906 | 590764 | 775052 | 724846 | 310715 | 3165283 |
| Karnataka | 1850946 | 3020002 | 3393036 | 2903887 | 993786 | 12161457 |
| Kerala | 885644 | 282305 | 159075 | 64063 | 119729 | 1510816 |

Table 15.2b (*Contd.*)

| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|
| Lakshadweep | 1712 | 364 | 324 | 159 | 192 | 2751 |
| Madhya Pradesh | 1915352 | 3466141 | 4510221 | 4544530 | 1399633 | 15855877 |
| Maharashtra | 3185931 | 5739050 | 5765450 | 3992777 | 1083852 | 19767061 |
| Manipur | 40200 | 62755 | 55250 | 13415 | 440 | 172060 |
| Meghalaya | 46196 | 76833 | 113174 | 47132 | 3923 | 287258 |
| Mizoram | 30168 | 37723 | 24041 | 8872 | 3985 | 104789 |
| Nagaland | 3327 | 23066 | 124863 | 480758 | 442214 | 1074228 |
| Odisha | 1921842 | 1497752 | 918947 | 381272 | 132201 | 4852014 |
| Puducherry | 9834 | 4068 | 4138 | 2561 | 1200 | 21801 |
| Punjab | 101006 | 269082 | 855112 | 1712859 | 1028575 | 3966634 |
| Rajasthan | 1237578 | 2161876 | 3774350 | 6918368 | 7044064 | 21136235 |
| Sikkim | 14811 | 20397 | 26932 | 32238 | 12304 | 106683 |
| Tamil Nadu | 2291702 | 1643697 | 1355509 | 847811 | 349652 | 64883370 |
| Tripura | 139700 | 75809 | 54265 | 13942 | 1229 | 284945 |
| Uttar Pradesh | 7170852 | 4243297 | 3628857 | 2198774 | 379806 | 17621586 |
| Uttarakhand | 295556 | 225124 | 175382 | 94221 | 25401 | 815684 |
| West Bengal | 2890646 | 1556602 | 730577 | 109787 | 221970 | 5509582 |
| Total | 35908264 | 35244061 | 37704789 | 33827908 | 16906832 | 159591855 |

Source: Department of Agriculture, Cooperation & Farmers Welfare (Agricultural Census 2010-11).

Note: Total may not tally due to rounding off

Table 15.3: Average Size of Holdings by Size Group

| State/UT | Marginal | Small | Semi-Medium | Medium | Large | (Hectares) All Holdings |
|----------------------|-------------|-------------|-------------|-------------|--------------|----------------------------|
| | (1) | (2) | (3) | (4) | (5) | (6) |
| A & N Islands | 0.44 | 1.43 | 2.63 | 4.34 | 36.88 | 1.85 |
| Andhra Pradesh | 0.44 | 1.41 | 2.63 | 5.56 | 15.50 | 1.08 |
| Arunachal Pradesh | 0.55 | 1.34 | 2.76 | 5.54 | 14.90 | 3.51 |
| Assam | 0.42 | 1.38 | 2.69 | 5.15 | 68.11 | 1.10 |
| Bihar | 0.25 | 1.25 | 2.59 | 5.09 | 14.45 | 0.39 |
| Chandigarh | 0.46 | 1.43 | 2.86 | 5.70 | 11.08 | 1.29 |
| Chhattisgarh | 0.44 | 1.42 | 2.68 | 5.71 | 16.30 | 1.36 |
| Dadar & Nagar Haveli | 0.51 | 1.37 | 2.77 | 5.74 | 15.46 | 1.38 |
| Daman & Diu | 0.23 | 1.36 | 2.56 | 6.27 | 19.97 | 0.38 |
| Delhi | 0.42 | 1.32 | 2.69 | 5.56 | 15.13 | 1.45 |
| Goa | 0.47 | 1.79 | 2.94 | 6.16 | 24.15 | 1.14 |
| Gujarat | 0.49 | 1.45 | 2.77 | 5.72 | 20.91 | 2.03 |
| Haryana | 0.46 | 1.47 | 2.87 | 6.09 | 17.95 | 2.25 |
| Himachal Pradesh | 0.41 | 1.40 | 2.72 | 5.67 | 15.45 | 0.99 |
| Jammu & Kashmir | 0.35 | 1.40 | 2.68 | 5.43 | 22.34 | 0.62 |
| Jharkhand | 0.41 | 1.38 | 2.74 | 5.63 | 15.35 | 1.17 |
| Karnataka | 0.48 | 1.41 | 2.68 | 5.69 | 14.71 | 1.55 |
| Kerala | 0.13 | 1.57 | 2.79 | 5.32 | 64.58 | 0.22 |
| Lakshadweep | 0.17 | 1.36 | 2.50 | 6.11 | 24.00 | 0.27 |
| Madhya Pradesh | 0.49 | 1.42 | 2.73 | 5.76 | 15.77 | 1.78 |
| Maharashtra | 0.47 | 1.42 | 2.67 | 5.62 | 15.96 | 1.44 |
| Manipur | 0.52 | 1.28 | 2.48 | 4.86 | 11.00 | 1.14 |
| Meghalaya | 0.45 | 1.33 | 2.79 | 5.67 | 16.48 | 1.37 |
| Mizoram | 0.60 | 1.27 | 2.42 | 5.13 | 15.09 | 1.14 |
| Nagaland | 0.51 | 1.13 | 2.58 | 6.17 | 17.57 | 6.02 |
| Odisha | 0.57 | 1.63 | 2.95 | 5.99 | 23.72 | 1.04 |
| Puducherry | 0.35 | 1.46 | 2.86 | 5.72 | 16.90 | 0.66 |
| Punjab | 0.61 | 1.38 | 2.64 | 5.74 | 14.75 | 3.77 |
| Rajasthan | 0.49 | 1.43 | 2.83 | 6.14 | 17.45 | 3.07 |
| Sikkim | 0.37 | 1.20 | 2.49 | 5.44 | 15.77 | 1.42 |
| Tamil Nadu | 0.37 | 1.39 | 2.70 | 5.63 | 20.13 | 0.80 |
| Tripura | 0.28 | 1.38 | 2.52 | 5.07 | 14.29 | 0.49 |
| Uttar Pradesh | 0.39 | 1.40 | 2.72 | 5.52 | 15.01 | 0.76 |
| Uttarakhand | 0.44 | 1.43 | 2.71 | 5.45 | 23.11 | 0.89 |
| West Bengal | 0.49 | 1.59 | 2.73 | 4.85 | 316.20 | 0.77 |
| Total | 0.39 | 1.42 | 2.71 | 5.76 | 17.38 | 1.15 |

Source : Department of Agriculture, Cooperation & Farmers Welfare

(Agricultural Census 2010-11).

Table 15.4: Estimated Number of Operational Holdings by Size Classes and Irrigation Status

| Size-Class | Wholly Irrigated | | Partially Irrigated | | Wholly Unirrigated | | Total Holding | |
|-------------|------------------|--------------|---------------------|--------------|--------------------|--------------|---------------|---------------|
| | Number | Area | Number | Total Area | Irrigated Area | Number | Area | Number |
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
| Marginai | 39294 | 14824 | 9623 | 3599 | 2011 | 37065 | 13796 | 92826 |
| Small | 8644 | 11678 | 3486 | 4768 | 2585 | 11686 | 15529 | 24779 |
| Semi-medium | 4525 | 11621 | 2536 | 6397 | 3374 | 6366 | 15760 | 13896 |
| Medium | 1806 | 9692 | 1342 | 6922 | 3573 | 2545 | 12828 | 5875 |
| Large | 245 | 3742 | 218 | 3092 | 1467 | 484 | 7030 | 973 |
| All Classes | 54515 | 51557 | 17206 | 24778 | 13010 | 58144 | 64943 | 138348 |
| | | | | | | | | 159592 |

Source : Department of Agriculture, Cooperation & Farmers Welfare (Agricultural Census 2010-11).

Number : ('000)
Area : ('000 Hectares)

Table 15.5: Area Irrigated by different Source of Irrigation by Size Classes

| Size Class | Canals | Tanks | Wells | Tubewells | Others | (‘ 000 Hectares) |
|--------------|--------------|-------------|--------------|--------------|-------------|------------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| Marginal | 4783 | 912 | 2262 | 7818 | 1060 | 16835 |
| Small | 3562 | 558 | 2891 | 6232 | 1021 | 14263 |
| Semi-medium | 3686 | 433 | 3219 | 6629 | 1028 | 14995 |
| Medium | 3441 | 259 | 2728 | 6001 | 836 | 13266 |
| Large | 1436 | 86 | 817 | 2485 | 384 | 5209 |
| Total | 16908 | 2248 | 11917 | 29165 | 4329 | 64567 |

Source : Department of Agriculture, Cooperation & Farmers Welfare (Agricultural Census 2010-11).

Table 15.6: Irrigated and Un-irrigated Area by Size Classes under different Crops

| Crops | Irrigated | | | | | | Un-Irrigated | | | | ('000 Hectares) | |
|------------------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------|------------------|---------------|
| | Marginal | Small | Semi-Medium | Medium | Large | Total | Marginal | Small | Semi-medium | Medium | Large | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) |
| Paddy | 10163 | 6642 | 6331 | 4707 | 1723 | 29567 | 7243 | 5005 | 4272 | 2669 | 910 | 20099 |
| Wheat | 6325 | 5177 | 6263 | 6305 | 2577 | 26648 | 1292 | 969 | 930 | 775 | 286 | 4252 |
| Other Cereals | 1151 | 1139 | 1222 | 1006 | 378 | 4896 | 4366 | 5524 | 6102 | 5639 | 3418 | 25049 |
| Total Cereals | 17640 | 12958 | 13816 | 12018 | 4678 | 61111 | 12902 | 11497 | 11304 | 9083 | 4614 | 49400 |
| Total Pulses | 346 | 504 | 678 | 841 | 318 | 2687 | 3186 | 4443 | 4935 | 4718 | 2292 | 19573 |
| Sugarcane | 1176 | 1186 | 1162 | 761 | 180 | 4465 | 272 | 156 | 140 | 78 | 13 | 660 |
| Total Oilseeds | 1349 | 1499 | 1836 | 1998 | 936 | 7618 | 2399 | 4074 | 4875 | 4391 | 1505 | 17245 |
| Total Fibres | 487 | 630 | 776 | 1005 | 553 | 3450 | 1389 | 2498 | 2464 | 1759 | 433 | 8543 |
| All Crops | 22986 | 18544 | 20108 | 18409 | 7720 | 87768 | 22048 | 24493 | 25757 | 22473 | 11221 | 105992 |

Source : Department of Agriculture, Cooperation and Farmers Welfare (Agricultural Census 2010-11).

Note: All Crops include few more crops other than those listed above viz. Fruits, Vegetables, Spices Tea, Coffee, Rubber etc.

Paddy includes Paddy of all the seasons.

Totals may not tally due to rounding off

Table 15.7: Usage of Chemical Fertilizers, Farm Yard Manure and Pesticides by major size Groups

(Area: '000 Hectares)
(Fertilizers/ manure /Pesticides : Tonnes)

| Sr. No. | Size Groups (hectares) | Gross Cropped Area | Treated with Fertilizers | Quantity Applied | | | | Others | | |
|------------------------------|------------------------|--------------------|--------------------------|------------------|----------|-----------------|-------------------|--------|--------|---------|
| | | | | DAP | Urea | Super Phosphate | Ammonium Sulphate | N | P | K |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| 1. Marginal (Below 1.00) | 1 | 17956 | 16924 | 1476958 | 4117583 | 459915 | 41330 | 99809 | 147184 | 424648 |
| | UI | 17633 | 9281 | 583844 | 1374657 | 295973 | 40961 | 54875 | 80095 | 182199 |
| 2. Small (1.0-1.99) | T | 35590 | 26204 | 2062802 | 5492239 | 755888 | 82292 | 154684 | 22779 | 606848 |
| | 1 | 15413 | 14382 | 1133664 | 3273560 | 831512 | 39907 | 66611 | 141022 | 382498 |
| 3. Semi-Medium (2.0-3.99) | UI | 16419 | 10009 | 562490 | 1091217 | 180349 | 38900 | 41846 | 59795 | 121841 |
| | T | 31832 | 24390 | 1696154 | 4364777 | 1011860 | 78807 | 108457 | 200817 | 504339 |
| 4. Medium (4.0-9.99) | 1 | 16288 | 14876 | 1170430 | 3117258 | 363393 | 36163 | 56383 | 82444 | 263576 |
| | UI | 18594 | 11475 | 616486 | 1082413 | 199011 | 45839 | 36701 | 51557 | 103882 |
| 5. Large (10.0 and above) | T | 34882 | 26351 | 1790516 | 4199671 | 562403 | 82002 | 93084 | 134001 | 367457 |
| | 1 | 16253 | 14561 | 1138471 | 2907401 | 308073 | 19691 | 79455 | 48826 | 176500 |
| All Groups | UI | 17875 | 9834 | 478235 | 785239 | 191030 | 25442 | 22552 | 34486 | 62423 |
| | T | 34128 | 24395 | 1616706 | 3692640 | 499103 | 102007 | 83312 | 238924 | |
| | I | 72581 | 66604 | 5343115 | 14493201 | 2058476 | 142421 | 308161 | 427618 | 1280649 |
| | UI | 79376 | 43753 | 2375980 | 4537689 | 913640 | 156774 | 161615 | 235539 | 489295 |
| | T | 151958 | 110357 | 7719095 | 19030890 | 2972116 | 299195 | 469776 | 663157 | 176944 |

(Contd.)

Table 15.7 (*Contd.*)

| Sr. No. | Size Groups (hectares) | Quantity Applied | | | | | | Area Treated with Pesticides | Quantity of FY M Applied |
|------------|---------------------------|------------------|----------|---------|---------|---------------------|-------|---------------------------------|-----------------------------|
| | | Total | N | P | K | Farm Yard Manure | (16) | | |
| (1) | (2) | (12) | (13) | (14) | (15) | | | (16) | (17) |
| 1. | Marginal (Below 1.00) | I | 2268264 | 900171 | 424648 | 4190 | 8882 | 26256729 | |
| | | UI | 801107 | 396939 | 182199 | 5866 | 4945 | 27757896 | |
| | | T | 3069371 | 1297110 | 606848 | 10057 | 13827 | 54014626 | |
| 2. | Small (1.0-1.99) | I | 1784729 | 795549 | 382498 | 3707 | 6940 | 20734690 | |
| | | UI | 653068 | 347396 | 121841 | 5965 | 5198 | 21658312 | |
| | | T | 2437797 | 1142945 | 504339 | 9672 | 12139 | 42393001 | |
| 3. | Semi-Medium (2.0-3.99) | I | 1709097 | 680640 | 263576 | 3870 | 8404 | 19909597 | |
| | | UI | 655021 | 366982 | 103882 | 6099 | 6036 | 18611734 | |
| | | T | 2364118 | 1047623 | 367457 | 9968 | 14440 | 38521331 | |
| 4. | Medium (4.0-9.99) | I | 1625841 | 621814 | 176500 | 3156 | 9293 | 13308255 | |
| | | UI | 475085 | 285039 | 62423 | 4805 | 5400 | 11823788 | |
| | | T | 2100926 | 906853 | 238924 | 7961 | 14693 | 25132043 | |
| 5. | Large (10.0 and above) | I | 578203 | 216632 | 33427 | 1003 | 4367 | 3377489 | |
| | | UI | 124642 | 78316 | 18950 | 1976 | 1982 | 3074357 | |
| | | T | 702845 | 294948 | 52377 | 2979 | 6349 | 6451846 | |
| All Groups | | I | 7966133 | 3214807 | 1280649 | 15926 | 37887 | 83586760 | |
| | | UI | 2708923 | 1474672 | 489295 | 24711 | 23561 | 82926087 | |
| | | T | 10675056 | 4689480 | 1769944 | 40637 | 61447 | 166512847 | |

Source: Department of Agriculture, Cooperation & Farmers Welfare (input Survey 2006-07).

Note : I (Irrigated) UI (Unirrigated) & T (Total). Survey was not conducted in Bihar, Jharkhand and Maharashtra.

Table 15.8: Estimated of Institutional Credit taken for Agricultural Purposes by Size Groups

| Size Group (HA) | Total No. of Operational Holdings | Estimated No. of Operational Holdings that took Institutional Credit | No. of Operational Holdings that took Institutional Credit from | | | |
|---------------------------|-----------------------------------|--|---|------------|-------------|-------------|
| | | | PACS | PLDB/ SLDB | CBB | RRB |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| Marginal (Below 1.00) | 64316 | 12632 | 6449 | 443 | 3132 | 2791 |
| Small (1.0-1.99) | 18776 | 6168 | 2687 | 224 | 1787 | 1646 |
| Semi-Medium (2.0-3.99) | 11218 | 3876 | 1862 | 167 | 906 | 1122 |
| Medium (4.0-9.99) | 5336 | 2104 | 1043 | 109 | 497 | 608 |
| Large (10 & Above) | 1003 | 402 | 214 | 27 | 80 | 129 |
| All Groups | 100650 | 25182 | 12255 | 970 | 6402 | 6297 |

(Contd.)

Table 15.8 (*Contd.*)

(Amount in ₹ lakh)

| Size Group (HA) | Amount of Institutional Credit taken | | | | | | | | | |
|---------------------------|--------------------------------------|---------------|---------------|----------------|---------------|---------------|----------------|---------------|---------------|-----|
| | PACS | | | PLDB/ SLDB | | | CBB | | | RRB |
| | Short Term | Medium Term | Long Term | Short Term | Medium Term | Long Term | Short Term | Medium Term | Long Term | |
| (1) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) | |
| Marginal (Below 1.00) | 990675 | 126371 | 62617 | 375020 | 273324 | 110352 | 594178 | 131183 | 96026 | |
| Small (1.0-1.99) | 532866 | 105803 | 41619 | 277172 | 155177 | 77589 | 471911 | 127822 | 127442 | |
| Semi-Medium (2.0-3.99) | 539967 | 94716 | 51942 | 198048 | 105806 | 67787 | 385153 | 134928 | 205190 | |
| Medium (4.0-9.99) | 444802 | 69937 | 89010 | 125142 | 101973 | 86542 | 251437 | 135074 | 256478 | |
| Large (10 & Above) | 121910 | 18489 | 26254 | 26583 | 25940 | 29351 | 65489 | 47646 | 96791 | |
| All Groups | 2630220 | 415316 | 271442 | 1001965 | 662221 | 371621 | 1768167 | 576653 | 781927 | |

*Source : Department of Agriculture, Cooperation & Farmers Welfare (Input Survey 2006-07)*PACS: Primary Agricultural Credit Society, PLDB: Primary Land Development Bank of SLDB, CBB: Commercial Bank Branch, RRB: Regional Rural Bank
Survey was not conducted in Bihar, Jharkhand and Maharashtra

Table 15.9: Total of Institutional Credit taken for Agricultural Purposes by Size Groups

| S. No | Size Group (HA.) | Amount of Institutional Credit Taken | | | Short Term Loans | | | Given in Cash Value of the Quantity of Other Inputs | Total (Cols. 6+7+8) |
|-------------------|---------------------------|--------------------------------------|--------------------------|---------------------------|---|---------------|---------------|--|------------------------|
| | | Short Term Loan (SL) | Medium Term Loan (ML) | Long Term Loan (LL) | Value of the Quantity of Fertilizer Given | (7) | (8) | | |
| (1) | (2) | (3) | (4) | (5) | (6) | (9) | | | |
| 1 | Marginal (Below 1.00) | 1959873 | 530878 | 268995 | 305529 | 56406 | 1597938 | 1959873 | |
| 2 | Small (1.0-1.99) | 1281948 | 388802 | 246650 | 197098 | 40353 | 1044498 | 1281948 | |
| 3 | Semi-Medium (2.0-3.99) | 1123168 | 335450 | 324919 | 17968 | 42248 | 900952 | 1123168 | |
| 4 | Medium (4.0-9.99) | 821381 | 306984 | 432030 | 141487 | 39359 | 640336 | 821381 | |
| 5 | Large (10 & Above) | 213982 | 92076 | 152396 | 39599 | 11029 | 163354 | 213982 | |
| All Groups | | 5400352 | 1654190 | 1424989 | 863681 | 189394 | 434277 | | 5400352 |

Source : Department of Agriculture, Cooperation & Farmers Welfare (Input Survey 2006-07)

Note: Total May not Tally Due to Rounding Off.

Survey Input 2006-07 was not conducted in Bihar, Jharkhand and Maharashtra

16

Situation of Agricultural Households in India

Table 16.1: Estimated Number of Rural Households, Agricultural Households and Indebted Agricultural Households during the agricultural year July 2012-June 2013

| State | Estimated Number of Rural Households ('00) | Estimated Number of Agricultural Households('00) | % of Agricultural Households to Rural Households | Estimated Number of Agricultural Households having loan ('00) | % of Agricultural Households indebted per Agricultural Household | Average monthly income (Rs) per Agricultural Household |
|-------------------|--|--|--|--|---|---|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| Andhra Pradesh* | 86763 | 35968 | 41.5 | 33421 | 92.9 | 5979 |
| Arunachal Pradesh | 1659 | 1080 | 65.1 | 206 | 19.1 | 10869 |
| Assam | 52494 | 34230 | 65.2 | 5995 | 17.5 | 6695 |
| Bihar | 140611 | 70943 | 50.5 | 30156 | 42.5 | 3558 |
| Chhattisgarh | 37472 | 25608 | 68.3 | 9538 | 37.2 | 5177 |
| Gujarat | 58719 | 39305 | 66.9 | 16743 | 42.6 | 7926 |
| Haryana | 25849 | 15693 | 60.7 | 6645 | 42.3 | 14434 |
| Himachal Pradesh | 13251 | 8811 | 66.5 | 2457 | 27.9 | 8777 |
| Jammu & Kashmir | 13746 | 11283 | 82.1 | 3463 | 30.7 | 12683 |
| Jharkhand | 37516 | 22336 | 59.5 | 6464 | 28.9 | 4721 |
| Karnataka | 77430 | 42421 | 54.8 | 32775 | 77.3 | 8832 |
| Kerala | 51377 | 14043 | 27.3 | 10908 | 77.7 | 11888 |
| Madhya Pradesh | 84666 | 59950 | 70.8 | 27414 | 45.7 | 6210 |
| Maharashtra | 125182 | 70970 | 56.7 | 40672 | 57.3 | 7386 |
| Manipur | 2584 | 1762 | 68.2 | 421 | 23.9 | 8842 |
| Meghalaya | 4721 | 3544 | 75.1 | 84 | 2.4 | 11792 |
| Minoram | 936 | 758 | 81.0 | 47 | 6.2 | 9099 |
| Nagaland | 4128 | 2621 | 63.5 | 65 | 2.5 | 10048 |

(Contd.)

Table 16.1 (*Contd.*)

| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|---------------|----------------|---------------|-------------|---------------|-------------|-------------|
| Odisha | 78120 | 44935 | 57.5 | 25830 | 57.5 | 4976 |
| Punjab | 27552 | 14083 | 51.1 | 7499 | 53.2 | 18059 |
| Rajasthan | 82722 | 64835 | 78.4 | 40055 | 61.8 | 7350 |
| Sikkim | 1150 | 674 | 58.6 | 97 | 14.4 | 6798 |
| Tamil Nadu | 93607 | 32443 | 34.7 | 26780 | 82.5 | 6980 |
| Telangana* | 49309 | 25389 | 51.5 | 22628 | 89.1 | 6311 |
| Tripura | 6635 | 2445 | 36.9 | 559 | 22.9 | 5429 |
| Uttar Pradesh | 241328 | 180486 | 74.8 | 79081 | 43.8 | 4701 |
| Uttarakhand | 16498 | 10608 | 64.3 | 5387 | 50.8 | 4923 |
| West Bengal | 141359 | 63624 | 45.0 | 32787 | 51.5 | 3980 |
| UTs | 2394 | 718 | 30.0 | 267 | 37.2 | 8568 |
| All India | 1561442 | 902011 | 57.8 | 468481 | 51.9 | 6426 |

Source: National Sample Survey Office (NSSO)

* Separate estimates for the newly formed States of Telangana and Andhra Pradesh are provided in place of erstwhile State of Andhra Pradesh

Note: 1 Reference period for Indebtedness is "as on the date of survey"

2 Indebtedness relates to all kind of outstanding loans irrespective of the purpose for which taken

3 Households with at least one member self-employed in agriculture, either in the principal status or in subsidiary status and having total value of agricultural produce more than Rs. 3000/- during the last 365 days were considered for being selected for this survey.

4 The income includes income from salary/wages, net receipt from cultivation, net receipt from farming of animals and net receipt from non-farm business

Table 16.2: Indebtedness of Agricultural Households (all-India) in Different Size Classes of Land Possessed

| Land Possessed (hectare) | Estimated Number of Agricultural Households (lakh) | % to Total in each Class | Estimated No. of Indebted Agricultural Households (lakh) | % to Total in each Class | % of Indebted Agricultural Households to Total | Average Outstanding Loan Amount (₹) |
|--------------------------|--|--------------------------|--|--------------------------|--|-------------------------------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| < 0.01 | 23.89 | 2.65 | 10.02 | 2.1 | 41.9 | 31100 |
| 0.01-0.40 | 287.66 | 31.89 | 135.97 | 29.0 | 47.3 | 23900 |
| 0.41-1.00 | 314.81 | 34.90 | 152.16 | 32.5 | 48.3 | 35400 |
| 1.01-2.00 | 154.58 | 17.14 | 86.11 | 18.4 | 55.7 | 54800 |
| 2.01-4.00 | 84.35 | 9.35 | 56.10 | 12.0 | 66.5 | 94900 |
| 4.01-10.00 | 33.02 | 3.66 | 25.21 | 5.4 | 76.3 | 182700 |
| 10 & above | 3.71 | 0.41 | 2.92 | 0.6 | 78.7 | 290300 |
| All India | 902.01 | 100.00 | 468.48 | 100.0 | 51.9 | 47000 |

Source: National Sample Survey Office(NSSO)

Note: 1 Reference period for land possession and Indebtedness is "as on the date of survey"

2 Indebtedness relates to all kind of outstanding loans irrespective of the purpose for which taken

Table 16.3: Incidence of Indebtedness in Major States

| State | Estimated Number of Indebted Agricultural Households('00) | % to Total Indebted Agricultural Households | % Share in Total Foodgrains (2014-15) | |
|--------------------------|--|--|--|---------------|
| | | | Area | Production |
| (1) | (2) | (3) | (4) | (5) |
| 1. Uttar Pradesh | 79081 | 16.9 | 16.43 | 16.81 |
| 2. Maharashtra | 40672 | 8.7 | 8.12 | 4.09 |
| 3. Rajasthan | 40055 | 8.5 | 10.54 | 7.82 |
| 4. Andhra Pradesh* | 33421 | 7.1 | 5.39 | 6.9 |
| 5. West Bengal | 32787 | 7.0 | 5.02 | 6.53 |
| 6. Karnataka | 32775 | 7.0 | 5.86 | 4.77 |
| 7. Bihar | 30156 | 6.4 | 5.49 | 5.17 |
| 8. Madhya Pradesh | 27414 | 5.9 | 12.15 | 10.09 |
| 9. Odisha | 25830 | 5.5 | 4.24 | 3.55 |
| 10. Telangana* | 22628 | 4.8 | # | # |
| 11. Punjab | 7499 | 1.6 | 5.43 | 10.87 |
| 12. Other States/ UTs | 96163 | 20.5 | 21.33 | 23.40 |
| All India | 468481 | 100.0 | 100.00 | 100.00 |

Source: National Sample Survey Office (NSSO) for Col-2 and 3 and Directorate of Economics & Statistics for Col-4 and 5

Note: Reference period for Indebtedness is "as on the date of survey"

*Since Separate estimates for the newly formed States of Telangana and Andhra Pradesh are provided in place of erstwhile State of Andhra Pradesh

Separate figure for Telangana is not available, so Telangana share is included in Andhra Pradesh

Table 16.4: Incidence of Indebtedness based on size of land possessed

| State | % of Marginal Indebted Agricultural Households (upto 1.0 ha of land) | % of Small Indebted Agricultural Households (1.01 to 2.00 ha) | % of Semi-Medium Indebted Agricultural Households (2.01 to 4.00 ha) | % of Medium Indebted Agricultural Households (4.01 to 10.00 ha) | % of Large Indebted Agricultural Households (>10.00 ha) |
|--------------------|--|---|---|---|---|
| (1) | (2) | (3) | (4) | (5) | (6) |
| 1. Uttar Pradesh | 77.2 | 13.4 | 7.1 | 2.1 | 0.2 |
| 2. Maharashtra | 35.6 | 29.3 | 22.8 | 11.6 | 0.7 |
| 3. Madhya Pradesh | 42.3 | 27.4 | 21.4 | 7.5 | 1.3 |
| 4. Rajasthan | 50.9 | 18.3 | 16.8 | 12.1 | 1.9 |
| 5. Karnataka | 52.0 | 24.4 | 14.8 | 7.4 | 1.3 |
| 6. Andhra Pradesh* | 52.2 | 23.9 | 16.1 | 6.9 | 0.9 |
| 7. Telangana* | 51.0 | 23.6 | 19.6 | 5.0 | 0.9 |
| 8. Bihar | 86.7 | 10.0 | 2.6 | 0.7 | 0.0 |
| 9. West Bengal | 91.1 | 7.4 | 1.4 | 0.1 | 0.0 |
| 10. Punjab | 46.2 | 15.9 | 17.9 | 17.6 | 2.4 |
| 11. Odisha | 78.7 | 15.2 | 4.3 | 1.8 | 0.1 |
| All India | 63.6 | 18.4 | 12.0 | 5.4 | 0.6 |

Source: National Sample Survey Office(NSSO)

Note: 1 Reference period for land possession and Indebtedness is "as on the date of survey"

2 Indebtedness relates to all kind of outstanding loans irrespective of the purpose for which taken

*Separate estimates for the newly formed States of Telangana and Andhra Pradesh are provided in place of erstwhile State of Andhra Pradesh

17

Ceiling on Land Holdings and Wages for Agricultural Workers

Table 17.1: Ceilings on Land Holdings

| State | Irrigated Land with two Crops | Irrigated Land with one Crops | (In Acres) |
|---|----------------------------------|----------------------------------|-------------------------|
| | | | Dry land |
| (1) | (2) | (3) | (4) |
| As recommended in 1972 National Guidelines | 10-18 | 27 | 54 |
| Proposed in Agenda Notes 1985 of Regional Minister's Conference | 12 | 18 | 30 |
| Andhra Pradesh | 10 to 18 | 15 to 27 | 35 to 54 |
| Assam | 17 | 17 | 17 |
| Bihar | 15 to 18 | 25 | 30 to 45 |
| Gujarat | 10 to 18 | 15 to 27 | 20 to 54 |
| Haryana | 18 | 27 | 54 |
| Himachal Pradesh | 10 | 15 | 30 to 70 |
| Jammu & Kashmir | 9 to 12.5 | 9 to 12.5 | 15 to 23 (in Ladakh 19) |
| Karnataka | 10 to 20 | 25 to 30 | 54 |
| Kerala* | 12 to 15 | 12 to 15 | 12 to 15 |
| Madhya Pradesh | 18 | 27 | 54 |
| Maharashtra | 18 | 27 | 54 |
| Manipur | 12 | 12 | 15 |
| Mizoram | nil | nil | nil |
| Odisha | 10 | 15 | 30 to 45 |
| Punjab | 17 | 27 | 51 |
| Rajasthan | 18 | 27 | 54 to 175 |
| Tamil Nadu | 12 | 30 | 60 |
| Sikkim | 12.5 | 12.5 | 50 |
| Tripura | 10 | 10 | 30 |
| Uttarakhand | 18 | 27 | 45 |
| Uttar Pradesh | 18 | 27 | 45 |
| West Bengal | 12 | 12 | 17 |
| Andaman & Nicobar Islands | Nil | Nil | Nil |

Source : Department of Land Resources

Note : 1. The actual limits for lands in Karnataka and Uttar Pradesh are higher due to classification of land.

2. The actual ceiling limits in Himachal Pradesh and Rajasthan are higher due to hilly terrain and desert lands.

3. 1 Acre = 0.404686 Hectare.

Table 17.2: Minimum Rates of Wages for different category of Farm Workers in different States/ UTs. under the Minimum Wages Act, 1948

| S. No. | Appropriate Governments | Category | (₹ per day) |
|--------------------------|---------------------------|----------------------------------|---------------|
| (1) | (2) | (3) | (4) |
| 1 | Central Sphere | Unskilled | 204.00-226.00 |
| | | Semi-Skilled | 209.00-247.00 |
| | | Skilled/clerical | 227.00-269.00 |
| | | Highly skilled | 247.00-298.00 |
| States/Union Territories | | | |
| 1 | Andhra Pradesh | Lowest | 221.25 |
| | | Highest | 309.34 |
| 2 | Andaman & Nicobar Islands | Unskilled | 269.00-280.00 |
| | | Semi-skilled | 281.00-289.00 |
| | | Skilled | 294.00-311.00 |
| | | Highly Skilled | 315.00-333.00 |
| 3 | Arunachal Pradesh | Unskilled | 150-170 |
| | | Skilled | 170 - 190 |
| 4 | Assam | Unskilled | 177.84 |
| | | Semi-skilled | 205.20 |
| | | Skilled | 284.55 |
| 5 | Bihar | | 186.00-257.88 |
| 6 | Chandigarh | Unskilled | 306.19 |
| | | Semi-skilled | 312.00-316.00 |
| | | Skilled | 324.00-332.15 |
| | | Highly Skilled | 348 |
| 7 | Chhattisgarh | Unskilled | 148.96 |
| 8 | Dadra & Nagar Haveli | Unskilled | 220.80 |
| | | Semi-skilled | 227.30 |
| | | Skilled | 233.80 |
| 9 | Delhi | Unskilled | 348.00 |
| | | Semi-skilled | 385.00 |
| | | Skilled | 423.00 |
| 10 | Goa | | 225-267 |
| 11 | Gujarat | | 150.00 |
| 12 | Haryana | Unskilled | 223.56 |
| | | Semi-skilled | 228.56-233.56 |
| | | Skilled | 238.56-243.56 |
| | | Highly Skilled | 248.56 |
| 13 | Himachal Pradesh | Unskilled | 170.00 |
| 14 | Jammu & Kashmir | Unskilled | 110.00 |
| | | Semi-skilled | 150.00 |
| | | Skilled | 200.00 |
| | | Supervisor | 175.00 |
| 15 | Jharkhand | Tractor driver and pump operator | 255.91 |
| | | Chowkidar | 200.43 |
| | | All other agricultural | 187.43 |

(Contd.)

Ceiling on Land Holdings and Wages for Agricultural Workers 409

Table: 17.2 (*Contd.*)

| (1) | (2) | (3) | (4) |
|-----|----------------|-----------------------|---------------|
| | | operations | |
| 16 | Karnataka | | 288.66 |
| 17 | Kerala | For Light Work | 150.00 |
| | | For Hard Work | 200.00 |
| 18 | Lakshadweep | Unskilled | 255.20 |
| | | Semi-skilled | 280.20 |
| | | Skilled | 305.20 |
| | | Highly skilled | 330.20 |
| 19 | Madhya Pradesh | Unskilled | 186.53 |
| 20 | Maharashtra | | 191.01 |
| 21 | Manipur | Unskilled | 122.10 |
| | | Semi-skilled | 129.97 |
| | | Skilled | 132.60 |
| 22 | Meghalaya | Unskilled | 160.00 |
| | | Semi-skilled | 170.00 |
| | | Skilled | 180.00 |
| | | Highly Skilled | 200.00 |
| 23 | Mizoram | Unskilled | 220.00 |
| | | Semi-skilled | 250.00 |
| | | Skilled -II | 310.00 |
| | | Skilled -I | 380.00 |
| 24 | Nagaland | Unskilled | 115.00 |
| | | Semi-skilled | 125.00 |
| | | Skilled | 135.00 |
| 25 | Odisha | Unskilled | 150.00 |
| 26 | Puducherry | Puducherry & Karaikal | 70.00 & 80.00 |
| | | Yanam | 55.00 |
| | | Mahe | 120.00 |
| 27 | Punjab | Unskilled | 273.95 |
| 28 | Rajasthan | Unskilled | 189.00 |
| | | Semi-skilled | 199.00 |
| | | Skilled | 209.00 |
| | | Highly Skilled | 259.00 |
| 29 | Tamil Nadu | For 6 Hrs | 146.00 |
| 30 | Tripura | Adult | 250.00 |
| | | Young | 174.00 |
| 31 | Uttar Pradesh | Unskilled | 161.00 |
| 32 | Uttarakhand | Unskilled | 200.00 |
| 33 | West Bengal | Unskilled | 216.00 |
| | | Semi-Skilled | 238.00 |
| | | Skilled | 261.00 |

Source : Ministry of Labour & Employment

VDA: Variable Dearness Allowance

18

Livestock

Table 18.1: Livestock Population in India

| Species | 1951 | 1956 | 1961 | 1966 | 1972 | 1977 | 1982 | 1987 | 1992 | 1997 | 2003 | 2007 | 2012 | (Million Numbers) |
|------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | |
| Cattle* | 155.30 | 158.70 | 175.60 | 176.20 | 178.30 | 180.00 | 192.45 | 199.69 | 204.58 | 198.88 | 185.18 | 199.08 | 190.90 | |
| Buffalo | 43.40 | 44.90 | 51.20 | 53.00 | 57.40 | 62.00 | 69.78 | 75.97 | 84.21 | 89.92 | 97.92 | 105.34 | 108.70 | |
| Total Bovines | 198.70 | 203.60 | 226.80 | 229.20 | 235.70 | 242.00 | 262.36 | 275.82 | 289.00 | 289.00 | 283.10 | 304.76 | 299.98 | |
| Sheep | 39.10 | 39.30 | 40.20 | 42.40 | 40.00 | 41.00 | 48.76 | 45.70 | 50.78 | 57.49 | 61.47 | 71.56 | 65.07 | |
| Goats | 47.20 | 55.40 | 60.90 | 64.60 | 67.50 | 75.60 | 95.25 | 110.21 | 115.28 | 122.72 | 124.36 | 140.54 | 135.17 | |
| Horses & Ponies | 1.50 | 1.50 | 1.30 | 1.10 | 0.90 | 0.90 | 0.90 | 0.90 | 0.80 | 0.82 | 0.83 | 0.75 | 0.61 | 0.63 |
| Camels | 0.60 | 0.80 | 0.90 | 1.00 | 1.10 | 1.10 | 1.08 | 1.00 | 1.03 | 0.91 | 0.63 | 0.52 | 0.40 | |
| Pigs | 4.40 | 4.90 | 5.20 | 5.00 | 6.90 | 7.60 | 10.07 | 10.63 | 12.79 | 13.29 | 13.52 | 11.13 | 10.29 | |
| Mules | 0.06 | 0.04 | 0.05 | 0.08 | 0.08 | 0.09 | 0.13 | 0.17 | 0.19 | 0.22 | 0.18 | 0.14 | 0.20 | |
| Donkeys | 1.30 | 1.10 | 1.10 | 1.10 | 1.00 | 1.00 | 1.02 | 0.96 | 0.97 | 0.88 | 0.65 | 0.44 | 0.32 | |
| Yaks | NC | NC | 0.02 | 0.03 | 0.04 | 0.13 | 0.13 | 0.04 | 0.06 | 0.06 | 0.06 | 0.08 | 0.08 | |
| Total Livestock | 292.80 | 306.60 | 335.40 | 344.10 | 353.60 | 369.00 | 419.59 | 445.29 | 470.86 | 485.39 | 485.00 | 529.70 | 512.06 | |
| Poultry | 73.50 | 94.80 | 114.20 | 115.40 | 138.50 | 159.20 | 207.74 | 275.32 | 307.07 | 347.61 | 489.1 | 648.88 | 729.21 | |
| Dogs* | NC | NC | NC | NC | NC | NC | 18.54 | 17.95 | 21.77 | 25.48 | 29.03 | 19.09 | 11.67 | |
| Rabbits | NC | 0.48 | 0.42 | 0.59 |

Source : Department of Animal Husbandry, Dairying & Fisheries.

NC : Not Collected

* Stay cattle and stray dog are not included
Total may not tally due to rounding of figures

Table 18.2: All India Production of Milk, Eggs and Wool

| Year (1) | Milk (Million Tonnes) (2) | Eggs (Billion Nos.) (3) | Wool (Million Kgs.) (4) |
|-------------|---------------------------------|-------------------------------|-------------------------------|
| 1985-86 | 44.0 | 16.1 | 39.1 |
| 1986-87 | 46.1 | 17.3 | 40.0 |
| 1987-88 | 46.7 | 17.8 | 40.1 |
| 1988-89 | 48.4 | 18.9 | 40.8 |
| 1989-90 | 51.4 | 20.2 | 41.7 |
| 1990-91 | 53.9 | 21.1 | 41.2 |
| 1991-92 | 55.7 | 21.9 | 41.6 |
| 1992-93 | 58.0 | 22.9 | 38.8 |
| 1993-94 | 60.6 | 24.2 | 39.9 |
| 1994-95 | 63.8 | 25.9 | 40.6 |
| 1995-96 | 66.2 | 27.2 | 42.4 |
| 1996-97 | 69.1 | 27.5 | 44.4 |
| 1997-98 | 72.1 | 28.7 | 45.6 |
| 1998-99 | 75.4 | 29.5 | 46.9 |
| 1999-00 | 78.3 | 30.4 | 47.9 |
| 2000-01 | 80.6 | 36.6 | 48.4 |
| 2001-02 | 84.4 | 38.7 | 49.5 |
| 2002-03 | 86.2 | 39.8 | 50.5 |
| 2003-04 | 88.1 | 40.4 | 48.5 |
| 2004-05 | 92.5 | 45.2 | 44.6 |
| 2005-06 | 97.1 | 46.2 | 44.9 |
| 2006-07 | 102.6 | 50.7 | 45.1 |
| 2007-08 | 107.9 | 53.6 | 43.9 |
| 2008-09 | 112.2 | 55.6 | 42.8 |
| 2009-10 | 116.4 | 60.3 | 43.1 |
| 2010-11 | 121.8 | 63.0 | 43.0 |
| 2012-12 | 127.9 | 66.5 | 44.7 |
| 2012-13 | 132.4 | 69.7 | 46.1 |
| 2013-14 | 137.7 | 74.8 | 47.9 |
| 2014-15 | 146.3 | 78.5 | 48.1 |

Source : Department of Animal Husbandry, Dairying & Fisheries.

Table 18.3: State-wise Production of Milk, Eggs, Meat and Wool

| States/UTs | Milk (000Tonnes) | | | | | | Eggs (Lakh Nos.) | | |
|-------------------|------------------|---------|---------|---------|---------|---------|------------------|---------|----------|
| | 2011-12 | 2012-13 | 2013-14 | 2014-15 | 2011-12 | 2012-13 | 2013-14 | 2014-15 | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | |
| Andhra Pradesh* | 12088 | 12762 | 13007 | 9656 | 212103 | 222974 | 227875 | 130958 | |
| Arunachal Pradesh | 22 | 23 | 43 | 46 | 419 | 439 | 400 | 417 | |
| Assam | 796 | 800 | 815 | 829 | 4705 | 4710 | 4717 | 4728 | |
| Bihar | 6643 | 6845 | 7197 | 7775 | 7552 | 8372 | 9308 | 9845 | |
| Chhattisgarh | 1119 | 1164 | 1209 | 1232 | 12984 | 13704 | 14330 | 14732 | |
| Goa | 60 | 61 | 68 | 67 | 149 | 458 | 60 | 75 | |
| Gujarat | 9817 | 10315 | 11112 | 11691 | 14269 | 14558 | 15551 | 16565 | |
| Haryana | 6661 | 7040 | 7442 | 7901 | 41142 | 42343 | 43591 | 45790 | |
| Himachal Pradesh | 1120 | 1139 | 1151 | 1172 | 1050 | 1069 | 1075 | 1084 | |
| Jammu & Kashmir | 1614 | 1631 | 1615 | 1951 | 6520 | 6715 | 6649 | 4958 | |
| Jharkhand | 1745 | 1679 | 1700 | 1734 | 4313 | 4239 | 4445 | 4663 | |
| Karnataka | 5447 | 5718 | 5997 | 6121 | 34699 | 36773 | 41301 | 43968 | |
| Kerala | 2716 | 2791 | 2655 | 2711 | 17049 | 22375 | 24769 | 25036 | |
| Madhya Pradesh | 8149 | 8838 | 9599 | 10779 | 7972 | 8711 | 9671 | 11776 | |
| Maharashtra | 8469 | 8734 | 9089 | 9542 | 43861 | 45661 | 48315 | 50792 | |
| Manipur | 79 | 80 | 82 | 82 | 1149 | 1162 | 1164 | 1129 | |
| Meghalaya | 80 | 81 | 82 | 83 | 1021 | 1028 | 1049 | 1057 | |
| Mizoram | 14 | 14 | 15 | 20 | 349 | 352 | 362 | 377 | |
| Nagaland | 78 | 79 | 81 | 76 | 704 | 618 | 223 | 353 | |
| Odisha | 1721 | 1724 | 1861 | 1903 | 23007 | 23230 | 23609 | 19245 | (Contd.) |

Table 18.3 (*Contd.*)

| States/UTs | Meat (000 Tonnes) | | | | | | Wool (000 Kgs) | |
|-------------------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | 2011-12 (10) | 2012-13 (11) | 2013-14 (12) | 2014-15 (13) | 2011-12 (14) | 2012-13 (15) | 2013-14 (16) | 2014-15 (17) |
| Andhra Pradesh* | 824 | 906 | 935 | 528 | 4924 | 5031 | 5037 | 778 |
| Arunachal Pradesh | 19 | 18 | 18 | 19 | 17 | 18 | 22 | 24 |
| Assam | 34 | 37 | 38 | 43 | - | - | - | - |
| Bihar | 228 | 228 | 292 | 294 | 266 | 267 | 271 | 278 |
| Chhattisgarh | 30 | 34 | 29 | 38 | 104 | 107 | 106 | 116 |
| Goa | 10 | 8 | 5 | 8 | - | - | - | - |
| Gujarat | 35 | 35 | 33 | 34 | 2819 | 2664 | 2578 | 2577 |
| Haryana | 337 | 348 | 367 | 381 | 1333 | 1370 | 1390 | 1429 |
| Himachal Pradesh | 4 | 4 | 4 | 4 | 1648 | 1649 | 1655 | 1663 |
| Jammu & Kashmir | 32 | 34 | 33 | 45 | 7530 | 7681 | 8710 | 8371 |
| Jharkhand | 46 | 45 | 45 | 48 | 202 | 159 | 156 | 161 |
| Karnataka | 140 | 166 | 170 | 181 | 7779 | 8020 | 7755 | 8821 |
| Kerala | 426 | 401 | 416 | 446 | - | - | - | - |
| Madhya Pradesh | 39 | 43 | 48 | 59 | 413 | 442 | 466 | 484 |
| Maharashtra | 585 | 591 | 605 | 631 | 1469 | 1503 | 1539 | 1386 |
| Manipur | 24 | 25 | 25 | 27 | - | - | - | - |
| Meghalaya | 38 | 39 | 40 | 41 | - | - | - | - |
| Mizoram | 13 | 12 | 12 | 13 | - | - | - | - |
| Nagaland | 78 | 71 | 67 | 67 | - | - | - | - |
| Odisha | 138 | 141 | 154 | 163 | - | - | - | - |

(Contd.)

Table 18.3 (Contd.)

| States/UTs | Milk (000 Tonnes) | | | | | Eggs (lakh Nos.) | | |
|---------------|-------------------|---------|---------|---------|---------|------------------|---------|---------|
| | 2011-12 | 2012-13 | 2013-14 | 2014-15 | 2011-12 | 2012-13 | 2013-14 | 2014-15 |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| Punjab | 9551 | 9724 | 10011 | 10351 | 36030 | 37911 | 43376 | 42642 |
| Rajasthan | 13512 | 13946 | 14573 | 16934 | 9605 | 10335 | 11903 | 13202 |
| Sikkim | 45 | 42 | 46 | 50 | 146 | 146 | 99 | 58 |
| Tamil Nadu | 6968 | 7005 | 7049 | 7132 | 118518 | 119334 | 141235 | 159253 |
| Telangana | - | - | - | 4207 | - | - | - | 106185 |
| Tripura | 111 | 118 | 130 | 141 | 1650 | 1565 | 1794 | 1979 |
| Uttar Pradesh | 22556 | 23330 | 24194 | 25198 | 16075 | 17074 | 18122 | 20776 |
| Uttarakhand | 1417 | 1478 | 1550 | 1565 | 2712 | 3079 | 3370 | 3697 |
| West Bengal | 4672 | 4859 | 4906 | 4961 | 43433 | 47115 | 47460 | 48136 |
| A & N Islands | 26 | 21 | 14 | 16 | 780 | 741 | 1193 | 861 |
| Chandigarh | 45 | 44 | 44 | 44 | 181 | 170 | 173 | 169 |
| D & N Haveli | 11 | 11 | 11 | 9 | 73 | 73 | 73 | 73 |
| Daman & Diu | 1 | 1 | 1 | 1 | 20 | 20 | 13 | 19 |
| Delhi | 502 | 287 | 284 | 280 | 1 | - | 0 | 0 |
| Lakshadweep | 2 | 2 | 6 | 4 | 140 | 140 | 129 | 126 |
| Puducherry | 45 | 47 | 47 | 48 | 116 | 113 | 113 | 113 |
| All India | 127904 | 132431 | 137686 | 146314 | 664499 | 697307 | 747519 | 784839 |

(Contd.)

Table 18.3 (Contd.)

| States/UTs | Meat (000 Tonnes) | | | | | | Wool (000 Kgs) | |
|------------------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | 2011-12 (10) | 2012-13 (11) | 2013-14 (12) | 2014-15 (13) | 2011-12 (14) | 2012-13 (15) | 2013-14 (16) | 2014-15 (17) |
| Punjab | 181 | 212 | 235 | 237 | 532 | 558 | 558 | 461 |
| Rajasthan | 122 | 152 | 175 | 181 | 13192 | 14007 | 15027 | 14463 |
| Sikkim | 3 | 3 | 3 | 3 | 1 | 1 | 1 | 0 |
| Tamil Nadu | 460 | 462 | 465 | 492 | 1 | 1 | 2 | 1 |
| Telangana | - | - | - | 505 | - | - | - | 4423 |
| Tripura | 25 | 32 | 32 | 34 | - | - | - | - |
| Uttar Pradesh | 956 | 1137 | 1221 | 1397 | 1420 | 1456 | 1473 | 1494 |
| Uttarakhand | 16 | 22 | 24 | 26 | 371 | 400 | 440 | 469 |
| West Bengal | 611 | 648 | 649 | 657 | 713 | 722 | 725 | 740 |
| A & N Islands | 0.4 | 0 | 2 | 5 | - | - | - | - |
| Chandigarh | 1 | 1 | 1 | 1 | - | - | - | - |
| D & N Haveli | 0.1 | 0 | 0 | 0 | - | - | - | - |
| Daman & Diu | 0.2 | 0 | 0 | 1 | - | - | - | - |
| Delhi | 45 | 81 | 77 | 70 | - | - | - | - |
| Lakshadweep | 0.4 | 0 | 0 | 0 | - | - | - | - |
| Puducherry | 14 | 14 | 14 | 14 | - | - | - | - |
| All India | 5514 | 5948 | 6235 | 6691 | 44734 | 46055 | 47909 | 48140 |

Source: Department of Animal Husbandry, Dairying & Fisheries.

* Till 2013-14 the figures of Andhra Pradesh include Telangana

19

Fish Production

Table 19.1: Fish Production in India

| Year (1) | Marine (2) | Inland (3) | Total (‘000 Tonnes) (4) |
|-------------|---------------|---------------|-------------------------------|
| 1950-51 | 534 | 218 | 752 |
| 1955-56 | 596 | 243 | 839 |
| 1960-61 | 880 | 280 | 1160 |
| 1965-66 | 824 | 507 | 1331 |
| 1970-71 | 1086 | 670 | 1756 |
| 1973-74 | 1210 | 748 | 1958 |
| 1978-79 | 1490 | 816 | 2306 |
| 1979-80 | 1492 | 848 | 2340 |
| 1980-81 | 1555 | 887 | 2442 |
| 1981-82 | 1445 | 999 | 2444 |
| 1982-83 | 1427 | 940 | 2367 |
| 1983-84 | 1519 | 987 | 2506 |
| 1984-85 | 1698 | 1103 | 2801 |
| 1985-86 | 1716 | 1160 | 2876 |
| 1986-87 | 1713 | 1229 | 2942 |
| 1987-88 | 1658 | 1301 | 2959 |
| 1988-89 | 1817 | 1335 | 3152 |
| 1989-90 | 2275 | 1402 | 3677 |
| 1990-91 | 2300 | 1536 | 3836 |
| 1991-92 | 2447 | 1710 | 4157 |
| 1992-93 | 2576 | 1789 | 4365 |
| 1993-94 | 2649 | 1995 | 4644 |
| 1994-95 | 2692 | 2097 | 4789 |
| 1995-96 | 2707 | 2242 | 4949 |
| 1996-97 | 2967 | 2381 | 5348 |
| 1997-98 | 2950 | 2438 | 5388 |
| 1998-99 | 2696 | 2602 | 5298 |
| 1999-00 | 2852 | 2823 | 5675 |
| 2000-01 | 2811 | 2845 | 5656 |
| 2001-02 | 2830 | 3126 | 5956 |
| 2002-03 | 2990 | 3210 | 6200 |
| 2003-04 | 2941 | 3458 | 6399 |
| 2004-05 | 2779 | 3526 | 6305 |
| 2005-06 | 2816 | 3756 | 6572 |
| 2006-07 | 3024 | 3845 | 6869 |
| 2007-08 | 2920 | 4207 | 7127 |
| 2008-09 | 2978 | 4638 | 7616 |
| 2009-10 | 3104 | 4894 | 7998 |
| 2010-11 | 3250 | 4981 | 8231 |
| 2011-12 | 3372 | 5294 | 8666 |
| 2012-13 | 3321 | 5720 | 9040 |
| 2013-14 (P) | 3444 | 6132 | 9576 |
| 2014-15 (P) | 3502 | 6929 | 10431 |

Source: Department of Animal Husbandry Dairying & Fisheries

Table 19.2: State-wise Production of Fish

| Sr. No. | States/UTs | 2012-13 | | | 2013-14(P) | | | 2014-15(P) | | |
|------------|-------------------|---------|---------|---------|------------|---------|---------|------------|---------|---------|
| | | Marine | Inland | Total | Marine | Inland | Total | Marine | Inland | Total |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| 1 | Andhra Pradesh | 414349 | 1393728 | 1808077 | 438246 | 1580170 | 2018416 | 475401 | 1503177 | 1978578 |
| 2 | Arunachal Pradesh | 0 | 3710 | 3710 | 0 | 3625 | 3625 | 0 | 3625 | 3625 |
| 3 | Assam | 0 | 254270 | 254270 | 0 | 266700 | 266700 | 0 | 282700 | 282700 |
| 4 | Bihar | 0 | 400140 | 400140 | 0 | 432298 | 432298 | 0 | 479800 | 479800 |
| 5 | Goa | 73713 | 4166 | 77879 | 109574 | 4485 | 114059 | 114700 | 3276 | 117976 |
| 6 | Gujarat | 693560 | 94930 | 788490 | 695580 | 102913 | 798493 | 698450 | 193430 | 891880 |
| 7 | Haryana | 0 | 111480 | 111480 | 0 | 105580 | 105580 | 0 | 111203 | 111203 |
| 8 | Himachal Pradesh | 0 | 8561 | 8561 | 0 | 9834 | 9834 | 0 | 10736 | 10736 |
| 9 | Jammu & Kashmir | 0 | 19950 | 966000 | 0 | 20000 | 20000 | 0 | 20300 | 20300 |
| 10 | Karnataka | 357324 | 168242 | 525566 | 357358 | 197952 | 555310 | 389822 | 223419 | 613241 |
| 11 | Kerala | 530638 | 149098 | 679736 | 522308 | 186337 | 708645 | 467078 | 258935 | 726013 |
| 12 | Madhya Pradesh | 0 | 85165 | 85165 | 0 | 96258 | 96258 | 0 | 109121 | 109121 |
| 13 | Maharashtra | 448913 | 137461 | 586374 | 467458 | 135221 | 602679 | 465585 | 247863 | 711448 |
| 14 | Manipur | 0 | 24502 | 24502 | 0 | 28541 | 28541 | 0 | 30500 | 30500 |
| 15 | Meghalaya | 0 | 5417 | 5417 | 0 | 5752 | 5752 | 0 | 6039 | 6039 |
| 16 | Mizoram | 0 | 5430 | 5430 | 0 | 5940 | 5940 | 0 | 6387 | 6387 |
| 17 | Nagaland | 0 | 7130 | 7130 | 0 | 7465 | 7465 | 0 | 7835 | 7835 |
| 18 | Odisha | 118311 | 291832 | 410143 | 120021 | 293764 | 413785 | 133211 | 336337 | 469548 |
| 19 | Punjab | 0 | 99130 | 99130 | 0 | 104020 | 104020 | 0 | 114770 | 114770 |
| 20 | Rajasthan | 0 | 55160 | 55160 | 0 | 35100 | 35100 | 0 | 46314 | 46314 |
| 21 | Sikkim | 0 | 490 | 490 | 0 | 420 | 420 | 0 | 440 | 440 |

(Contd.)

Table 19.2 (Contd.)

| (1) | Sr. No. | States/UT's | 2012-13 | | | 2013-14(P) | | | 2014-15(P) | | |
|-----|---------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|
| | | | (2) | (3) | Marine Inland | (4) | (5) | Marine Inland | (6) | (7) | (8) |
| 22 | Tamil Nadu | 428441 | 191956 | 620397 | 432266 | 192030 | 624296 | 457454 | 240158 | 697612 | |
| 23 | Tripura | 0 | 57460 | 57460 | 0 | 61950 | 61950 | 0 | 63560 | 63560 | |
| 24 | Uttar Pradesh | 0 | 449750 | 449750 | 0 | 464484 | 464484 | 0 | 494265 | 494265 | |
| 25 | West Bengal | 152352 | 1337664 | 1490016 | 188243 | 1392404 | 1580647 | 178851 | 1438468 | 1617319 | |
| 26 | A & N Islands | 36426 | 194 | 36620 | 36753 | 195 | 36948 | 36980 | 197 | 37177 | |
| 27 | Chandigarh | 0 | 46 | 46 | 0 | 113 | 113 | 0 | 118 | 118 | |
| 28 | D & N Haveli | 0 | 50 | 50 | 0 | 50 | 50 | 0 | 0 | 0 | |
| 29 | Daman & Diu | 18778 | 234 | 19012 | 19860 | 0 | 19860 | 31538 | 278 | 31816 | |
| 30 | Delhi | 0 | 690 | 690 | 0 | 880 | 880 | 0 | 675 | 675 | |
| 31 | Lakshadweep | 12372 | 0 | 12372 | 18717 | 0 | 18717 | 13169 | 0 | 13169 | |
| 32 | Puducherry | 35606 | 5460 | 41066 | 37812 | 4269 | 42081 | 41833 | 5452 | 47285 | |
| 33 | Chhattisgarh | 0 | 255611 | 255611 | 0 | 284959 | 284959 | 0 | 314164 | 314164 | |
| 34 | Uttarakhand | 0 | 3847 | 3847 | 0 | 3889 | 3889 | 0 | 3936 | 3936 | |
| 35 | Jharkhand | 0 | 96600 | 96600 | 0 | 104820 | 104820 | 0 | 106430 | 106430 | |
| 36 | Telangana | Total | 3320783 | 5719554 | 9040337 | 3444196 | 6132418 | 9576614 | 3502073 | 6929288 | 10431361 |

Source: Department of Animal Husbandry Dairying & Fisheries
(P)- Provisional

20

Rainfall Scenario and Management of Natural Disasters

20.1 : Rainfall Status

Rainfall during 2014 (January- December, 2014)

In 2014, the rainfall (January to December, 2014) over the country as a whole was 88% of Long Period Average (LPA). Out of 36 meteorological subdivisions, 24 received excess / normal rainfall and 12 received deficient rainfall. Season wise rainfall distribution over the country as a whole was as follows:

| | |
|--|-------------|
| Winter (January to February 2014): | 113% of LPA |
| Pre-monsoon (March to May 2014): | 99% of LPA |
| Monsoon (June to September 2014): | 88% of LPA |
| Post-Monsoon (October to December 2014): | 67% of LPA |

Season-wise Performance

Winter Season (January- February 2014)

During the winter season rainfall activity over the country as a whole was 113% of the LPA rainfall. At met sub-division level, 16 subdivisions received excess rainfall, 05 sub-divisions received normal rainfall, 10 received deficient and 05 received scanty rainfall out of 36 met sub-divisions.

Pre-Monsoon Season (March- May 2014)

Rainfall activity during the Pre-monsoon season over the country as a whole was recorded normal at 99% of LPA rainfall. Out of 36 meteorological subdivisions, 15 received excess rainfall, 12 received normal rainfall, 07 received deficient rainfall and 02 met sub-divisions received scanty rainfall.

Monsoon Season 2014 (June-September 2014)

During the monsoon season for the country as a whole, rainfall was 88% of its Long Period Average (LPA). Seasonal rainfall was 79% of LPA over Northwest India, 90% of its LPA over Central India, 93% of its LPA over south Peninsula and 88 % of its LPA over East and Northeast (NE) India. At met sub-division level, out of 36 met sub-divisions, one sub-division received excess rainfall, 23 sub-divisions received normal rainfall and 12 sub-divisions received deficient rainfall. Excess/normal rainfall sub-divisions covered 70% of the geographical area of the country. Out of 615 districts for which rainfall data were available, 56 districts (9%) received excess rainfall, 279 districts (46%) normal rainfall, 223 districts (36%) deficient rainfall and 56 districts (9%) received scanty rainfall.

Post-Monsoon Season (October- December 2014)

Rainfall activity during the Post-monsoon season over the country as a whole was recorded deficit rainfall with 67% of LPA. Out of 36 meteorological sub-divisions, 2 received excess rainfall, 10 received normal rainfall, 13 received deficient rainfall and 11 met sub-divisions received scanty rainfall.

Rainfall during 2015 (January-December, 2015)

During the winter season rainfall activity over the country as a whole was 91% of the LPA rainfall. At met sub-division level, 09 subdivisions received excess rainfall, 09 subdivisions received normal rainfall, 12 received deficient and 06 received scanty rainfall out of 36 met sub-divisions.

Pre-Monsoon Season (March-May 2015)

Rainfall activity during the Pre-monsoon season over the country as a whole was recorded excess 138% of LPA rainfall. Out of 36 meteorological sub-divisions, 26 received excess rainfall, 08 received normal rainfall and 02 received deficient rainfall.

Monsoon Season 2015 (June-September 2015)

During the monsoon season for the country as a whole, rainfall was 86% of its Long Period Average (LPA). Seasonal rainfall was 83% of LPA over Northwest India, 84% of its LPA over Central India, 85% of its LPA over South Peninsula and 92 % of its LPA over East and Northeast (NE) India. At met sub-division level, out of 36 met sub-divisions, one sub-division received excess rainfall, 18 sub-divisions received normal rainfall and 17 sub-divisions received deficient rainfall. Excess/normal rainfall sub-divisions covered 70% of the geographical area of the country. Out of 614 districts for which rainfall data were available, 62 districts (10%) received excess rainfall, 250 districts (41%) normal rainfall, 272 districts (44%) deficient rainfall and 30 districts (5%) received scanty rainfall.

Post-Monsoon Season (October-December 2015)

During the post-monsoon season (1st October to 18th November, 2015) rainfall received in the country was 72% of LPA. Out of 36 meteorological sub-divisions, 03 received excess rainfall, 05 received normal rainfall, 10 received deficient rainfall and 18 received scanty rainfall.

Table 20.2 : Performance of South West Monsoon during 1989 to 2015 (1st June -30th September)

| Year | Number of Meteorological Sub-Divisions @ | | Percentage of Districts with Normal/ Excess Rainfall | Actual Rainfall as % of Normal Rainfall (All India) |
|------|--|----------------------------|--|---|
| | Excess/ Normal Rainfall | Deficient/ Scanty Rainfall | | |
| (1) | (2) | (3) | (4) | (5) |
| 1989 | 29 | 6 | 72 | 101 |
| 1990 | 32 | 3 | 88 | 119 |
| 1991 | 27 | 8 | 68 | 91 |
| 1992 | 32 | 3 | 65 | 93 |
| 1993 | 31 | 4 | 78 | 100 |
| 1994 | 25 | 10 | 77 | 110 |
| 1995 | 33 | 2 | 79 | 100 |
| 1996 | 32 | 3 | 82 | 103 |
| 1997 | 32 | 3 | 81 | 102 |
| 1998 | 33 | 2 | 83 | 106 |
| 1999 | 28 | 7 | 67 | 96 |
| 2000 | 28 | 7 | 66 | 92 |
| 2001 | 30 | 5 | 68 | 92 |
| 2002 | 15 | 21 | 39 | 81 |
| 2003 | 33 | 3 | 77 | 102 |
| 2004 | 23 | 13 | 56 | 87 |
| 2005 | 32 | 4 | 72 | 99 |
| 2006 | 26 | 10 | 59 | 100 |
| 2007 | 31 | 5 | 72 | 106 |
| 2008 | 33 | 3 | 76 | 98 |
| 2009 | 14 | 22 | 41 | 78 |
| 2010 | 31 | 5 | 69 | 102 |
| 2011 | 33 | 3 | 76 | 101 |
| 2012 | 23 | 13 | 58 | 92 |
| 2013 | 30 | 6 | 72 | 106 |
| 2014 | 24 | 12 | 55 | 88 |
| 2015 | 19 | 17 | 51 | 86 |

Source: Directorate of Economics and Statistics, DAC&FW

@ Total number of Meteorological sub-divisions was 35 upto 2001. From 2002 onwards, the no. of meteorological sub-divisions is 36.

Excess : + 20% or more of Long Period Average Rainfall

Normal : Between + 19% and -19% of Long Period Average Rainfall

Deficient : Between -20% and -59% of Long Period Average Rainfall

Scanty : Between -60% and -99% of Long Period Average Rainfall

Table 20.3 : All India Rainfall Distribution from 1992-93 to 2015-16

| Year | Monsoon Season (June-September) | | | | Post-Monsoon (October-December) | | | | Winter Season (January-February) | | | | Pre-monsoon Season (March-May) | | | | Overall rainfall (June-May) | | | | | | |
|-----------|------------------------------------|-------|--------|-------|------------------------------------|-------|--------|------|-------------------------------------|-------|-------------|-------|-----------------------------------|--------|--------|------|--------------------------------|------|--------|------|--------|------|-------------|
| | Actual | | Normal | | % Departure | | Actual | | Normal | | % Departure | | Actual | | Normal | | % Departure | | Actual | | Normal | | % Departure |
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) | (17) | (18) | (19) | (20) | (21) | (22) | |
| 1992-93 | 830.7 | 899.2 | -7.6 | 106.5 | 114.1 | -6.7 | 37.9 | 41.0 | -7.6 | 116.5 | 121.3 | -4.0 | 1091.6 | 1175.6 | -7.1 | | | | | | | | |
| 1993-94 | 902.1 | 908.9 | -0.7 | 131.6 | 119.6 | 10.0 | 44.5 | 40.8 | 9.1 | 106.1 | 123.3 | -13.9 | 1184.3 | 1192.6 | -0.7 | | | | | | | | |
| 1994-95 | 999.2 | 906.8 | 10.2 | 121.5 | 119.6 | 1.6 | 53.1 | 41.1 | 29.2 | 123.5 | 123.2 | 0.2 | 1297.3 | 1190.7 | 9.0 | | | | | | | | |
| 1995-96 | 904.5 | 904.7 | -0.0 | 117.8 | 119.9 | -1.8 | 37.4 | 40.8 | -8.3 | 94.9 | 123.9 | -23.4 | 1154.6 | 1189.3 | -2.9 | | | | | | | | |
| 1996-97 | 927.6 | 905.7 | 2.4 | 128.0 | 120.8 | 6.0 | 21.0 | 40.6 | -48.3 | 118.9 | 123.2 | -3.5 | 1195.5 | 1190.3 | 0.4 | | | | | | | | |
| 1997-98 | 927.4 | 908.6 | 2.1 | 187.7 | 119.5 | 57.1 | 44.1 | 41.9 | 5.3 | 132.3 | 128.3 | 3.1 | 1291.5 | 1198.3 | 7.8 | | | | | | | | |
| 1998-99 | 945.2 | 903.6 | 4.6 | 178.8 | 121.8 | 46.8 | 28.4 | 42.8 | -33.6 | 123.1 | 130.6 | -5.7 | 1275.5 | 1198.8 | 6.4 | | | | | | | | |
| 1999-2000 | 866.9 | 903.2 | -4.0 | 144.7 | 121.8 | 18.8 | 43.1 | 42.5 | 1.4 | 128.8 | 129.5 | -0.5 | 1183.5 | 1197.0 | -1.1 | | | | | | | | |
| 2000-01 | 833.7 | 902.3 | -7.6 | 64.1 | 121.7 | -47.3 | 16.2 | 42.2 | -61.6 | 129.7 | 129.3 | 0.3 | 1043.7 | 1195.5 | -12.7 | | | | | | | | |
| 2001-02 | 826.0 | 901.1 | -8.3 | 137.7 | 121.7 | 13.1 | 35.0 | 41.2 | -15.0 | 121.5 | 132.0 | -8.0 | 1120.2 | 1196.0 | -6.3 | | | | | | | | |
| 2002-03 | 737.1 | 911.7 | -19.2 | 83.4 | 123.7 | -32.6 | 53.2 | 38.3 | 38.9 | 107.7 | 131.7 | -18.2 | 981.4 | 1205.4 | -18.6 | | | | | | | | |
| 2003-04 | 947.3 | 902.7 | 4.9 | 134.6 | 125.0 | 7.7 | 34.5 | 39.2 | -12.0 | 161.6 | 129.6 | 24.7 | 1275.0 | 1196.5 | 6.8 | | | | | | | | |
| 2004-05 | 779.6 | 893.3 | -12.7 | 111.8 | 125.7 | -11.1 | 69.8 | 43.8 | 59.0 | 124.7 | 134.5 | -7.3 | 1082.9 | 1197.3 | -9.3 | | | | | | | | |
| 2005-06 | 879.3 | 892.5 | -1.0 | 138.4 | 125.8 | 10.0 | 27.8 | 43.9 | -37.0 | 139.9 | 134.6 | 3.9 | 1185.4 | 1196.8 | -1.0 | | | | | | | | |
| 2006-07 | 886.6 | 892.2 | -0.6 | 99.3 | 125.9 | -21.1 | 34.3 | 43.8 | -21.7 | 112.8 | 133.6 | -15.6 | 1133.0 | 1195.5 | -5.2 | | | | | | | | |
| 2007-08 | 936.9 | 892.2 | 5.0 | 85.4 | 125.9 | -32.2 | 42.6 | 43.2 | -1.4 | 115.3 | 133.5 | -13.6 | 1180.2 | 1194.8 | -1.2 | | | | | | | | |
| 2008-09 | 873.2 | 892.2 | -2.1 | 87.2 | 125.9 | -30.7 | 23.6 | 43.8 | -46.1 | 91.0 | 134.5 | -32.3 | 1075.0 | 1196.4 | -10.1 | | | | | | | | |
| 2009-10 | 689.8 | 892.2 | -22.7 | 135.5 | 125.9 | 7.6 | 24.6 | 43.8 | -43.8 | 122.9 | 133.7 | -8.1 | 972.8 | 1195.6 | -18.6 | | | | | | | | |
| 2010-11 | 912.8 | 893.2 | 2.2 | 153.2 | 126.3 | 21.3 | 31.9 | 40.9 | -22.0 | 114.4 | 131.3 | -12.9 | 1212.3 | 1191.7 | 1.7 | | | | | | | | |
| 2011-12 | 899.9 | 887.5 | 1.4 | 65.7 | 127.2 | -48.3 | 38.8 | 40.9 | -5.1 | 90.3 | 131.3 | -31.2 | 1094.7 | 1186.9 | -7.8 | | | | | | | | |
| 2012-13 | 819.5 | 886.9 | -7.6 | 100.6 | 127.2 | -20.9 | 51.4 | 40.9 | 25.7 | 101.9 | 131.3 | -22.4 | 1073.4 | 1186.3 | -9.5 | | | | | | | | |
| 2013-14 | 936.7 | 886.9 | 5.6 | 149.5 | 127.2 | 17.5 | 46.2 | 40.9 | 13.0 | 130 | 131.3 | -1.0 | 1262.4 | 1186.3 | 6.4 | | | | | | | | |
| 2014-15 | 777.5 | 886.9 | -12.3 | 85.2 | 127.2 | -33.0 | 37.6 | 41.4 | -9.2 | 181.5 | 131.5 | 38.0 | 1081.8 | 1187.0 | -8.9 | | | | | | | | |
| 2015-16* | 760.6 | 887.5 | -14.3 | 72.2 | 100.9 | -28.4 | | | | | | | | | | | | | | | | | |

Source: Directorate of Economics and Statistics, DAC&FW

* - Post Monsoon is under progress (Position is upto 18th November, 2015)

Table 20.4 : Broad region-wise Monsoon (June-September) Rainfall Distribution from 2005 to 2015

| Year | North-West India | | | Central India | | | South Peninsula | | | East & North-East India | | |
|------|------------------|-------|--------|---------------|-------|--------|-----------------|-------|--------|-------------------------|--------|--------|
| | Actual | | Normal | Actual | | Normal | Actual | | Normal | Actual | | Normal |
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| 2005 | 552.1 | 611.6 | -10 | 1094.9 | 993.2 | 10 | 808.9 | 722.6 | 12 | 1140.9 | 1430.7 | -20 |
| 2006 | 573.7 | 611.6 | -6 | 1152.2 | 993.9 | 16 | 684.6 | 722.6 | -5 | 1177.6 | 1427.3 | -17 |
| 2007 | 520.8 | 611.6 | -15 | 1073.8 | 993.9 | 8 | 907.3 | 722.6 | 26 | 1485.9 | 1427.3 | 4 |
| 2008 | 651.7 | 611.6 | 7 | 956.9 | 993.9 | -4 | 692.5 | 722.6 | -4 | 1346.0 | 1427.3 | -6 |
| 2009 | 392.1 | 611.6 | -36 | 794.8 | 993.9 | -20 | 693.0 | 722.6 | -4 | 1037.7 | 1427.3 | -27 |
| 2010 | 688.2 | 613.0 | 12 | 1027.9 | 991.5 | 4 | 853.6 | 722.9 | 18 | 1175.8 | 1436.2 | -18 |
| 2011 | 654.8 | 615.0 | 7 | 1073.6 | 975.5 | 10 | 715.2 | 715.5 | -0 | 1233.6 | 1438.3 | -14 |
| 2012 | 569.3 | 615.0 | -7 | 934.6 | 974.2 | -4 | 644.0 | 715.7 | -10 | 1275.3 | 1437.8 | -11 |
| 2013 | 671.8 | 615.0 | 9 | 1195.3 | 974.2 | 23 | 825.6 | 715.7 | 15 | 1037.9 | 1437.8 | -28 |
| 2014 | 483.1 | 615.0 | -21 | 879.7 | 974.2 | -10 | 665.4 | 715.7 | -7 | 1267.7 | 1437.8 | -12 |
| 2015 | 510.6 | 615.0 | -17 | 815.5 | 975.5 | -16 | 605.7 | 716.1 | -15 | 1317.5 | 1438.3 | -8 |

Source: Directorate of Economics and Statistics, DAC&FW

Table 20.5: Rainfall in 2015

| S.No. | Meteorological Sub-Divisions | Total Rainfall in Winter- 2015 | | | | Total Rainfall in Pre- Monsoon-2015 | | | | Total Rainfall in Post- Monsoon-2015 | | | | Total Rainfall in Year 2015 (January To 18th November) | | | | | |
|-------|---------------------------------|-----------------------------------|-----------------|------------------|-----------------|--|------------------|-----------------|-----------------|---|-----------------|-----------------|------------------|--|-----------------|------------------|-----------------|-----------------|------------------|
| | | Normal (CMS) | Actual (CMS) | Deviation (%) | Normal (CMS) | Actual (CMS) | Deviation (%) | Normal (CMS) | Actual (CMS) | Deviation (%) | Normal (CMS) | Actual (CMS) | Deviation (%) | Normal (CMS) | Actual (CMS) | Deviation (%) | Normal (CMS) | Actual (CMS) | Deviation (%) |
| 1 | 2 | | | | | | | | | | | | | | | | | | |
| 1 | A & N Islands | 8.3 | 13.4 | 62 | 46.5 | 47.3 | 2 | 168.3 | 167.9 | -0 | 46.3 | 37.2 | -20 | 269.3 | 265.8 | -1 | | | |
| 2 | Arunachal Pradesh | 14.8 | 7.4 | -50 | 75.0 | 63.7 | -15 | 176.8 | 187.5 | 6 | 21.0 | 9.9 | -53 | 287.6 | 268.4 | -7 | | | |
| 3 | Assam & Meghalaya | 4.7 | 2.8 | -41 | 59.0 | 60.3 | 2 | 179.3 | 174.8 | -3 | 17.4 | 7.7 | -56 | 260.3 | 245.5 | -6 | | | |
| 4 | Naga, Mani, Mizo & Tripura | 4.4 | 2.8 | -37 | 49.4 | 38.4 | -22 | 149.7 | 105.0 | -30 | 21.9 | 12.3 | -44 | 225.4 | 158.4 | -30 | | | |
| 5 | Sub-Himalayan, WB & Sikkim | 6.0 | 2.9 | -51 | 45.7 | 51.5 | 13 | 200.6 | 188.3 | -6 | 16.9 | 7.5 | -56 | 269.3 | 250.3 | -7 | | | |
| 6 | Gangetic West Bengal | 3.4 | 1.8 | -49 | 16.5 | 16.6 | 0 | 116.8 | 126.6 | 8 | 14.8 | 3.3 | -78 | 151.5 | 148.2 | -2 | | | |
| 7 | Odisha | 3.2 | 1.8 | -42 | 13.5 | 11.1 | -18 | 115.0 | 103.4 | -10 | 13.5 | 3.1 | -77 | 145.1 | 119.5 | -18 | | | |
| 8 | Jharkhand | 3.3 | 1.4 | -58 | 7.9 | 10.2 | 28 | 109.2 | 94.2 | -14 | 8.2 | 2.3 | -72 | 128.7 | 108.0 | -16 | | | |
| 9 | Bihar | 2.3 | 1.5 | -35 | 7.8 | 10.4 | 34 | 102.8 | 74.2 | -28 | 7.1 | 1.0 | -85 | 119.9 | 87.2 | -27 | | | |
| 10 | East UP. | 2.9 | 3.4 | 18 | 3.2 | 8.0 | 152 | 89.8 | 47.2 | -47 | 5.3 | 1.2 | -77 | 101.1 | 59.8 | -41 | | | |
| 11 | West UP. | 3.3 | 3.9 | 17 | 2.9 | 9.6 | 230 | 76.9 | 44.0 | -43 | 4.5 | 0.9 | -80 | 87.7 | 58.4 | -33 | | | |
| 12 | Uttarakhand | 10.6 | 11.7 | 10 | 15.6 | 22.2 | 42 | 122.9 | 88.2 | -28 | 6.4 | 1.8 | -73 | 155.6 | 123.8 | -20 | | | |
| 13 | Haryana, Chd., and Delhi | 3.3 | 1.9 | -43 | 3.4 | 11.5 | 237 | 46.6 | 29.6 | -37 | 1.9 | 0.6 | -69 | 55.3 | 43.6 | -21 | | | |
| 14 | Punjab | 5.0 | 4.9 | -1 | 5.4 | 11.5 | 115 | 49.2 | 33.6 | -32 | 2.5 | 1.0 | -61 | 62.0 | 51.0 | -18 | | | |
| 15 | Himachal Pradesh | 19.6 | 21.3 | 9 | 24.5 | 30.2 | 23 | 82.5 | 63.8 | -23 | 5.2 | 2.5 | -51 | 131.7 | 117.8 | -11 | | | |
| 16 | Jammu & Kashmir | 21.3 | 21.5 | 1 | 32.6 | 57.9 | 78 | 53.5 | 61.4 | 15 | 5.5 | 12.3 | 123 | 112.9 | 153.1 | 36 | | | |
| 17 | West Rajasthan | 0.7 | 0.2 | -70 | 1.9 | 7.1 | 269 | 26.3 | 38.4 | 46 | 0.7 | 0.1 | -82 | 29.6 | 45.8 | 54 | | | |
| 18 | East Rajasthan | 1.1 | 1.2 | 13 | 1.7 | 7.5 | 333 | 61.6 | 55.7 | -10 | 2.1 | 0.6 | -73 | 66.4 | 64.9 | -2 | | | |
| 19 | West Madhya Pradesh | 1.4 | 4.6 | 238 | 1.4 | 6.9 | 414 | 87.6 | 91.5 | 4 | 4.0 | 1.1 | -72 | 94.3 | 104.1 | 10 | | | |
| 20 | East MP | 3.5 | 4.8 | 37 | 2.5 | 10.6 | 321 | 105.1 | 74.5 | -29 | 4.3 | 3.9 | -8 | 115.4 | 93.8 | -19 | | | |
| 21 | Gujarat Region | 0.1 | 0.2 | 77 | 0.6 | 1.4 | 114 | 90.1 | 65.9 | -27 | 2.9 | 0.2 | -92 | 93.7 | 67.7 | -28 | | | |

(Contd.)

| S. No. | Meteorological Sub-Divisions | Total Rainfall in Winter-2015 | | | | Total Rainfall in Pre-Monsoon-2015 | | | | Total Rainfall in Monsoon-2015 | | | | Total Rainfall in Post-Monsoon-2015 | | | | Total Rainfall in Year 2015 (January To 18th November) | | | |
|----------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------------|-------------------------------|-------------------------------|-------------------------------|--|--|--|--|
| | | Normal Deviation (CMS) (%) | Actual Deviation (CMS) (%) | Normal Deviation (CMS) (%) | Actual Deviation (CMS) (%) | Normal Deviation (CMS) (%) | Actual Deviation (CMS) (%) | Normal Deviation (CMS) (%) | Actual Deviation (CMS) (%) | Normal Deviation (CMS) (%) | Actual Deviation (CMS) (%) | Normal Deviation (CMS) (%) | Actual Deviation (CMS) (%) | Normal Deviation (CMS) (%) | Actual Deviation (CMS) (%) | Normal Deviation (CMS) (%) | Actual Deviation (CMS) (%) | | | | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) | (17) | | | | | |
| 22 | Saurashtra, Kutch & Diu | 0.1 | 0.1 | 95 | 0.4 | 0.8 | 110 | 47.4 | 50.3 | 6 | 2.6 | 0.4 | -83 | 50.4 | 51.6 | 3 | | | | | |
| 23 | Konkan & Goa | 0.0 | 0.2 | 517 | 3.7 | 5.2 | 39 | 291.4 | 200.5 | -31 | 13.7 | 10.6 | -23 | 308.9 | 216.5 | -30 | | | | | |
| 24 | Madhya Maharashtra | 0.2 | 0.2 | 14 | 3.8 | 7.6 | 100 | 72.9 | 48.8 | -33 | 9.3 | 4.9 | -48 | 86.2 | 61.5 | -29 | | | | | |
| 25 | Marathawada | 0.7 | 1.2 | 72 | 3.0 | 8.4 | 177 | 68.3 | 41.2 | -40 | 8.5 | 2.0 | -77 | 80.5 | 52.7 | -34 | | | | | |
| 26 | Vidarbha | 1.7 | 3.1 | 80 | 3.1 | 10.7 | 248 | 95.5 | 84.8 | -11 | 6.6 | 0.7 | -89 | 106.9 | 99.4 | -7 | | | | | |
| 27 | Chhattisgarh | 2.1 | 1.1 | -48 | 4.5 | 7.1 | 58 | 114.7 | 101.0 | -12 | 6.7 | 1.9 | -72 | 128.1 | 111.1 | -13 | | | | | |
| 28 | Coastal Andhra Pradesh | 1.9 | 0.2 | -88 | 9.7 | 6.5 | -33 | 58.1 | 64.2 | 10 | 26.9 | 21.5 | -20 | 96.6 | 92.4 | -4 | | | | | |
| 29 | Telangana | 1.1 | 1.2 | 8 | 5.7 | 10.9 | 92 | 75.5 | 60.1 | -20 | 10.9 | 2.4 | -78 | 93.2 | 74.6 | -20 | | | | | |
| 30 | Rajasicema | 0.7 | 0.1 | -79 | 8.2 | 12.6 | 54 | 39.8 | 35.8 | -10 | 17.8 | 29.1 | 64 | 66.4 | 77.7 | 17 | | | | | |
| 31 | Tamil Nadu & Pondicherry | 31 | 1.1 | -66 | 12.8 | 24.3 | 90 | 31.7 | 28.6 | -10 | 29.8 | 39.0 | 31 | 77.4 | 93.0 | 20 | | | | | |
| 32 | Coastal Karnataka | 0.1 | 0.2 | 120 | 17.9 | 20.7 | 16 | 308.4 | 228.5 | -26 | 23.4 | 23.9 | 2 | 349.8 | 273.2 | -22 | | | | | |
| 33 | North Interior Karnataka | 0.4 | 0.2 | -39 | 8.5 | 12.5 | 47 | 50.6 | 35.7 | -29 | 13.3 | 6.3 | -52 | 72.8 | 54.8 | -25 | | | | | |
| 34 | South Interior Karnataka | 0.4 | 0.2 | -55 | 14.5 | 23.3 | 60 | 66.0 | 60.7 | -8 | 18.4 | 21.6 | 18 | 99.3 | 105.8 | 7 | | | | | |
| 35 | Kerala | 2.4 | 0.8 | -67 | 38.0 | 46.5 | 22 | 204.0 | 151.5 | -26 | 40.7 | 48.3 | 19 | 285.1 | 247.1 | -13 | | | | | |
| 36 | Lakshadweep | 3.6 | 0.3 | -93 | 23.2 | 24.4 | 5 | 99.9 | 86.1 | -14 | 23.9 | 27.5 | 15 | 150.5 | 138.2 | -8 | | | | | |
| All-India (Area Weighted) | | 4.1 | 3.8 | -9 | 13.2 | 18.2 | 38 | 88.8 | 76.1 | -14 | 10.1 | 7.2 | -28 | 116.1 | 105.2 | -9 | | | | | |
| Winter- (January - February) | | Pre-Monsoon (March - May) | | | | Monsoon - (June - September) | | | | Monsoon - (June - September) | | | | Post-Monsoon - (October - December) | | | | | | | |

Source: Directorate of Economics and Statistics, DAC&FW
* - upto 18th November, 2015

Table 20.6: Brief History of Most Intense Cyclones from 1970-2014

| S. No. | Name of Cyclone | Date and Year | Intensity (T-Number) | Observed/ Estimated Max. Wind | Damage |
|--------------------------------|---|-------------------------------|-------------------------------|-------------------------------|---|
| (1) | (2) | (3) | (4) | (5) | (6) |
| I. Over the Arabian Sea | | | | | |
| 1 | Severe Cyclonic Storm over the Arabian sea | October 19-24 1975 | N/A | 180 Knots 74 Kmph | 85 people died in the districts of Junagadh, Jamnagar and Rajkot of Gujarat state. This cyclone caused considerable damage estimated to be about ₹ 75 Crores. |
| 2 | Severe Cyclonic Storm over the Arabian sea | May 31 - June 5 1976 | N/A | 90 Knots 167 Kmph | This cyclone caused damage which was estimated to be about ₹ 3 Crores. 4 Burges each containing ₹ 5 lakh and 6 fishing boats were swept away. Mahasana, Bhavnagar, Kaira, Panchmahal, Rajkot and Bharoch districts of Gujarat state were most affected areas. |
| 3 | Severe Cyclonic Storm over the Arabian sea | November 13 - 23 1977 | T 5.5 (As per US satellite) | 90 Knots 167 Kmph | Kerala and Lakshadweep were most affected areas due to this storm. People killed - 72, Houses damaged -8400 and 620 fishing vessels damaged in Kerala coast. Total loss was estimated to be about ₹10 crores. |
| 4 | Gujarat Cyclone | November 5 - 13 1978 | N/A | 278 Kmph | Damage to property reported. |
| 5 | Severe Cyclonic Storm over the Arabian sea | October 28 - November 3, 1981 | T - 4.0 (as per US satellite) | 65 Knots 120 Kmph | Junagadh, Rajkot and Jamnagar of Gujarat state were most affected areas. Total loss of damage to property was estimated to be about ₹52 Crores. |
| 6 | Severe Cyclonic Storm over the Arabian sea | November 4-9, 1982 | N/A | N/A | Saurashtra Coast of Gujarat about 45 km east of Veraval was affected very much by this storm. 507 people died and 1.5 lakh livestock perished. |
| 7 | Severe Cyclonic Storm over the Arabian sea | November 4-9, 1982 | T- 4.0 | 50 Knots 93 Kmph | 50 fishermen were reported missing in Gujarat Coast. |
| 8 | Severe Cyclonic Storm over the Arabian sea | June 17-20, 1996 | T-3.5 | 60 Knots 111 Kmph | 19 Districts of Gujarat State were affected. 33 people died. 27964 pucca houses were destroyed. Total estimated loss was ₹1803.521 lakh. |
| 9 | Severe Cyclonic Storm over the Arabian sea | October 23-28, 1996 | T-4.0 | 60 Knots 111 Kmph | As the system did not cross the coast no significant damage was reported. |
| 10 | Very severe Cyclonic Storm over the Arabian sea | June 4-10, 1998 | T-5.0 | 90 Knots 167 Kmph | Gujarat & Rajasthan states were affected. Porbander of Gujarat state was the most affected area. Loss incurred due to storm was estimated to be about ₹1855.38 Crores in Kandla. Number of lives lost 1173 and number of persons missing 1774 in Gujarat. |

(Contd.)

Table 20.6 (*Contd.*)

| S. No. | Name of Cyclone | Date and Year | Intensity (T-Number) | Observed/ Estimated Max. Wind | Damage |
|--------|---|------------------------------------|----------------------|-------------------------------|--|
| (1) | (2) | (3) | (4) | (5) | (6) |
| 11 | Very severe Cyclonic Storm over the Arabian sea | May 16-22, 1999 | T-5.5 | 55 Knots 102 Kmph | This system caused severe damage in Kutch and Jamnagar districts of Gujarat. 453 people died. Loss of property was estimated to be about ₹ 80 crores. In Rajasthan one person died and 5104 cattle heads perished. 5133 houses were partially damaged. |
| 12 | Severe Cyclonic Storm over Arabian sea | May 5-10, 2004 | 3.5 | Weakened over sea | Widespread damage caused at Lakshadweep. Several houses damaged due to wind, sea wave, falling of trees and floods. 45 houses, 35 boats and small mechanized cargo ships lost in sea near land. 16 boats reported sunk and cargo boat damaged. Sea erosion reported over Kerala and 9 people dead and 17 people missing. Total loss worth ₹ 30 crores. |
| 13 | Severe Cyclonic "Storm MUKDA" over Arabian sea | September 21-24,2006 | 3.5 | 55 Knots 102 Kmph | No damage as dissipated over the Arabian Sea. |
| 14 | Super cyclone "GONU" | 01-07 June 2007 | T-6.5 | 127 knots | The system crossed Makaran coast and hence there was no damage in India |
| 15 | Cyclonic storm "YEMYIN" | 25 - 26 June 2007 | T - 2.5 | 35 knots | The cyclone crossed Pakistan coast and hence there was no damage in India |
| 16 | Cyclonic Storm PHYAN (Arabian sea) | 9-12 Nov. 2009 | 3.0 | 45 Knots 83 Kmph | According to State Govt. and news agencies reports, it caused damage to lives, crops and properties in Goa and Konkan region especially in Ratnagiri, Sindhudurg, Raigarh and Thane districts. About 1000 houses damaged, seven persons died and about 44 fishermen missing |
| 17 | Cyclonic Storm WARD (Arabian sea) | 10-15 Dec 2009 | 3.0 | 45 Kts (83 Kmph) | No damage over India. |
| 18 | Cyclonic Storm Bandu | May 19 -23 2010 | 2.5 | 40 knots | |
| 19 | Cyclonic Storm Phet | May 31 - 07 June 2010 | 4.5 | 85 knots | |
| 20 | Cyclonic Storm "KEILA" | 29th October to 4th November, 2011 | T 2.5 | 35 kts (65 kmph) | No damages over India. |

(Contd.)

Table 20.6 (*Contd.*)

| S. No. | Name of Cyclone | Date and Year | Intensity (T-Number) | Observed/ Estimated Max. Wind | Damage |
|-----------------------------------|--------------------------------------|------------------------------------|----------------------|--|--|
| (1) | (2) | (3) | (4) | (5) | (6) |
| 21 | Cyclonic Storm “NANAUK” | 10th June to 14th June, 2014 | T 3.0 | 45 kts (83 kmph) | No damages over India. |
| 22 | Very severe Cyclonic Storm ‘NILOFAR’ | 25th October to 31st October, 2014 | T 5.5 | 110 kts (204 kmph) | No damages over India. |
| II. Over the Bay of Bengal | | | | | |
| 1 | Bangladesh (Chittagong) | November 12-13, 1970 | N/A | 224 Kmph | 30,00,000 people died |
| 2 | Balasore (Odisha) | October 26-31, 1971 | N/A | 185 Kmph | 10,000 people died and 1 million people rendered homeless. |
| 3 | Andhra Cyclone | November 14-20, 1977 | N/A | 259 Kmph | 8547 People died. Strom surge height 5 m. |
| 4 | Sri Harikota (A.P.) | November 9-14, 1984 | T-6.0 | 213 Kmph | 604 people died. |
| 5 | Indo-Bangladesh Border | November 24-30, 1988 | T-6.0 | 213 Kmph | 2000 people died. 6000 people missing in Bangladesh. |
| 6 | Kavali (A.P.) | November 1-9, 1989 | T-6.5 | 235 Kmph | 69 people died. |
| 7 | Machilipatnam (A.P.) | May 4-9, 1990 | T-6.5 | 235 Kmph | 967 people died. |
| 8 | Bangladesh (Chittagong) | April 25-30, 1991 | T-6.5 | 235 Kmph | 1,38,882 people died. 1,39,054 people injured. |
| 9 | Bangladesh (Teknaf) | April 24 - May 2, 1994 | T-6.0 | 215 Kmph | 184 people killed |
| 10 | Bangladesh (Teknaf) | May 15-19, 1997 | T-6.0 | 230 Kmph As reported by Bangladesh Met. Office | 155 people died. 9663 people injured. |

(Contd.)

Table 20.6 (*Contd.*)

| S. No. | Name of Cyclone | Date and Year | Intensity (T-Number) | Observed/ Estimated Max. Wind | Damage |
|--------|--|-----------------------|----------------------|-------------------------------|--|
| (1) | (2) | (3) | (4) | (5) | (6) |
| 11 | Gopalpur Cyclone (Odisha) | October 15-19, 1999 | T-5.0 | 170 Kmph | 198 people died. 402 persons injured. |
| 12 | Super Cyclone (Odisha) | October 25-31, 1999 | T-7.0 | 260 Kmph | 9887 people died. 129.22 lakh people affected. |
| 13 | Very severe Cyclonic Storm over the bay of Bengal. | November 26-30, 2000 | T-5.5 | 102 Knots 189 knph | The loss was mainly due to crop damage. Uprooting of big trees and partial damages to more than one thousand kuchha houses 30,000, Plantain trees and 50,000 Plantain saplings got destroyed and 30,000 trees were uprooted in Tamil Nadu state. In Puducherry two persons lost their lives. Damage to paddy crops, plantains, coconut plantation were the major losses in Puducherry. |
| 14 | Very severe Cyclonic Storm over the bay of Bengal | December 23-28, 2000 | T- 5.0 | 90 Knots 167 Kmph | Three districts of Tamil Nadu state were affected by this storm in the Ramathapuram district, 350 houses were damaged in Thirunelveli. Houses damaged - 318. In Tuticorn houses damaged-318, Fishing boats lost - 95, loss to crops - 281 hectares of paddy, 650 hectares of plantain and 80 hectares of betel destroyed. |
| 15 | Cyclonic Storm over Bay of Bengal | October 14-17, 2001 | 2.5 | 35 Knots 65 knph | 108 people dead, 21 people missing, damage to crops about 125000 Hectares and 55747 house damaged in Andhra Pradesh. |
| 16 | Severe Cyclonic Storm over Bay of Bengal | November 10-12, 2002 | 3.5 | 55 Knots 102 kmph | Two trawlers damaged and 18 people died in Odisha and another two trawlers missing. In West Bengal 2 people died. |
| 17 | Severe Cyclonic Storm over Bay of Bengal | December 11-16, 2003 | 3.5 | 55 Knots 102 kmph | 81 people dead in Andhra Pradesh, 1637 Building destroyed completely, 7453 Building partially damaged 61898.5 hectares of Agricultural land damaged. Loss of property to the tune of ₹ 23903.13 Lakh. No of villages electric failure are 2000 and telecommunication disruption are in 41 villages. |
| 18 | Cyclonic Storm "PYARR" over Bay of Bengal | September 17-21, 2005 | T-2.5 | 35 Knots 65 kmph | Damages reported in Andhra Pradesh are as follows Number of Human deaths -1 , Number of livestock died - 291, Buildings partly / completely destroyed - 12041, (estimated cost - 177.28 lakhs) , Crop loss - 4,82,188 hectares (estimated cost ₹ 627.74 lakhs) , Total loss estimated by Government - ₹ 5029.82 lakhs. |

(Contd.)

Table 20.6 (*Contd.*)

| S. No. | Name of Cyclone | Date and Year | Intensity (T-Number) | Observed/ Estimated Max. Wind | Damage |
|--------|--|--------------------------------|----------------------|---|---|
| (1) | (2) | (3) | (4) | (5) | (6) |
| 19 | Cyclonic storm “BAAZ” over Bay of Bengal | November 28- December-02, 2005 | T-3.0 | 45 Knots 83 Kmph | According to press reports, heavy rain caused floods in Nellore, Chittoor and Cuddappah districts of Andhra Pradesh. Number of deaths - 11 (Nellore), Chittoor 3 Cuddappah 1, Number of tanks breached - 27 (Nellore district), Many villages were reported to be marooned in the above districts. |
| 20 | The Very Severe Cyclonic Storm “Mala” over the Bay of Bengal | May 25- 30, 2006 | 5.5 | 100 Knots 185 Kmph | It crossed the coast of Myanmar and hence there was no damage in India. |
| 21 | Cyclonic Storm “OGNI” over Bay of Bengal | October 29-30, 2006 | 2.5 | 35 Knots 65 Kmph | Andhra Pradesh Loss of life: 24 Livestock:3,61,553 Loss of crops:1,99,986 acres Villages submerged : 900 Damage to houses (fully) : 26,853 Damage to houses (partly): 73,218 Total loss : ₹ 21,601 lakhs. |
| 22 | Cyclonic storm “AKASH” | 13-15 May 2007 | T- 6.0 | 115 knots | The system crossed Bangladesh coast and hence there was no damage in India |
| 23 | Very severe cyclonic storm “SIDR” | 11 - 16 November 2007 | T - 6.0 | 115 knots | The system crossed Bangladesh coast .However, one person died. 46 Villages and thousands of people were affected in west Bengal. Crops were damaged in thousands of hectares of land. There was disruption of electricity supply in the coastal belt of West Bengal due to breaking of dam over Bidyadhari river.Extensive areas were flooded near Gajikhal and Kheeghat. Some houses were partially/totally damaged in Mizoram. Shillong road was also affected at several places. |
| 24 | Nargis | 27th April to 3rd May 2008 | T - 5.0 | Estimated 90 kts/167kmph (As per news paper 190 kmph) | As the system moved away from Indian coast there was no damage reported from India. |

(Contd.)

Table 20.6 (*Contd.*)

| S. No. | Name of Cyclone | Date and Year | Intensity (I-Number) | Observed/ Estimated Max. Wind | Damage |
|--------|--------------------------------------|-------------------------------------|----------------------|-------------------------------|--|
| (1) | (2) | (3) | (4) | (5) | (6) |
| 25 | Rashmi | 25th to 27th October 2008 | T - 3.0 | 50 Knots 93 Kmph | Significant damage was reported over northeastern states. Numbers of human death wear 5 from Meghalaya and 8 from Arunachal Pradesh. The death was due to landslide caused by incessant rain along with strong wind. One person was washed away by surging water of the wahumkhirah river. Incessant rain and wind uprooted most of the electric posts in shillong. According to Assam electricity Board the uprooted trees snapped trees snapped the power supply lines causing damage to power transmission. Due to severe thunder squall and continuous heavy rain, vast areas of Tawang and Bomdila of west Arunachal Pradesh were lashed in the night hours of 27-28th Oct. causing disruption of road and other communications. Several road bridges were broken down and a number of dwelling houses have been devastated besides injury to many persons. |
| 26 | Khaimuk | 13th November to 16th November 2008 | T - 2.5 | 40 Knots 74 Kmph | Major erosion of coast seen at Uppadancar Kakinada. In many areas in East & West Godavari and Krishna districts, paddy fields got inundated. Twenty one country boats washed off in the sea off konapapapeta in kothapalli manda of East Godavari. A big ship was carried away by the waves along the Wakalapudi beach near laknada of East Godavari district. Many boats and fishing nets wear swept off in the areas adjoining Wakadu, Alluru, Mypad,Gangapatnam in Nellore district. |
| 27 | Nisha | 25th to 27th November, 2008 | T - 3.0 | 45 Knots 83 Kmph | As per the Tamil Nadu Govt. Revenue site, loss of life wear 78 over the state during 24th to 28th November,2008 As per media reports 8 lakhs acres of paddy crops in Nagapattinam, Thanjavur and Tiruvarur (delta) districts and 55.250 hectares of paddy in cuddalore district were submerged due to heavy rain. Andhra Pradesh: Chittur, Nellore and Prakasam districts of south coastal Andhra Pradesh were affected by heavy rain/ strong, 3.63 lakh hectares of crop were damaged. The heavy rain led to floods in south coastal Andhra Pradesh districts. |
| 28 | Cyclonic Storm BIJLI (Bay of Bengal) | 14-17 April 2009 | 2.5 | 40 Knots 74 Kmph | No damage over India. |

(Contd.)

Table 20.6 (*Contd.*)

| S. No. | Name of Cyclone | Date and Year | Intensity (T-Number) | Observed/ Estimated Max. Wind | Damage |
|--------|--|----------------------------|----------------------|-------------------------------|---|
| (1) | (2) | (3) | (4) | (5) | (6) |
| 29 | Severe Cyclonic Storm AILA (Bay of Bengal) | 23-26 May 2009 | 3.5 | 60 Knots 112 Kmph | According to West Bengal state Government, number of people affected by storm was about 2.2 million. More than 6,1000 houses were collapsed and more than 1,32,000 houses were partially damaged. About 100 people died in the state. In Odisha Numerous trees were uprooted and power lines were down. High waves produced by the storm inundated coastal villages, forcing residents to evacuate to safer places. However there was no report of human death in the state. An estimated 1,000 acres of cropland were affected. In Meghalaya several houses were damaged, power supply was disrupted and many areas were flooded. |
| 30 | Cyclonic Storm "Aila" over Bay of Bengal | 17 - 21 May, 2010 | 3.5 | 55 knots | |
| 31 | Cyclonic Storm "Giri" over Bay of Bengal | 20 - 23 October, 2010 | 5.5 | 105 knots | |
| 32 | Cyclonic Storm 'jal' over Bay of Bengal | 04 - 07 November, 2010 | 3.5 | 60 knots | |
| 33 | Very Severe Cyclonic Storm "THANE" | 25th - 31st December, 2011 | T 4.5 | 75 kts (139 kmph) | 46 persons died in Tamil Nadu and Puducherry. 793 trees, electric posts were uprooted. Around 6000 persons in these areas were shifted to shelters. In Puducherry the storm has caused considerable loss to the Tourism Industry. About 73292 thatched houses were partially damaged and 94633 houses were fully damaged by wind and rain. Paddy crop in 58,200 hectares; sugarcane in 5,752; groundnut in 1,402; black gram in 945; coconut in 490 hectares were damaged in the entire cyclone affected areas. In horticultural sector, cashew in 23,500 hectares; banana plantation in 2,860; Jackfruit in 340; vegetables in 320; Mango trees in 317; Guava in 270; flowers in 250; betel nuts in 128; tuber in 73; amla in 12 hectares were damaged. In Cuddalore district alone 4500 electric poles, 4500 transformer, 27 electric towers were damaged. Electric wire in 10,500 Km length was damaged. The damages are worked out to be ₹ 1300 to 1500 crores. |

(Contd.)

Table 20.6 (*Contd.*)

| S. No. | Name of Cyclone | Date and Year | Intensity (T-Number) | Observed/ Estimated Max. Wind | Damage |
|--------|--|-----------------------------------|----------------------|-------------------------------|---|
| (1) | (2) | (3) | (4) | (5) | (6) |
| 34 | Cyclone Storm MURJAN | 23rd - 26th Oct-12 | T2.5 | 40 Knots (75 kmph) | No damage over India |
| 35 | Cyclonic Storm ‘Vijayaru’ | 10-16 May 2013 | T-3.0 | 45 Knots (83 kmph) | No damage over India Basin (Name of the coast of landfall) |
| 36 | Very Severe Cyclonic Storm (VSCS) 'PHAILIN' over the Bay of Bengal | 08-14 Oct. 2013 | T-6.0 | 115 knot (213 kmph) | Crossed Andaman & Nicobar near Maya Bandar between 0700-0800 UTC of 9 October as DD and later the VSCS crossed Odisha & adjoining north Andhra Pradesh coast near Gopalpur around 1700 UTC near 19.20N and 84.90E |
| 37 | Bengal NILAM | 28th October to 1st November 2013 | T-3.0 | 45 Knots (85 kmph) | No damage over India |
| 38 | Severe Cyclonic Storm 'Helen' over Bay of Bengal | 19-23 Nov 2013 | T-3.5 | 55 knot (102 kmph) | Crossed Andhra Pradesh coast close to south of Machilipatnam near 16.10N/81.20E between 0800-0900UTC |
| 39 | Very Severe Cyclonic Storm VSCS 'Lehar' | 23-28 Nov. 2013 | T-4.0 | 75 knot (139 kmph) | Crossed Andaman & Nicobar island, south of Port Blair at around 0100 UTC of 25 November and later Andhra Pradesh close to north of Machilipatnam near 15.90N/81.10 E 0830 UTC of 27 Nov., 2013 as a depression around |
| 40 | Very Severe Cyclonic Storm VSCS 'Madi' | 06-13 Dec.2013 | T-4.0 | 65 knot (120 kmph) | Crossed Tamil Nadu coast near Vedaranyam around 1330 UTC and emerged into Palk straight and again crossed Tamil Nadu coast near Tondi around 1700 UTC of 12 Dec.2013 |
| 41 | Very severe Cyclonic Storm 'HUDHUD' | 7th October to 14th October, 2014 | T 5.0 | 100 knot (185 kmph) | The System crossed Andhra Pradesh coast over Visakhapatnam and moved across south coast of Odisha. Maximum damage was reported over Andhra Pradesh followed by Odisha. |

Source: Ministry of Home Affairs, Government of India.

* Damage due to cyclone may be obtained from concerned states and National Disaster Management,

21

Conversion Factors between Important Primary and Secondary Agricultural Commodities

Table 21 : Conversion Factors between Important Primary and Secondary Agricultural Commodities

| Commodity | Conversion Factor |
|----------------------------------|---|
| (1) | (2) |
| Rice (Cleaned) Production | 2/3 of Paddy Production |
| Cotton | |
| Cotton Lint Production | 1/3 of Kapas Production |
| Cotton Seed Production | 2/3 of Kapas Production |
| | 2 Times of Cotton Lint Production |
| Jute | |
| 100 Yards of Hessian | 54 lbs. of Raw Jute |
| 4148 Yards of Hessian | 1 Ton of Raw Jute |
| | 5.55 Bales of Raw Jute (of 180 Kgs. Each) |
| 1 Ton of Sacking | 1.11 Tons of Raw Jute |
| | 6.17 Bales of Raw Jute (of 180 Kgs. Each) |
| 1 Ton of Hessian | 1.05 Tons of Raw Jute |
| Sacking etc. | 5.85 Bales of Raw Jute (of 180 Kgs. Each) |
| Groundnut | |
| Kernel to Nuts in Shell | 70 Percent |
| Oil to Nuts in Shell | 28 Percent |
| Oil to Kernels Crushed | 40 Percent |
| Cake to Kernels Crushed | 60 Percent |
| Sesamum | |
| Oil to Seeds Crushed | 40 Percent |
| Cake to Seeds Crushed | 60 Percent |
| Rapeseed and Mustard | |
| Oil to Seeds Crushed | 33 Percent |
| Cake to Seeds Crushed | 67 Percent |
| Linseed | |
| Oil to seeds Crushed | 33 Percent |
| Cake to Seeds Crushed | 67 Percent |
| Castorseed | |
| Oil to Seeds Crushed | 37 Percent |
| Cake to Seeds Crushed | 63 Percent |
| Cotton Seed | |
| Oil to Seeds Crushed | 14 to 18 Percent |
| Cake to Seeds Crushed | 82 to 86 Percent |
| Coconut | |
| Copra to Nuts | One Ton of Copra = 6773 Nuts |
| Oil to Copra Crushed | 62 Percent |
| Cake to Copra Crushed | 38 Percent |
| Nigerseed | |
| Oil to Seeds Crushed | 28 Percent |
| Cake to Seeds Crushed | 72 Percent |

(Contd.)

Table 21 (*Contd.*)

| Commodity | Conversion Factor |
|--|--------------------------------|
| (1) | (2) |
| Kardi Seed | |
| Oil to Seeds Crushed | 40 Percent |
| Cake to Seeds Crushed | 60 Percent |
| Mahua Seed | |
| Oil to Seeds Crushed | 36 Percent |
| Cake to Seeds Crushed | 64 Percent |
| Neem Seed | |
| Oil to Kernels Crushed | 45 to 50 Percent |
| Cake to Kernels Crushed | 50 to 55 Percent |
| Soybean Seed | |
| Oil to Soyabean Seed Crushed | 18 Percent |
| Meal to Soyabean Seed Crushed | 73 Percent |
| Hull from Soyabean Seed Crushed | 8 Percent |
| Wastage from Soyabean Seed Crushed | 1 Percent |
| Sugar | |
| Gur from Cane Crushed | 11.20 Percent to 11.50 Percent |
| Crystal Sugar from Gur Refined (Gur Refineries) | 62.5 Percent |
| Crystal Sugar from Cane Crushed (Cane Factories) | 10.20 Percent |
| Khandasari Sugar (Sulpher and Non-sulpher) from standard Gur Refined | 46 Percent |
| Molasses from Cane Crushed | 4.0 Percent to 4.5 Percent |
| Cane - Trash* from Cane Harvested | 8.0 Percent to 12.0 Percent |
| Lac | |
| Seed Lac | 66.0 Percent of Stick Lac |
| Shell Lac | 57.4 Percent of Stick Lac |
| Cashewnut | |
| Cashew Kernel | 25 Percent of Cashewnuts |

* This consists of leaves and portion of the top of stalk which are removed from the canestalk, while harvesting and before sending the cane for milling.

22: List of Studies Conducted by Agro-Economic Research Centres

| 2010-11 | | |
|----------------|--|--------------------|
| 1. | Organic input Production & Marketing in India – Efficiency , Issues & Policies – | CMA, Ahmadabad |
| 2. | Assessing Policy Interventions in Agri—business and Allied Sector Credit versus Credit Plus Approach for Livelihood Promotion Proposed / Cord. by- CMA, Coverage- Gujarat, AP Centers- V.V. Nagar, Waltair | CMA, Ahmadabad |
| 3 | Determinants of stagnation in Productivity of Important Crops in Karnataka | ADRT, Bangalore |
| 4 | Studies of Tanks in Watershed Development Area in Karnataka | ADRT, Bangalore |
| 5 | Consolidated study-Evaluation of PM's Package for Rehabilitation of Farmers in Suicide Prone States Proposed By: Credit Division ,Coverage- AP, Karnataka, Kerala and Maharashtra | ADRT, Bangalore |
| 6 | Production, Market Structure and the Role of Govt. Policy : Foodgrains in the New Economy (Proposed by the IEG). | IEG, Delhi |
| 7 | Policy analysis for Increasing Rural Non -Farm Employment for farm households in India (FAO Study , not in work plan) | IEG, Delhi |
| 8 | Market Access and Constraints in Goat Marketing and Their Products in Uttar Pradesh | Allahabad |
| 9 | Management of Water Logged Areas in Uttar Pradesh – Proposed by the Centre). – copy to be obtained. | Allahabad |

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| 10 | The Impact of Macro Management of Agriculture Scheme. | Allahabad |
| 11 | Impact of NREGA on wage rates, cost of production, food Security and Rural Urban Migration, in Bihar . | Bhagalpur |
| 12 | Impact of emerging marketing channels in agricultural marketing---benefit to producer-sellers and marketing costs and margins of major agricultural commodities in Bihar and Jharkhand | Bhagalpur |
| 13 | Possibilities and Constraints in Increasing Pulses Production in Bihar and the Impact of National Food Security Mission on Pulses” | Bhagalpur |
| 14 | The Impact of Macro Management of Agriculture Scheme. | Bhagalpur |
| 15 | The Impact of Macro Management of Agriculture Scheme. (Coordinator – ADRT, Bangalore)- Proposed by Macro Management Division of the Ministry. | Chennai |
| 16 | Irrigated Agriculture (Pattern and Scope for Diversification in Tamil Nadu (Proposed by the Centre). | Chennai |
| 17 | Evaluation of PM's Package for Rehabilitation of Farmers in Suicide Prone States- Kerla, Proposed by Credit Division , Cord -ISEC Bangalore | Chennai |
| 18 | Market Access and Constraints in Marketing of Goats and Their Products (Coordinator-AERC, Allahabad). | Jabalpur |
| 19 | The Impact of Macro Management of Agriculture Scheme. (Coordinator – ADRT, Bangalore)- Proposed by Macro Management Division of the Ministry. | Jabalpur |
| 20 | Impact of emerging marketing channels in Agricultural Marketing – Benefit to Producer – Seller & Marketing Costs and Margins of Agricultural Commodities. | Jabalpur |
| 21 | The Impact of Macro Management of Agriculture Scheme. (Coordinator – ADRT, Bangalore)- Proposed by Macro Management Division of the Ministry. | Jorhat |
| 22 | An Evaluation of Impact of Macro Management of Agriculture in Punjab | Ludhiana |
| 23 | Estimating Infrastructural , institutional and organizational requirements of promoting High Value Chain Analysis for Promoting High Value Crops (HVCs) in Punjab State | Ludhiana |
| 24 | Determinants/Trends in Productivity in important crops(Proposed by DAC)- Coordinator, ADRT, Bangalore). | Ludhiana |
| 25 | An Evaluation Study of Prime Minister's Rehabilitation Package for Farmers in Suicide Prone Districts of Kerala | Pune |
| 26 | Determinants of stagnation in Productivity of Important Crops in Maharashtra | Pune |
| 27 | Market Access and Constraints in Goat Marketing and Their Products in Maharashtra | Pune |
| 28 | Impact of emerging marketing channels in Agricultural Marketing – Benefit to producer – seller & Marketing Costs and Margins of Agricultural Commodities. | Pune |
| 29 | Possibilities and Constraints for increasing the Production of Pulses in India; and Impact of National Food Security Mission on Pulses. | Pune |
| 30 | Economics of Contract Broiler Farming in Maharashtra.. | Pune |
| 31 | Impact of NREGA on wage rates, cost of production, food Security and Rural Urban Migration, with all India coverage, | Pune |

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442 Agricultural Statistics at a glance 2015

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| 32 | Production & Marketing Problems of Mushrooms in Himachal.Prades | Shimla |
| 33 | Impact of emerging marketing channels in Agricultural Marketing – Benefit to producer – seller & Marketing Costs and Margins of Apple and Tomato in Himachal.Prades . | Shimla |
| 34 | Impact of NREGA on wage rates, cost of production, food Security and Rural Urban Migration, in Himachal.Prades . | Shimla |
| 35 | Possibilities and Constraints for increasing the Production of Pulses in India and Impact of National Food Security Mission on Pulses | Vallabh Vidyanagar |
| 36 | Determinants of Stagnation in Productivity in Important Crops in West. Bengal (Consolidated by ADRT, Bangalore). | Visva Bharati |
| 37 | Mid-Term Evaluation Studies of National Development for Rainfed Areas for Tenth Plan in West Bengal. | Visva Bharati |
| 38 | Mid-Term Evaluation Studies of National Development for Rainfed Areas for Tenth Plan (Consolidated) | Visva Bharati |
| 39 | Understanding the Growth & Prospects of Agro-Processing Industries. Coordinated Report based on the study reports of AERC,Visva-Bharati, Bhagalpur and Pune. | Visva Bharati |
| 40 | Hulling and Milling Ratio in major Paddy growing states-for West.Bengal | Visva Bharati |
| 41 | Trends in Productivity in Important Crops. | Visva Bharati |
| 42 | Impact of Aquaculture on Agriculture Production, Rural Employment and Environment -A Study in Andhra.Prades(for Odisha- Completed during 2008-09) | Waltair |
| 43 | Estimation of Total Production of Broiler Meat and its Costing in Andhra Pradesh - (Suggested by Deptt. of AH&D-Coordinated Report). | Waltair |
| 44 | An Evaluation Study of Prime Minister's Rehabilitation Package for Farmers in Suicide Prone Districts of Andhra Pradesh | Waltair |
| 45 | for ADRT , Bangalore, Study on Determinants of stagnation in productivity of important crops. (Allotted during 2008-09). - Secondary data | Waltair |
| 46 | Impact of emerging marketing channels in Agricultural Marketing – Benefit to producer – seller & Marketing Costs and Margins of Agricultural Commodities of Andhra Pradesh, Cord. By – IEG | Waltair |

2011-12

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|---|---|-----------------|
| 1 | Capacity Building for Improving Trade Competitiveness and Price Realization of Indian Agriculture. | CMA, Ahmedabad |
| 2 | Impact of NREGA on wage rates, cost of production, food Security and Rural Urban Migration of Karnataka | ADRT, Bangalore |
| 3 | Impact Study of the National Horticulture Mission (NHM) Scheme in Karnataka | ADRT, Bangalore |
| 4 | State Budgetary Resources and Agriculture Development (Consolidated Report). | ADRT, Bangalore |

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List of Studies Conducted by Agro-Economic Research Centres 443

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|----|--|-----------------------|
| 5 | Impact of Macro Management of Agriculture Scheme. (Consolidated Report) | ADRT, Bangalore |
| 6 | Role of Climate Change & Agricultural Performance. Proposed by- IEG , Delhi | IEG, Delhi |
| 7 | Possibilities and Constraints increasing the production of pulses in India; and the Impact of National Food Security Mission on Pulses | IEG, Delhi |
| 8 | Impact of emerging marketing channels in Agricultural Marketing – Benefit to producer – seller & Marketing Costs and Margins of Agricultural Commodities. | IEG, Delhi |
| 9 | Market Access and Constraints in Marketing of Goats and Their Products (Consolidated) | Allahabad |
| 10 | Possibilities and Constraints for increasing the Production of Pulses in India and Impact of National Food Security Mission on Pulses in U.P. | Allahabad |
| 11 | Impact of emerging marketing channels in Agricultural Marketing – Benefit to producer – seller & Marketing Costs and Margins of Agricultural Commodities. | Allahabad |
| 12 | Impact of NREGA on wage rates, cost of production, food Security and Rural Urban Migration, at Kerala . | Chennai |
| 13 | Possibilities and Constraints for increasing the Production of Pulses in India and Impact of National Food Security Mission on Pulses in Haryana. | Delhi |
| 14 | Impact Study of the National Horticulture Mission (NHM) Scheme. | Delhi |
| 15 | Impact of NREGA on wage rates, cost of production, food Security and Rural Urban Migration, | Delhi |
| 16 | Economics of fodder cultivation & its processing and marketing. | Jabalpur |
| 17 | Potential & prospects of Rabi cultivation in Assam. | Jorhat |
| 18 | Impact of emerging marketing channels in Agricultural Marketing – Benefit to producer – seller & Marketing Costs and Margins of Agricultural Commodities in Assam. | Jorhat |
| 19 | Impact of NREGA on wage rates, cost of production, food Security and Rural Urban Migration in Assam, | Jorhat |
| 20 | Economics of fodder cultivation & its processing and marketing in Punjab. | Ludhiana |
| 21 | Impact of NREGA on wage rates, cost of production, food Security and Rural Urban Migration of in Punjab. | Ludhiana |
| 22 | Impact of NREGA on wage rates, cost of production, food Security and Rural Urban Migration, with all India coverage in Rajasthan and Gujarat | Vallabh Vidyanagar |

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| 23 | Impact Study of the National Horticulture Mission (NHM) Scheme in Rajasthan | Vallabh Vidyanagar |
| 24 | Mid-Term Evaluation Studies of National Watershed Development for Rain fed Areas during Tenth Plan | Vallabh Vidyanagar |
| 25 | Study report on Evaluation Studies of National Watershed Development for Rainfed Areas during Tenth Plan. | Vallabh Vidyanagar |
| 26 | Economics of production processing and marketing of fodder crops in Gujarat. | Vallabh Vidyanagar |
| 27 | Impact and Constraints Evaluation of Organic Farming at Household Level. | Visva Bharati |
| 28 | Impact Study of the National Horticulture Mission (NHM) Scheme in West.Bengal. | Visva Bharati |
| 29 | Impact of emerging marketing channels in Agricultural Marketing – Benefit to producer – seller & Marketing Costs and Margins of Agricultural Commodities in West.Bengal. | Visva Bharati |
| 30 | Impact of NREGA on wage rates, cost of production, food Security and Rural Urban Migration in West.Bengal. | Visva Bharati |
| 31 | Possibilities and Constraints for increasing the Production of Pulses in India and Impact of National Food Security Mission on Pulses in Andhra. Pradesh. | Waltair |
| 32 | The Impact of Macro Management of Agriculture Scheme in Andhra. Pradesh | Waltair |

2012-13

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| 1 | Economics of fodder cultivation & its processing and marketing in Karnataka | ADRT, Bangalore |
| 2 | Hulling and Milling Ratio in major Paddy growing states-Karnataka | ADRT, Bangalore |
| 3 | Market Integration of Major Agricultural Markets in Karnataka | ADRT, Bangalore |
| 4 | Hulling and Milling Ratio in major Paddy growing states-All India (Consolidated) | ADRT, Bangalore |
| 5 | Impact of NREGA on age Rates, Food Security and Rural Urban Migration with All-India Coverage'(Consolidated) | ADRT, Bangalore |
| 6 | Prospects of Crop Diversification in the States of Punjab & Haryana - (Suggested by CACP). | IEG, Delhi |
| 7 | Producers companies in India: Ownership, management structure, performances and impact on small producers. | IEG, Delhi |
| 8 | Impact of NREGA on wage rates, cost of production, food Security and Rural Urban Migration in U.P. | Allahabad |
| 9 | End-term Evaluation Study/Appraisal in respect of the Implementation of the Bringing Green Revolution to Eastern India (BGREI) Program | Allahabad |

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| 10 | Spread of new varieties of hybrid rice and their impact on the overall production and productivity in Uttar Pradesh. | Allahabad |
| 11 | Problems and Prospects of Katarni Paddy Production in Bihar. | Bhagalpur |
| 12 | Impact Study of the National Horticulture Mission (NHM) Scheme in Bihar | Bhagalpur |
| 13 | End-term Evaluation Study/Appraisal in respect of the Implementation of the Bringing Green Revolution to Eastern India (BGREI) Program | Bhagalpur |
| 14 | Impact Study of the National Horticulture Mission (NHM) Scheme in Tamil Nadu | Chennai |
| 15 | Impact of emerging marketing channels in Agricultural Marketing – Benefit to producer in Haryana | IEG, Delhi |
| 16 | End-term Evaluation Study/Appraisal in respect of the Implementation of the Bringing Green Revolution to Eastern India (BGREI) Program | Jabalpur |
| 17 | Possibilities and Constraints in increasing the production of pulses in India; and the Impact of National Food Security Mission on Pulses | Jabalpur |
| 18 | Impact of NREGA on wage rates, cost of production, food Security and Rural Urban Migration in Madhya Pradesh and Chhattisgarh | Jabalpur |
| 19 | Impact study of soil testing analysis in the states of Madhya Pradesh | Jabalpur |
| 20 | (1) Hulling and Milling Ratio in major Paddy Madhya Pradesh. (2) Hulling and Milling Ratio for Paddy in Chhattisgarh | Jabalpur |
| 21 | Spread of new varieties of hybrid rice and their impact on the overall production and productivity in Madhya Pradesh | Jabalpur |
| 22 | End-term Evaluation Study/Appraisal in respect of the Implementation of the Bringing Green Revolution to Eastern India (BGREI) Program | Jorhat |
| 23 | Possibilities and Constraints in increasing the production of pulses in India; and the Impact of National Food Security Mission on Pulses. | Ludhiana |
| 24 | Hulling and Milling Ratio for Paddy in Punjab | Ludhiana |
| 25 | Impact of emerging marketing channels in Agricultural Marketing – Benefit to producer – seller & Marketing Costs and Margins of Agricultural Potato and Kinnar in Punjab | Ludhiana |
| 26 | Economics of fodder cultivation & its processing and marketing (Consolidated) | Ludhiana |
| 27 | Assessment of Pre and Post Harvest Losses in Wheat and Paddy Crops in Punjab | Ludhiana |
| 28 | Assessment of crop-wise marketable and marketed surplus of food grains and post harvest losses in Ludhiana | Ludhiana |
| 29 | marketed surplus of food grains and post harvest losses in West Bengal. | Visva Bharati |

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| 30 | End-term Evaluation Study/Appraisal in respect of the Implementation of the Bringing Green Revolution to Eastern India (BGREI) Program | Visva Bharati |
| 31 | Baseline Data on Area , Production and Production and Productivity of Horticulture Crops in Sikkim-Shantiniketan | Visva Bharati |
| 32 | Problem and Prospects of Oilseeds in West Bengal -Shantiniketan | Visva Bharati |
| 33 | Effect of Farm Mechanization on Agricultural Growth and Comparative Economics of Labour and Machinery | Visva Bharati |
| 34 | Spread of new Varieties of Hybrid Rice and their Impact on the Overall Production and Productivity in West Bengal. | Visva Bharati |
| 35 | Impact of NREGA on wage rates, cost of production, food Security and Rural Urban Migration in Andhra.Pradesh | Vishakhapatnam |
| 36 | Impact Study of the National Horticulture Mission (NHM) Scheme in Andhra.Pradesh | Vishakhapatnam |
| 37 | End-term Evaluation Study/Appraisal in respect of the Implementation of the Bringing Green Revolution to Eastern India (BGREI) Program | Vishakhapatnam |

2013-14

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| 1 | Estimation of pre and post harvest losses of Rice and Redgram in Karnataka. | ADRT, Bangalore |
| 2 | Assessment of crop-wise marketable and marketed surplus of food grains and post harvest losses in Karnataka. | ADRT, Bangalore |
| 3 | Consolidated Impact Study of the National Horticulture Mission (NHM) Scheme. | ADRT, Bangalore |
| 4 | Assessment of crop-wise marketable and marketed surplus of food grains and post harvest losses for Gujarat. | CMA,IIMA |
| 5 | Assessment of Pre and Post Harvest Losses in Wheat and Paddy Crops in Uttar Pradesh. | Allahabad |
| 6 | Assessment of Crop-wise Marketable and marketed surplus of food grains and post harvest losses in Uttar Pradesh. | Allahabad |
| 7 | Problems and prospects of oilseeds and oil palm cultivation, potential of bringing it in cost effective manner in Uttar Pradesh. | Allahabad |
| 8 | Evaluation and impact of mechanization on agri. Growth, comparative economics of labour and machinery in Bihar. | Bhagalpur |
| 9 | Spread of new varieties of hybrid rice and their impact on the overall production and productivity in Bihar. | Bhagalpur |
| 10 | Assessment of crop-wise marketable and marketed surplus of food grains and post harvest losses in Haryana. | Delhi |
| 11 | Evaluation of Price Support Scheme of Sunflower in Haryana. | Delhi |
| 12 | Evaluation of Market Intervention Scheme (Apple 'C' Grade) in Uttarakhand | Delhi |

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| 13 | Baseline data on area, Production and productivity of Horticulture crops in North East and Himalayan states in Uttarakhand. | Delhi |
| 14 | Estimation of pre and post harvest losses among selected crops in Madhya Pradesh. | Jabalpur |
| 15 | Assessment of marketable and marketed surplus of Wheat, Gram & Tur in Madhya Pradesh | Jabalpur |
| 16 | Baseline Data on Area, Production and Productivity of Horticultural Crops in Assam. | Jorhat |
| 17 | Evaluation of Market Intervention Scheme(MIS) and PSS in Mizoram | Jorhat |
| 18 | Estimation of pre and post harvest losses among selected crops in Assam | Jorhat |
| 19 | Assessment of Pre and Harvest Losses in Tur and Soyabean Crops in Maharashtra. | Pune |
| 20 | Assessment of Crop-wise Marketable and marketed surplus of food grains and post harvest losses in Maharashtra. | Pune |
| 21 | Problems and prospects of Soyabean cultivation in Maharashtra Problems and prospects of Soyabean cultivation in Maharashtra . | Pune |
| 22 | Evaluation of Market Intervention Scheme in Himachal Pradesh. | Shimla |
| 23 | Baseline data on area, production and productivity of horticulture crops in Himachal Pradesh. | Shimla |
| 24 | Problems and Prospects of Prospects of Production of Oilseeds: Special Reference to Groundnut in Gujarat. | Vallabh Vidyanagar |
| 25 | Problems and Prospects of Prospects of Production of Oilseeds in Rajasthan. | Vallabh Vidyanagar |
| 26 | Assessment of Crop-wise Marketable and marketed surplus of food grains and post harvest losses in Rajasthan. | Vallabh Vidyanagar |
| 27 | Estimation of pre and post harvest losses among selected crops in Gujarat. | Vallabh Vidyanagar |
| 28 | Estimation of pre and post harvest losses among selected crops in Rajasthan | Vallabh Vidyanagar |
| 29 | Evaluation of Market Intervention Scheme (MIS) and PSS in Rajasthan. | Vallabh Vidyanagar |
| 30 | Estimation of pre and post harvest losses among selected crops in West Bengal | Visva Bharati |
| 31 | Spread of new varieties of hybrid rice and their impact on the overall production and productivity in West.Bengal. | Visva Bharati |
| 32 | Consolidated Spread of new varieties of hybrid Rice and their impact on the overall production and productivity. | Visva Bharati |

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2014-15

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|----|--|------------------|
| 1 | Baseline data on area, Production and productivity of Horticulture crops in North East and Himalayan states (Consolidated report). | ADRTC, Bangalore |
| 2 | Problem and Prospect of Sunflower production in Karnataka. | ADRTC, Bangalore |
| 3 | Estimation of pre and post harvest losses among selected crops in India (Consolidated report) | ADRTC, Bangalore |
| 4 | Rural Diversification in India – the Aspect of Food Security | IEG, Delhi |
| 5 | Prosperity of crop diversification in Punjab and Haryana. | IEG, Delhi |
| 6 | Evaluation and impact of mechanization on agri. Growth, comparative economics of labour and machinery in Agriculture (Consolidated report). | IEG, Delhi |
| 7 | Assessment of the extent of Food Processing in various food sub-sectors | IEG, Delhi |
| 8 | Review of Evidence on Farmers Income from secondary sources. | IEG, Delhi |
| 9 | Micro irrigation systems: barriers spread and resources conservation. | CMA, Ahmedabad |
| 10 | Problem and Prospect of oilseeds production in India | CMA, Ahmedabad |
| 11 | Biotechnology in Agriculture, Examining the promise, performances, concerns & Economics | CMA, Ahmedabad |
| 12 | Assessment of crop-wise marketable and marketed surplus of food grains and post harvest losses (Consolidated) | CMA, Ahmedabad |
| 13 | Adoption of recommended doses of fertilizer on soil test basis by farmers for Rice and Wheat in Uttar Pradesh. | Allahabad |
| 14 | Impact of National Food Security Mission (NFSM) on Input use, Production, Productivity and Income for Wheat in Uttar Pradesh. | Allahabad |
| 15 | Estimation of pre and post harvest losses of Paddy in Tamil Nadu | Chennai |
| 16 | Spread of new varieties of hybrid rice and their impact on the overall production and productivity for Tamil Nadu. | Chennai |
| 17 | Possibilities and Constraints in adoption of alternative crops to paddy in Haryana. | Delhi |
| 18 | Problems & Prospects of Oilseeds production in Madhya Pradesh. | Jabalpur |
| 19 | Impact of National Food Security Mission (NFSM) on Input use, Production, Productivity and Income for Wheat in Madhya Pradesh. | Jabalpur |
| 20 | Adoption of recommended doses of fertilizer on soil test basis by farmers for Wheat and Soyabean in Madhya Pradesh. | Jabalpur |
| 21 | Relationship between wholesale prices, retail prices, export prices (FOB), prices realized by farmers and details of contributing factors for the price difference for Basmati rice in Punjab. | Ludhiana |
| 22 | Adoption of recommended doses of fertilizer on soil test basis by farmers for Wheat and Rice in Punjab. | Ludhiana |
| 23 | Impact of diesel/power subsidy withdrawal on production cost of important crops in Punjab. | Ludhiana |

(Contd.)

(Contd.)

| | | |
|----|--|---------------|
| 24 | Possibilities and Constraints in Adoption of Alternative Crops to Paddy in Punjab. | Ludhiana |
| 25 | Impact of National Food Security Mission (NFSM) on Input use, Production, Productivity and Income for Wheat in Gujarat. | V.V Nagar |
| 26 | Adoption of recommended doses of fertilizer on soil test basis by farmers for Cotton and Groundnut in Gujarat. | V.V Nagar |
| 27 | Spread of new varieties of hybrid rice and their impact on the overall production and productivity for Andhra Pradesh | Visakhapatnam |
| 28 | Impact of MGNREGA on Wage Rates, Food Security and Rural Urban Migration in Odisha. | Visakhapatnam |
| 29 | Problems and prospects of oilseeds and oil palm cultivation, potential of bringing it in cost effective manner in Andhra Pradesh | Visakhapatnam |
| 30 | Evaluation of Market Intervention Scheme (MIS) in Andhra Pradesh | Visakhapatnam |

Appendices

Appendix-I

Explanatory Note

Advance Estimates

The estimates of area, production and yield rates for 2014-15 are “Advance Estimates” as on 17-08-2015 and are based on deliberations held in weekly inter-disciplinary meetings of Crop Weather Watch Group, availability of water in important reservoirs in the country, availability/supply of important inputs including credit to farmers community, feed back received from states etc. These estimates are “advance” in the sense that these have been prepared in advance of availability of results of CCE (Crop Cutting Experiments) and are subject to revision as more precise information flows from states to DES.

Yield

Yield rate is defined as production per unit of area. However, yield rates of various crops given in this publication may not exactly tally with the ratio of production to the corresponding area because figures of area and production of various crops have been generally rounded off in ten thousands.

Principal Crops

Principal Crops as referred to in this publication include only those crops which are covered for preparation of index numbers. The details of these crops are given in Appendix II.

Estimation Procedure for Non-Availability of Data for 2014-15

The index numbers of area, production and yield rate for 2014-15 (from where growth rates have been derived) are based on advance estimates of principal crops as on 17-08-2015. However, there are a number of ‘non-forecast’ crops such as plantation crops and spices for which no advance estimates for 2014-15 (or for that matter any year) are prepared. In such cases, the estimates of area and production for the previous years are repeated for the purpose of index numbers.

Nine Oilseeds

Wherever “Nine oilseeds” is mentioned in this publication, it includes Castor seed, Groundnut, Linseed, Nigerseed, Safflower, Sesamum, Soyabean, Sunflower and Rapeseed & Mustard.

Total Oilseeds

Total oilseeds include cottonseed and coconut besides nine oilseeds mentioned in the above paragraph.

Net Availability of Foodgrains

The Net availability of foodgrains is defined as, where

$$\text{NAF} = \text{GP} - \text{SFW} - e + i + s$$

NAF = Net availability of Foodgrains

GP = Gross Production of Foodgrains

SFW = Seed, feed and wastages of Foodgrains

e = Exports of Foodgrains

i = Imports of Foodgrains

s = Change in Stocks of Foodgrains

To work out per capita net availability of foodgrains in terms of kg. per year, NAF is divided by the estimated population for a particular year. When this is further divided by the number of days in a year i.e. 365 days, it gives net availability of foodgrains per day.

Appendix-II

Methodology of Index Numbers of Area, Production and Yield

Base Year

The Directorate of Economics and Statistics (DES) had adopted Triennium Ending (T.E.) 1981-82 as base year for the purpose of Index Numbers of Area, Production and Yield in Agriculture until 1999-2000. In 2000-2001, it was decided to adopt T.E. 1993-94 as a way of updating the base to a recent year and keep it in harmony with the other series of indices such as Index of Industrial Production, Wholesale Price Index and the series of National Accounts Statistics. Since area and production in agriculture can fluctuate a great deal from year to year, the average of area/ production over the TE 1993-94 was taken as the base year.

It was observed that the base year 1993-94 currently in use for construction of index numbers of Area, Production and Yield of crops has become outdated and stressed on the need for updating of the base year at regular intervals preferably in consonance with the base year revisions of other important indices.

As the period 2005-06 to 2007-08 remained normal from agriculture point of view and the price data available with CSO was for the year 2006-07 which could be used as mid period price for assessment of contribution in value terms for preparation of weighting diagram, it has been considered appropriate to take more recent base, i.e., (TE 2007-08 = 100) as the base for agricultural indices.

Weighting Diagram

The weight of a commodity for the production index is taken as the average production of the commodity in the TE 2007-08 and the national average price of the commodity during 2006-07 as obtained from the National Accounts Statistics. This has been done to fix the base production at its average level by eliminating the cyclical variation and to evaluate the production with the same price for all states in view of wide variations observed in the state prices.

Methodology

- Let
- a_{ij} - the area under i^{th} crop in the j^{th} year.
 - a_{io} - the area under i^{th} crop in base year period.
 - p_{ij} - production of i^{th} crop in the j^{th} year.
 - p_{io} - production of i^{th} crop in base year period.
 - w_i - weight of i^{th} crop.

For the the year j , individual crop indices are calculated as below :

$$(a) \text{Index number of area} = \frac{a_{ij}}{a_{io}} \times 100 = IA_{ij}$$

$$(b) \text{Index number of production} = \frac{P_{ij}}{P_{io}} \times 100 = IP_i^j$$

$$(c) \text{Index number of yield} = \frac{IP_{ij}}{IA_{ij}} \times 100$$

For any sub-group G of commodities, the indices for the year j are calculated as below:

$$(a) \text{Index number of area} = \frac{\sum_{i \in G} w_i IA_{ij}}{\sum_{i \in G} w_i}$$

$$(b) \text{Index number of production} = \frac{\sum_{i \in G} w_i IP_{ij}}{\sum_{i \in G} w_i}$$

$$(c) \text{Index number of yield} = \frac{\text{Index number of production} \times 100}{\text{Index number of area}}$$

Appendix-III

Glossary of English, Botanical and Hindi Names of Important Crops

| Crop/Group of Crops | English | Botanical | Hindi |
|-------------------------|--------------------------------|---------------------------------|---------------|
| (1) | (2) | (3) | (4) |
| Cereals | Bara(Bulrush or spiked millet) | <i>Pennisetum Typhoides</i> | Bajra |
| | Barley | <i>Hordeum vulgare</i> | Jau |
| | Barnyard millet | <i>Echinochloa frumentacea</i> | Kutki |
| | Cholam(Great Millet) | <i>Sorghum bicolor</i> | Jowar |
| | Common Millet | <i>Panicum milliaceum</i> | Cheena |
| | Little Millet | <i>Penicum milliare</i> | Sawan |
| | Italian foxtail Millet | <i>Setaria italica</i> | Kangani |
| | Kodo Millet | <i>Paspalum scrobiculatum</i> | Koden |
| | Maize or Indian corn | <i>Zea mays</i> | Makka |
| | Oat | <i>Avena sativa</i> | Jaie |
| | Ragi | <i>Eleusine coracana</i> | Mundua |
| | Paddy (Rice) | <i>Oryza sativa</i> | Dhan (Chawal) |
| | Wheat | <i>Triticum acstivum</i> | Gehun |
| Pulses and Beans | Black gram | <i>Vignamungo</i> | Urad |
| | Chickpea (Bengal gram) | <i>Cicer arietinum</i> | Chana |
| | Chickling vetch | <i>Lathyrus sativus</i> | Khesari |
| | Cluster Bean | <i>Cyamopiss tetragonoloba</i> | Guar |
| | Cowpea | <i>Vigna unguiculata</i> | Lobia |
| | Green Gram | <i>Vigna radiata</i> | Mung |
| | Horsegram | <i>Dilichos biflorus</i> | Kulthi |
| | Kidney bean | <i>Vigna aconitifolia</i> | Moth |
| | Lentil | <i>Lens culinaris</i> | Masur |
| | Peas | <i>Pisum sativum vararvense</i> | Matar |
| | Red gram (Pigion pea) | <i>Cajanus cajan</i> | Tur,Arhar |
| | Soyabean | <i>Glucine max</i> | Soyabean |
| Sugar | Sugarcane | <i>Saccharum Officinarum</i> | Ganna |

(Contd.)

Appendix-III : (Contd.)

| Crop/Group of Crops | English | Botanical | Hindi |
|-------------------------|--------------------------------------|-----------|---------------------------------|
| (1) | (2) | (3) | (4) |
| Fruits | | | |
| Apple | Malus sylvestris | | Seb |
| Apricot | Prunus armeniaca | | Khoobani |
| Cashewnut | Anardium occidentale | | Kaju |
| Fig | Ficus carica | | Anjeer |
| Grape | Vitis vinifera | | Angur |
| Guvava | Psidium guajava | | Amrood |
| Jackfruit | Artocarpus heterophyllus | | Katahal |
| Lemon | Citrus Lemon | | Nimbu |
| Lime | Citrus Urantifolia | | Bara Nimbu |
| Litchi | Litchi chinensis | | Litchi |
| Mango | Magnifera indica | | Aam |
| Orange Mandar | Citrus reticulata | | Santara, Narangi |
| Papaya | Carica papaya | | Papeeta |
| Pear | Pyrus communis | | Naspati |
| Pineapple | Ananas comosus | | Ananas |
| Banana | Musa paradisiaca | | Kela |
| Pomegranate | Punica granatum | | Anaar |
| Sweet Orange | Citrus sinensis | | Malta, Mosambi |
| Vegetables | | | |
| Ash gourd | Benincasa hispida | | Petha |
| Beet | Beta vulgaris | | Chukandar |
| Bitter gourd | Momordica charantia | | Karela |
| Bottle gourd | Lagenaria siceraria | | Lauki |
| Brinjal | Lolanum melongena | | Baingan |
| Cabbage | Brassica oleracea var, Capitata | | Band gobi |
| Carrot | Daucus carota | | Gajar |
| Cauliflower | Brassica oleracea var Botrytis | | Phul gobi |
| Cowpea | Vigna unguiculata | | Lobia |
| Cucumber | Cucumis satius | | Kheera |
| French bean | Phaseolus vulgaris | | Faras bean |
| Indian flat bean or sem | Dolichos lablab | | Sem |
| Kaol Khol | Brassica oleracea var, Gongylodes | | Ganth gobi |
| Lady's finger | Abelmoschus esculentus | | Bhindi |
| Little gourd | Cucurbita cordifolia | | Kundur |
| Musk melon | Cucumis melo | | Kharboozza |
| Onion | Allium cepa | | Piyaz |
| Pointed gourd | Trichosanthes dioica | | Parwal, Potal |
| Potato | Solanum tuberosum | | Aaloo |
| Pumpkin | Cucurbita moschata | | Sitaphal, Lal Kaddu, Kumbhra |
| Radish | Raphanus satius | | Muli |
| Round gourd of India | Citrullus vulgaris var,fistulosus | | Tinda |
| Snap melon | Cucumis melo var, momordica | | Phoot |
| Snake gourd | Trichosanthes anguina | | Chachinda |

(Contd.)

(Contd.)

| Crop/Group of Crops (1) | English (2) | Botanical (3) | Hindi (4) |
|------------------------------|--------------------------------|--|----------------|
| | Tomato | <i>Lycopersicon esculentum</i> | Tamatar |
| | Turnip | <i>Brassica rapa</i> | Shalgam |
| | Water melon | <i>Citrullus vulgaris</i> | Tarbooz |
| Drugs and Narcotics | | | |
| | Betel Leave | | Paan |
| | Betelnut(arcanut) | <i>Areca catechu</i> | Supari |
| | Indian hemp | <i>Cannabis sativa</i> | Bhang |
| | Opium | <i>Papaver somniferum</i> | Afeem |
| | Tobacco | <i>Nicotiana tabacum</i> and <i>Nicotiana rustica</i> | Tambaku |
| Condiments and Spices | | | |
| | Black pepper | <i>Piper nigrum</i> | Kalimirch |
| | Cardamom, Cardamum (lesser) | <i>Elettaria cardamomum</i> | Chhoti Ilaichi |
| | Chillies | <i>Capsicum annuum</i> | Lalmirch |

Appendix-IV

Crop Calendar of Major Crops

| States/UTs | Period | Kharif Paddy | Rabi Paddy | Summer Paddy | Kharif Bajra | Summer Bajra | Rabi Wheat |
|------------------|------------|--------------|------------|---------------|----------------|---------------|------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
| Andhra Pradesh | Sowing | May-June | Nov-Dec | March-April | Jun(B)-Jul(M) | | |
| | Harvesting | Nov-Dec | Mar-April | July-Aug. | Sept(B)-Oct(B) | | |
| Assam | Sowing | Feb-March | June-July | Nov-Dec | | Nov(B)-Dec(M) | |
| | Harvesting | June-July | Nov-Dec | May-June | | Mar(E)-Apr(E) | |
| Bihar | Sowing | Jun-Aug. | Oct-Nov | Feb.-March | | Nov(B)-Dec(E) | |
| | Harvesting | Sep-Nov | April-May | July-Aug. | | Mar(E)-Apr(E) | |
| Goa | Sowing | May-June | | | | | |
| | Harvesting | Sept-Oct. | | | | | |
| Gujarat | Sowing | June-July | | Jun(B)-Jul(E) | Feb(B)-Feb(E) | Nov(B)-Dec(B) | |
| | Harvesting | Oct-Nov | | Sep(B)-Nov(E) | May(B)-May(E) | Feb(E)-Mar(E) | |
| Haryana | Sowing | June-July | | Jun(M)-Jul(B) | | Oct(E)-Dec(E) | |
| | Harvesting | Sept-Oct. | | Oct(M)-Nov(M) | | Apr(M) | |
| Himachal Pradesh | Sowing | May-June | | | | Oct(B)-Dec(E) | |
| | Harvesting | October | | | | Apr(M)-Jun(E) | |
| Jammu & Kashmir | Sowing | April-May | | | | Oct(B)-Dec(E) | |
| | Harvesting | Sept-Oct. | | | | Apr(E)-Jun(E) | |
| Karnataka | Sowing | May-June | Sep-Oct. | Jan-Feb. | Jan(B)-Feb(E) | Oct(M)-Nov(E) | |
| | Harvesting | Sept-Oct. | Jan-Feb | May-June | Oct(B)-Nov(E) | Feb(B)-Mar(E) | |
| Kerala | Sowing | April-May | Sep-Oct. | Dec-Jan. | | | |

(Contd.)

Appendix IV (*Contd.*)

| States/UTs | Period | Kharif Paddy | Rabi Paddy | Summer Paddy | Kharif Bajra | Summer Bajra | Rabi Wheat | |
|------------------|------------|--------------|--------------------------------|---------------|--------------------------------|----------------------------------|--------------------------------|--|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | |
| Madhya Pradesh | Harvesting | Sep-Oct. | Dec-Jan. | March-April | Jun(M)-Jul(E) Sep(E)-Dec(M) | | | |
| | Sowing | June-July | Jun(M)-Jul(E) Feb(E)-Apr(M) | | | Oct(M)-Dec(E) Feb(E)-Apr(M) | | |
| Maharashtra | Harvesting | Oct-Nov | Jun(B)-Jul(E) | | | Oct(M)-Nov(E) Feb(B)-Mar(E) | | |
| | Sowing | June-July | Jun(B)-Jul(E) | | | Oct(M)-Nov(E) Feb(B)-Mar(E) | | |
| Odisha | Harvesting | Oct-Nov | Jun(B)-Oct(E) | | | Oct(B)-Oct(E) | | |
| | Sowing | May-June | June-July | Dec-Jan. | Jun-Jul | Oct-Nov Mar-Apr | | |
| Punjab | Harvesting | Sep-Oct. | Nov-Dec | April-May | Sep-Oct | Oct(E)-Dec(E) Apr(M)-May(B) | | |
| | Sowing | May-July | Jun(B)-Jul(E) | | | Oct(E)-Dec(E) Apr(M)-May(B) | | |
| Rajasthan | Harvesting | Oct-Nov | Jun(B)-Jul(E) | | | Oct(E)-Dec(M) Mar(B)-April(E) | | |
| | Sowing | June-July | Jun(B)-Jul(E) | | | Oct(E)-Dec(M) Mar(B)-April(E) | | |
| Uttar Pradesh | Harvesting | Oct-Nov | Jun(B)-Jul(E) | | | Oct(E)-Dec(E) Apr(B)-Apr(E) | | |
| | Sowing | June-July | Nov-Dec | Jun(B)-Jul(E) | | | Oct(E)-Dec(E) Apr(B)-Apr(E) | |
| West Bengal | Harvesting | Oct-Nov | April-May | Oct(B)-Nov(M) | | | Nov(B)-Dec(E) Mar(E)-Apr(E) | |
| | Sowing | April-July | Nov-Dec April-May | | | Nov(B)-Dec(E) Mar(E)-Apr(E) | | |
| All India | Harvesting | Aug-Nov | Jan-Feb | | | Oct-Dec Feb-Jun | | |
| | Sowing | May-Aug | Dec-Jan. | Jun-Jul | Sep-Nov | Jan-Feb | Apr-May | |

(Contd.)

Appendix-IV (*contd.*)

| States | Period | Early duration Arhar/Tur | Mid early duration Arhar/Tur | Medium duration Arhar/Tur | Long duration Arhar/Tur |
|----------------|------------|-----------------------------|------------------------------------|------------------------------|----------------------------|
| (1) | (2) | (3) | (4) | (5) | (6) |
| Andhra Pradesh | Sowing | June (M)-June (E) | July (B)-July (M) | July (B)-July (M) | - |
| | Harvesting | Nov (M)- Nov (E) | Dec (M)-Dec(E) | Jan (B) - Jan (M) | - |
| Karnataka | Sowing | June (M)-June (E) | July (B)-July (M) | July (B)-July (M) | - |
| | Harvesting | Nov (M)- Nov (E) | Dec (M)-Dec(E) | Jan (B) - Jan (M) | - |
| Maharashtra | Sowing | June (M)-June (E) | July (B)-July (M) | July (B)-July (M) | - |
| | Harvesting | Nov (M)- Nov (E) | Dec (M)-Dec(E) | Jan (B) - Jan (M) | - |
| Rajasthan | Sowing | June (B)-June (M) | - | - | - |
| | Harvesting | Nov (B)-Nov (M) | - | - | - |
| Uttar Pradesh | Sowing | June (B)-June (M) | - | - | Jul (B)-July(M) |
| | Harvesting | Nov. (B) – Nov (M) | - | - | April (B)-April (M) |
| Tamil Nadu | Sowing | June (B)-June (M) | July (B)-July (M) | July (B)-July (M) | - |
| | Harvesting | Nov. (B)- Nov (M) | Dec (M)-Dec(E) | Jan (B) - Jan (M) | - |
| Gujarat | Sowing | June (M)-June (E) | July (B)-July (M) | July (B)-July (M) | - |
| | Harvesting | Nov (M) - Nov(E) | Dec(M)-Dec (E) | Jan (B) - Jan (M) | - |
| Bihar | Sowing | June (B)-June (M) | - | - | Jul (B)-July(M) |
| | Harvesting | Nov. (B) – Nov (M) | - | - | April (M)-April (E) |
| Madhya Pradesh | Sowing | June (M)-June (E) | June (M)-July (M) | July (B)-July (M) | - |
| | Harvesting | Nov (M)-Nov (M) | Nov (E)-Dec(E) | Jan (B) - Jan (M) | - |
| Uttarakhand | Sowing | June (B)-June (M) | - | - | - |
| | Harvesting | Nov. (M)- Nov(E) | - | - | - |
| Odisha | Sowing | June (B)-June (M) | - | June (E)-July (M) | - |
| | Harvesting | Nov. (M)- Nov(E) | - | Jan (B) - Jan (M) | - |
| Haryana | Sowing | June(B)-June (M) | - | - | - |
| | Harvesting | Oct (M)- Oct(E) | - | - | - |
| Punjab | Sowing | June(B)-June (M) | - | - | - |
| | Harvesting | Oct (M)- Oct(E) | - | - | - |
| Jharkhand | Sowing | June(B)-June (M) | - | June (E)-July (M) | July (B)- July (M) |
| | Harvesting | Nov (M)- Nov(E) | - | Jan (B) - Jan (M) | March(M)- April(B) |
| Chhattisgarh | Sowing | June(B)-June (M) | - | June (E)-July (M) | - |
| | Harvesting | Nov(B)-Nov (M) | - | Dec (E) - Jan (M) | - |
| Tripura | Sowing | June(B)-June (M) | - | - | - |
| | Harvesting | Nov. (B)- Nov(M) | - | - | - |
| Nagaland | Sowing | June(B)-June (M) | - | - | - |
| | Harvesting | Nov (B)- Nov(M) | - | - | - |
| All India | Sowing | June(B)-June (M) | July(B)-July (M) | July (B)- July (M) | July (B)- July (M) |
| | Harvesting | Nov (B)- Nov(M) | Dec(M)-Dec (E) | Jan(B)-Dec (M) | April(M)-April(E) |

(Contd.)

Appendix IV (*Contd.*)

| States/Uts | Period | Kharif Mungbean/ Urdbean | Rabi Mungbean/ Urdbean | Spring/Summer Mungbean/ Urdbean | Horsegram Kharif | Chickpea rabi |
|----------------|-------------------|-----------------------------------|-----------------------------------|--|--|---------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| Andhra Pradesh | Sowing Harvesting | Jun(M) -Jul(E) Sept(M) -Oct(M) | Oct(B)-Nov(B) Jan(B)-Feb(B) | Jan(B)-Feb(B) Mar(B)-April(M) | Nov(B)-Nov(E) Feb(M)-Mar(B) | |
| Assam | Sowing Harvesting | July(B) – Aug(E) Sep(M)-Oct(E) | Aug(B)-Sep(M) Nov(B) –Dec(M) | Feb(E)-Mar(M) May(B)-May(M) | Oct. (M) – Nov. (M) March (B) – March (E) | |
| Bihar | Sowing Harvesting | July(B) – Aug(E) Sep(M)-Oct(E) | Feb(E)-April(B) May(B)-June(M) | Aug (M)-Aug(E) Oct(E)-Nov(B) | Oct. (M) – Nov. (M) March (B) – March (E) | |
| Chhattisgarh | Sowing Harvesting | Jun-Jul Sep-Sep | | Oct. (B) – Oct. (E) Feb. (E) – March (E) | | |
| Gujarat | Sowing Harvesting | July(B) – Aug(E) Sep(M)-Oct(E) | | Oct. (B) – Nov. (M) Feb. (M) – March (E) | | |
| Haryana | Sowing Harvesting | July(B) – Aug(E) Sep(M)-Oct(E) | | Oct. (M) – Nov. (E) March (M) – April (B) | | |
| Jharkhand | Sowing Harvesting | Jul(B)-Aug(E) Sep(M)-Oct(E) | | Feb(E)-April(B) May(B)-June(M) | Oct(M) – Nov(M) Mar(M) – Apr(M) | |
| Karnataka | Sowing Harvesting | Jun(M) -Jul(E) Sept(M) -Oct(M) | Oct(B)-Nov(B) Jan(B)-Feb(B) | Jan(B)-Feb(B) Mar(B)-April(M) | Oct(B) – Nov(E) Jan. (M) – Feb. (E) | |
| Kerala | Sowing Harvesting | Jun(M) -Jul(E) Sept(M) -Oct(M) | | Jan(B)-Feb(B) Mar(B)-April(M) | | |
| Madhya Pradesh | Sowing Harvesting | Jun(M) -Jul(E) Sept(M) -Oct(M) | | August (E) Oct (E) | Oct. (B) – Nov. (B) Feb. (M) – March (E) | |
| Maharashtra | Sowing Harvesting | Jun(M) -Jul(E) Sept(M) -Oct(M) | | Jul(M) Oct(M) | Sept (E) – Oct. (E) Feb. (M) – March (E) | |
| Odisha | Sowing Harvesting | Jun(M) -Jul(E) Sept(M) -Oct(M) | Oct(B)-Nov(B) Jan(B)-Feb(B) | Jan(B)-Feb(B) Mar(B)-April(M) | | |

(Contd.)

Appendix IV (*Contd.*)

| | | | | |
|------------------|-------------------|-------------------------------------|-----------------------------------|--|
| Punjab | Sowing Harvesting | July(B) – Aug(E) Sep(M)-Oct(E) | Feb(E)-Mar(M) May(B)-May(M) | Oct. (M) – Nov. (E) March (M) - April (E) |
| Rajasthan | Sowing Harvesting | July(B) – Aug(E) Sep(M)-Oct(E) | Jul (M) | Oct (M) |
| Tripura | Sowing Harvesting | July(B) – Aug(E) Sep(M)-Oct(E) | Feb(E)-April(B) May(B)-June(M) | Feb(E)-April(B) May(B)-June(M) |
| Tamil Nadu | Sowing Harvesting | Jun(M) – Jul(E) Sept(M) – Oct(M) | Oct(B)-Nov(B) Jan(B)-Feb(B) | Feb(E)-April(B) May(B)-June(M) |
| Uttar Pradesh | Sowing Harvesting | July(B) – Aug(E) Sep(M)-Oct(E) | Feb(E)-April(B) May(B)-June(M) | Oct(E) Feb(B) |
| West Bengal | Sowing Harvesting | July(B) – Aug(E) Sep(M)-Oct(E) | Feb(E)-April(B) May(B)-June(M) | Oct. (M) – Nov. (E) March (M) - April (E) |
| Himachal Pradesh | Sowing Harvesting | July(B) – Aug(E) Sep(M)-Oct(E) | Feb(E)-April(B) May(B)-June(M) | Oct. (M) – Nov. (E) March (B) - March (E) |
| Manipur | Sowing Harvesting | - | Jun(M)-Jul(E) Sep(E)-Oct(M) | Sept- Oct Mar - Apr |
| Meghalaya | Sowing Harvesting | - | Sep(B)-Oct(E) Dec(B)-Jan(F) | (Contd.) |

Appendix IV (*Contd.*)

| State (1) | Period (2) | Kharif-Soybean (3) | Kharif-Khafif (4) | Niger(Khafif) (5) |
|------------------|----------------------|---|-------------------------------------|-----------------------------------|
| Madhya Pradesh | Sowing Harvesting | June(M)- July(M) Sept(E)- October(B) | June(M) – July(E) Oct(B)- Nov(M) | Aug(B)- Sept(B) Nov(B)- Dec(B) |
| Maharashtra | Sowing Harvesting | June(M)- July(M) Sept(E)- Oct(B) | June(B) – July(E) Oct(B)- Nov(M) | Aug(B)- Sept(B) Nov(B)- Dec(B) |
| Rajasthan | Sowing Harvesting | June(E)- July(M) Sept(E)- October(B) | June(B) – July(E) Oct(B)- Nov(M) | Aug(B)- Sept(B) Nov(B)- Dec(B) |
| Karnataka | Sowing Harvesting | June(M) – July(B) Sept(E)- Oct(B) | June(B) – July(E) Oct(B)- Nov(M) | Aug(B)- Sept(B) Nov(B)- Dec(B) |
| Andhra Pradesh | Sowing Harvesting | June(M)- July(M) Sept(E)- Oct(B) | June(B) – July(E) Oct(B)- Nov(M) | Aug(B)- Sept(B) Nov(B)- Dec(B) |
| Chhattisgarh | Sowing Harvesting | June(M)- July(M) Sept(E)- October(B) | June(B) – July(E) Oct(B)- Nov(M) | Aug(B)- Sept(B) Nov(B)- Dec(B) |
| Uttar Pradesh | Sowing Harvesting | June(E)- July(M) Sept(E)- October(B) | June(B) – July(E) Oct(B)- Nov(M) | Aug(B)- Sept(B) Nov(B)- Dec(B) |
| Manipur | Sowing Harvesting | June- July Sept(E)- October(B) | June(B) – July(E) Oct(B)- Nov(M) | Aug(B)- Sept(B) Nov(B)- Dec(B) |
| Meghalaya | Sowing Harvesting | June - July Sept(E)- October(B) | June(B) – July(E) Oct(B)- Nov(M) | Aug(B)- Sept(B) Nov(B)- Dec(B) |
| West Bengal | Sowing Harvesting | June - July Sept(E)- October(B) | Sept(E)- October(B) | Aug(B)- Sept(B) Nov(B)- Dec(B) |
| Odisha | Sowing Harvesting | June(B) – July(F) Oct(B)- Nov(M) | June(B) – July(F) Oct(B)- Nov(M) | Aug(B)- Sept(B) Nov(B)- Dec(B) |
| Bihar/ Jharkhand | Sowing Harvesting | June(B) – July(F) Oct(B)- Nov(M) | June(B) – July(F) Oct(B)- Nov(M) | Aug(B)- Sept(B) Nov(B)- Dec(B) |
| Gujarat | Sowing Harvesting | June(B) – July(F) Oct(B)- Nov(M) | June(B) – July(F) Oct(B)- Nov(M) | Aug(B)- Sept(B) Nov(B)- Dec(B) |

(Contd.)

Appendix IV (*Contd.*)

| States/Uts | Period | Rabi Gram | Rabi Mastur | Kharif Pulses/Lentil | Rabi Pulses/Lentil | Rabi Pea |
|----------------|----------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|------------------------------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| Assam | Sowing Harvesting | | | Oct(M) – Nov(M) Mar(M)-Apr(M) | Oct(M) – Nov(M) Mar(M)-Apr(M) | Oct(M) – Nov(M) Mar(M)-April(M) |
| Bihar | Sowing Harvesting | | | Jun(M)-Jul(B) Nov(B)-Dec(E) | Oct(M) – Nov(M) Mar(M)-Apr(M) | Oct(M) – Nov(M) Mar(M)-April(M) |
| Chhattisgarh | | | | | Oct(M) – Nov(M) Mar(M)-Apr(M) | Oct(M) – Nov(M) Mar(M)-Apr(M) |
| Goa | Sowing Harvesting | | | Aug(B)-Sep(E) Nov(B)-Dec(E) | Dec(B)-Jan(E) Mar(B)-Mayu(E) | Dec(B)-Jan(E) Mar(M)-Apr(M) |
| Jharkhand | Sowing Harvesting | | | Oct(M) – Nov(M) Mar(M)-Apr(M) | Oct(M) – Nov(M) Mar(M)-Apr(M) | Oct(M) – Nov(M) Mar(M)-Apr(M) |
| Rajasthan | Sowing Harvesting | | | Oct(E) – Nov(M) Mar(B)-Apr(M) | Oct(E) – Nov(M) Mar(B)-Apr(M) | Oct(E) – Nov(M) Mar(B)-Apr(M) |
| Tripura | Sowing Harvesting | | | Oct(E) – Nov(M) Mar(B)-Apr(M) | Oct(E) – Nov(M) Mar(B)-Apr(M) | Oct(E) – Nov(M) Mar(B)-Apr(M) |
| Gujarat | Sowing Harvesting | Oct(B)-Nov(E) Feb(B)-Mar(E) | | Oct(M) – Nov(M) Mar(M)-Apr(M) | Oct(M) – Nov(M) Mar(M)-Apr(M) | Oct(M) – Nov(M) Mar(M)-Apr(M) |
| Haryana | Sowing Harvesting | Oct(B)-Oct(M) Mar(M)-Mar(E) | | Oct(M) – Nov(M) Mar(M)-Apr(M) | Oct(M) – Nov(M) Mar(M)-Apr(M) | Oct(M) – Nov(M) Mar(M)-Apr(M) |
| Karnataka | Sowing Harvesting | Oct(B)-Nov(E) Jan(B)-Mar(E) | | | | |
| Madhya Pradesh | Sowing Harvesting | Oct(B)-Dec(B) Feb(B)-Apr(B) | Sep(M)-Nov(E) Feb(M)-Apr(B) | Oct(E) – Nov(M) Mar(B)-Apr(M) | Oct(E) – Nov(M) Mar(B)-Apr(M) | Oct(E) – Nov(M) Mar(B)-Apr(M) |

(Contd.)

Appendix IV (*Contd.*)

| States/Uts | Period | Rabi Gram | Rabi Masur | Kharif Pulses/Lentil | Rabi Pulses/Lentil | Rabi Pea |
|---------------|------------|---------------|---------------|-------------------------|-----------------------|----------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| Maharashtra | Sowing | Sep(B)-Oct(E) | | | | |
| | Harvesting | Feb(B)-Mar(E) | | | | |
| Manipur | Sowing | Sep-Oct | | | | |
| | Harvesting | Mar-Apr | | | | |
| Meghalaya | Sowing | Sep(B)-Oct(E) | Sep(B)-Oct(E) | | | |
| | Harvesting | Dec(B)-Jan(E) | Feb(B)-Mar(E) | | | |
| Punjab | Sowing | | | Jun(B)-Jul(E) | Oct.- Nov. | Oct.- Nov. |
| | Harvesting | | | | March-April | March-April |
| Uttar Pradesh | Sowing | Oct(B)-Nov(E) | Oct(B)-Nov(E) | | Oct(M)- Nov(M) | Oct(M)- Nov(M) |
| | Harvesting | Mar(B)-Apr(E) | Mar(B)-Mar(E) | | Mar(M)-Apr(M) | Mar(M)-Apr(M) |
| West Bengal | Sowing | Nov(M)-Dec(B) | | Nov(B)-Nov(E) | Oct(M)- Nov(M) | Oct(M)- Nov(M) |
| | Harvesting | Mar(B)-Mar(E) | | Feb(B)-Mar(E) | Mar(M)-Apr(M) | Mar(M)-Apr(M) |

(Contd.)

Appendix IV (*Contd.*)

| States | Period | Groundnut | | |
|------------------|------------|----------------------------------|---------------|----------------|
| | | Kharif | Rabi | Summer/ Spring |
| (1) | (2) | (3) | (4) | (5) |
| Andhra Pradesh | Sowing | Jun(B)-Aug(B) | Nov(M)-Jan(E) | |
| | Harvesting | Oct(B)-Nov(E) | Feb(E)-May(B) | |
| Assam | Sowing | | JulyB)-Aug(E) | |
| | Harvesting | | Nov(B)-Dec(E) | |
| Bihar | Sowing | | | |
| | Harvesting | | | |
| Chhattisgarh | Sowing | Jun(M)-Jul(E) | | |
| | Harvesting | Sep(M)-Dec(E) | | |
| Gujarat | Sowing | Jun(B)-July(E) | | Jan(B)-Feb(E) |
| | Harvesting | Sep(B)-Nov(E) | | Apr(B)May(E) |
| Haryana | Sowing | | | |
| | Harvesting | | | |
| Jammu & Kashmir | Sowing | | | |
| | Harvesting | | | |
| Jharkhand | Sowing | Jun(M)-Aug(B) | | |
| | Harvesting | Oct(B)-Nov(E) | | |
| Karnataka | Sowing | Jun(B)-Jul(E) | Nov(M)-Jan(E) | Dec(B)-Jan(E) |
| | Harvesting | Sep(B) – Oct(E) | Feb(E)-May(B) | Mar(B)-Apr(E) |
| Madhya Pradesh | Harvesting | Jun(M)-July(E) Sep(M)-Dec-(E) | | |
| | | | | |
| Maharashtra | Sowing | Jun(E)-Jul(E) | | Jan(B)-Feb(E) |
| | Harvesting | Oct(B)-Nov(B) | | Apr(B)May(E) |
| Odisha | Sowing | Jul(B)-Jul(E) | Dec(M)-Jan(B) | |
| | Harvesting | Oct(E)-Nov(B) | Apr(B)-Apr(E) | |
| Punjab | Sowing | May(B)-Jun(E) | | |
| | Harvesting | Oct(B)-Nov(E) | | |
| Manipur | Sowing | May(B)-Jun(E) | | |
| | Harvesting | Oct(B)-Nov(E) | | |
| Rajasthan | Sowing | Jun(B)-Jul(E) | | |
| | Harvesting | Oct(B)-Nov(E) | | |
| Tamil Nadu | Sowing | Jun(B)-Jul(B) | Sep(E)-Oct(B) | Jan(B)-Feb(E) |
| | Harvesting | Sep(B)-Oct(B) | Jan(B) | Apr(B)-May(E) |
| Uttar Pradesh | Sowing | Jul(B)-Jul(E) | | |
| | Harvesting | Oct(B)-Nov(B) | | |
| West Bengal | Sowing | Jun(E)-Jul(B) | Oct(E)-Nov(B) | Feb(B)-Mar(E) |
| | Harvesting | Sep(E)-Oct(B) | Jan(E)-Mar(B) | May(B)-Jun(E) |
| Puducherry | Sowing | Jun(B)-Jul(E) | Dec(B)-Jan(E) | |
| | Harvesting | Sep(B)-Oct(E) | Mar(B)-Apr(E) | |
| All India | Sowing | Jun-Jul | Nov-Jan | Jan-Feb |
| | Harvesting | Oct-Nov | Feb-May | Apr-May |

(Contd.)

Appendix IV (*Contd.*)

| States | Period | Rabi linseed |
|------------------|------------|-------------------|
| (1) | (2) | (3) |
| Assam | Sowing | Oct (B) - Nov (B) |
| | Harvesting | Mar (B) – Apr (E) |
| Andhra Pradesh | Sowing | Oct (B)- Oct (E) |
| | Harvesting | Feb (E)-Mar (E) |
| Bihar | Sowing | Oct (B)- Nov (B) |
| | Harvesting | Mar (B)- Apr (E) |
| Madhya Pradesh | Sowing | Oct (B)- Nov (M) |
| | Harvesting | Mar (B)-Mar (E) |
| Chhattisgarh | Sowing | Oct (B)- Nov (M) |
| | Harvesting | Mar (B)-Mar (E) |
| Maharashtra | Sowing | Oct (B)-Oct (E) |
| | Harvesting | Mar (B)-Mar (E) |
| Uttar Pradesh | Sowing | Oct (B) - Nov (B) |
| | Harvesting | Mar (B) – Apr (E) |
| Odisha | Sowing | Oct (B)-Oct (E) |
| | Harvesting | Mar (B)-Mar (E) |
| Jharkhand | Sowing | Oct (B) - Nov (B) |
| | Harvesting | Mar (B) – Apr (E) |
| Karnataka | Sowing | Oct (B)-Oct (E) |
| | Harvesting | Feb (B)-Mar M) |
| Nagaland | Sowing | Oct (B)- Nov (B) |
| | Harvesting | Mar (B) – Apr (E) |
| West Bengal | Sowing | Oct (B) - Nov (B) |
| | Harvesting | Mar (B) – Apr (M) |
| Rajasthan | Sowing | Oct (B)-Oct (E) |
| | Harvesting | Mar (B)-Mar(E) |
| Himachal Pradesh | Sowing | Oct (B)- Nov(B) |
| | Harvesting | Apr (E) –May (M) |
| Jammu & Kashmir | Sowing | Oct (B)- Nov (B) |
| | Harvesting | Apr (E) – May (M) |
| Punjab | Sowing | Oct (M) –Nov (M) |
| | Harvesting | Mar (E) – Apr (E) |

(Contd.)

Appendix IV (*Contd.*)

| States | Period | Kharif | | | Rabi | Summer |
|----------------|------------|-----------------|-----------------|----------------|----------------|--------|
| | | (3) | (4) | (5) | | |
| (1) | (2) | | | | | |
| Andhra Pradesh | Sowing | June(B)-July(E) | Aug(B)- Sept(M) | | | |
| | Harvesting | Oct(M)- Nov(M) | Dec(E)- Jan(M) | | | |
| Karnataka | Sowing | June(B)-July(E) | | | | |
| | Harvesting | Oct(M)- Nov(M) | | | | |
| Kerala | Sowing | June(B)-July(E) | | | | |
| | Harvesting | Oct(M)- Nov(M) | | | | |
| Madhya Pradesh | Sowing | June(B)-July(E) | Aug(B)- Sept(M) | | | |
| | Harvesting | Oct(M)- Nov(M) | Dec(E)- Jan(M) | | | |
| Maharashtra | Sowing | June(B)-July(E) | Aug(B)- Sept(M) | | | |
| | Harvesting | Oct(M)- Nov(M) | Dec(E)- Jan(M) | | | |
| Odisha | Sowing | June(B)-July(E) | | | | |
| | Harvesting | Oct(M)- Nov(M) | | | | |
| Rajasthan | Sowing | June(B)-July(E) | | | | |
| | Harvesting | Oct(M)- Nov(M) | | | | |
| Uttar Pradesh | Sowing | June(B)-July(E) | Oct(B)-Nov(M) | | | |
| | Harvesting | Oct(M)- Nov(M) | Feb(M)- Mar(E) | | | |
| West Bengal | Sowing | June(B)-July(E) | | | | |
| | Harvesting | Oct(M)- Nov(M) | | | | |
| Gujarat | Sowing | June-July | | | | |
| | Harvesting | Oct- Nov | | | | |
| Tamil Nadu | Sowing | June-July | Aug(B)- Sept(M) | Oct(B)-Nov(M) | | |
| | Harvesting | Oct- Nov | Dec(E)- Jan(M) | Feb(M)- Mar(E) | Jan.- Feb | |
| All India | Sowing | Jun-July | Aug(B)- Sept(M) | Oct(B)-Nov(M) | May(M)-June(M) | |
| | Harvesting | Sep-Nov | Dec(E)- Jan(M) | Feb(M)- Mar(E) | Jan.- March | |
| | | | | | May-June | |

(Contd.)

Appendix IV (*Contd.*)

| States | Period | Sunflower | | Summer/ Spring | | Castor Kharif | Safflower Rabi |
|-----------------------|------------|---------------|------|----------------|---------|------------------|-------------------|
| | | Kharif | Rabi | (4) | (5) | | |
| (1) Andhra Pradesh | (2) | (3) | | | | | |
| | Sowing | Jun(B)-Aug(E) | Oct | | | Jun-Jul | October |
| Assam | Harvesting | Sep - Nov | Jan | | | Dec-Jan | Feb |
| | Sowing | | | | | | |
| Bihar | Harvesting | | | | | | |
| | Sowing | | | Dec-Jan | | | |
| Chhattisgarh | Harvesting | | | Apr-May | | | |
| | Sowing | | | | Jul | | |
| Gujarat | Harvesting | | | | Feb | | |
| | Sowing | | | | | Jul-Aug | |
| Haryana | Harvesting | | | | | Jan-Feb | |
| | Sowing | | | | | | |
| Jammu & Kashmir | Harvesting | | | | Feb-Mar | | |
| | Sowing | | | | May | | |
| Jharkhand | Harvesting | | | | | | |
| | Sowing | | | | | | |
| Karnataka | Harvesting | | | | | | |
| | Sowing | Jun(B)-Aug(E) | Oct | | Dec-Jan | | |
| Madhya Pradesh | Harvesting | Sep - Nov | Jan | | Mar-Apr | | |
| | Sowing | | | | | Nov-Dec | |
| Maharashtra | Harvesting | | | | | Jul-Aug | |
| | Sowing | Jul(B)-Aug(E) | Oct | | | Oct | |
| Odisha | Harvesting | Oct - Nov | Jan | | | Feb | |
| | Sowing | | | | | | |
| | | | | | | | |

(Contd.)

Appendix IV (*Contd.*)

| States | Period | Sunflower | | Summer/ Spring | | Castor Kharif | Safflower Rabi |
|---------------|----------------------|----------------------------|-------------|----------------|-------------|--------------------|-------------------|
| | | Kharif (1) | Rabi (2) | Kharif (3) | Rabi (4) | Feb (5) | Apr-May (6) |
| Punjab | Sowing Harvesting | | | | | Feb Apr-May | |
| Rajasthan | Sowing Harvesting | | | | | Jul-Aug Jan-Feb | |
| Tamil Nadu | Sowing Harvesting | Jun(B)-Aug(E) Sep - Nov | | Oct Jan | | Jun-Jul Dec-Jan | |
| Uttar Pradesh | Sowing Harvesting | | | | | | |
| West Bengal | Sowing Harvesting | | | | | Feb Apr-May | |
| All India | Sowing Harvesting | Jun-Aug Sep-Nov | | Oct Jan | | Jul-Aug Jan-Feb | October Feb |

(Contd.)

Appendix IV (*Contd.*)

| State | Rapeseed-Mustard | Sowing Time | Harvesting Time |
|------------------|-----------------------|-------------------|-----------------|
| (1) | (2) | (3) | (4) |
| Andhra Pradesh | Mustard/ Banarasi rai | Nov (L)- Dec (E) | Feb-March |
| Assam | Toria | Nov (L) - Dec (E) | Feb-March |
| Bihar | Mustard | Oct (L) - Nov (L) | Feb-March |
| | Toria | Sep (L)- Oct(E) | Jan-Feb |
| | Yellow Sarson | Oct (E) | Feb-March |
| Chhattisgarh | Mustard | Oct (E)- Nov(E) | March |
| | Toria | Sep (L) | Dec-Jan |
| Delhi | Mustard | Oct (L)- Nov(E) | Feb-March |
| | Toria | Sep (L) | Jan |
| | Taramira | Nov(E) | March |
| Gujarat | Mustard | Oct(L) | Feb-March |
| | Yellow Sarson | Oct (L) | Feb |
| Haryana | Mustard | Within Oct | Feb-March |
| | Toria | Sep (L) | Dec-Jan |
| | Taramira | Nov(E) | March |
| Himachal Pradesh | Mustard | Oct (L)- Nov (L) | March-April |
| | Brown Sarson | Within Oct | April |
| | Gobhi Sarson | Oct (L) - Nov (L) | April |
| Jammu & Kashmir | Mustard | Oct(L)- Nov (E) | March-April |
| | Brown sarson | Within Oct | April-May |
| Jharkhand | Mustard | Oct (L) | March |
| | Toria | Oct (E) | Feb-March |
| | Yellow Sarson | Oct (E) | Feb-March |
| Karnataka | Mustard | Within Oct | Feb |
| Madhya Pradesh | Mustard | Within Oct | Feb-March |
| | Toria | Sep (L) | Dec-Jan |
| Manipur | Mustard | Within Nov | March |
| | Toria | Oct (E) | Feb-March |
| Maharashtra | Mustard | Oct (L)- Nov (E) | Feb-March |
| Odisha | Mustard | Oct (L) - Nov (L) | Feb-March |
| | Toria | Oct (E) | Feb |
| | Yellow Sarson | Oct (E) | Feb-March |
| Punjab | Mustard | Oct (L)- Nov (L) | March- April |
| | Toria | Sep (L) | Dec-Jan |
| | Taramira | Nov (E) | March |
| | Gobhi Sarson | Oct (L)- Nov (L) | March-April |
| | Karan rai | Oct (L)- Nov (L) | March-April |
| Rajasthan | Mustard | Sep (L) - Oct (L) | Feb-March |
| | Taramira | Oct (L)- Nov(E) | March |
| Uttarakhand | Mustard/ Karan rai | Oct (L)- Nov (L) | March |
| | Toria | Sep (L) | Dec-Jan |
| | Yellow Sarson | Oct (E) | March |
| Uttar Pradesh | Mustard | Within Oct | Feb-March |
| | Toria | Sep(L) | Dec-Jan |
| | Yellow Sarson | Within Oct | Feb-March |
| West Bengal | Mustard | Within Oct | Feb-March |
| | Toria | Oct (L)- Nov (E) | Feb |
| | Yellow Sarson | Oct (L)- Nov (E) | Feb-March |

(Contd.)

Appendix IV (*Contd.*)

| States/Uts | Period | Kharif Cotton | Kharif Maize | Rabi Maize |
|------------------|------------|-----------------|---------------|---------------|
| (1) | (2) | (3) | (4) | (5) |
| Andhra Pradesh | Sowing | Jun(E)-Jul(E) | Jun(M)-Jul(M) | Oct(E)-Jan(M) |
| | Harvesting | Dec(E)-Mar(M) | Sep(M)-Oct(E) | Feb(E)-May(B) |
| Bihar | Sowing | July(B) | Jun(M)-Jul(B) | Nov(B)-Dec(E) |
| | Harvesting | Oct(M)-Nov(M) | Oct(M)-Nov(M) | Feb(B)-Mar(B) |
| Gujarat | Sowing | May(B)-May(E) | Jun(E)-Jul(B) | |
| | Harvesting | Oct(B)-Apr(E) | Sep(B)-Nov(B) | |
| Haryana | Sowing | Apr(B)-Apr(M) | Jul(B)-Jul(M) | |
| | Harvesting | Oct(M)-Nov(M) | Oct(M)-Oct(E) | |
| Himachal Pradesh | Sowing | | May(M)-Jun(E) | |
| | Harvesting | | Sep(M)-Oct(M) | |
| Karnataka | Sowing | | May(M)-Jun(E) | Oct(B)-Oct(E) |
| | Harvesting | | Sep(B)-Oct(E) | Feb(B)-Mar(E) |
| Kerala | Sowing | Jun(B)-Octl(E) | | |
| | Harvesting | Dec(B)-Mar(E) | | |
| Madhya Pradesh | Sowing | Jun-Jul | Jun(M)-Jul(E) | |
| | Harvesting | Nov-Jan | Aug(M)-Nov(E) | |
| Maharashtra | Sowing | Jun-July | Jul(B)-Aug(E) | |
| | Harvesting | Nov-Jan | Oct(B)-Nov(E) | |
| Odisha | Sowing | Jun-July | Jun-Jul | |
| | Harvesting | Nov-Jan | Sep-Oct | |
| Punjab | Sowing | Apr(B)-Mar(E) | May(B)-Jun(E) | |
| | Harvesting | Oct(B)-Dec(E) | Sep(B)-Oct(E) | |
| Rajasthan | Sowing | Apr(B)-May(E) | Jun(E)-Jul(M) | |
| | Harvesting | Nov(B)-Dec(E) | Oct(B)-Nov(E) | |
| Uttar Pradesh | Sowing | Apr(B)-Jun(E) | Jun(M)-Jul(M) | |
| | Harvesting | Sep(B)-Nov(E) | Sep(M)-Oct(M) | |
| West Bengal | Sowing | Oct(B)-Nov(E) | May(E)-Jun(E) | Nov(B)-Nov(E) |
| | Harvesting | June(B)-Aug(E) | Sep(M)-Oct(M) | Mar(B)-Mar(E) |
| Tamil Nadu | Sowing | Aug-Sept | Jun(E)-Jul(M) | Sep(E)-Oct(E) |
| | Harvesting | Feb(B)-April(E) | Oct(M)-Oct(E) | Jan(B)-Jan(E) |
| All India | Sowing | Apr-Jul | May-Aug | Sep-Jan |
| | Harvesting | Sep-Dec | Sep-Nov | Jan-May |

(Contd.)

Appendix IV (*Contd.*)

| States/Uts | Period | Sugarcane | | Kharif Jute |
|------------------|------------|------------------|---------------|----------------|
| | | Kharif | Rabi | |
| (1) | (2) | (3) | (4) | (5) |
| Andhra Pradesh | Sowing | Dec(E)-Jun(M) | | |
| | Harvesting | Dec(E)-May(M) | | |
| Assam | Sowing | Mar(B)-Apr(E) | | |
| | Harvesting | Dec(B)-Jan(E) | | |
| Haryana | Sowing | Feb(M)-Mar(M) | | |
| | Harvesting | Dec(M)-March(E) | | |
| Karnataka | Sowing | Dec(B)-Mar(E)* | | |
| | Harvesting | Aug(B)-May(E) | | |
| Kerala | Sowing | | | Jun(B)-Oct(E) |
| | Harvesting | | | Oct(B)-Jan(E) |
| Madhya Pradesh | Sowing | Oct(B)-Apr(E) | | |
| | Harvesting | Oct(E)-Mar(E) | | |
| Maharashtra | Sowing | Jul(B)-Aug(E) | | |
| | Harvesting | Oct(B)-Nov(E) | | |
| Manipur | Sowing | | | Feb-Mar |
| | Harvesting | | | Aug-Sep |
| Odisha | Sowing | Feb-May | | May-Jun |
| | Harvesting | Nov-Feb | | Aug-Sep |
| Punjab | Sowing | Feb(B)-Mar(E) | | |
| | Harvesting | Nov(B)-Feb(E) | | |
| Rajasthan | Sowing | Mar(B)-Apr(E) | | |
| | Harvesting | Dec(B)-Mar(E) | | |
| Tamil Nadu | Sowing | Dec(B)-Jan(E)*** | | |
| | Harvesting | Dec(B)-Jan(E) | | |
| Tripura | Sowing | Feb-May | | Mar-May |
| | Harvesting | Dec-Mar | | Aug-Sep |
| West Bengal | Sowing | | | Mar(B)-May(E) |
| | Harvesting | | | Jul(B)-Aug(E) |
| All India | Sowing | Feb(B)-Aug(E) | Jun(B)-Oct(E) | Feb-Jun |
| | Harvesting | Aug(B)-nov(E) | Oct(B)-Jan(E) | Aug-Oct |

Source : Indian Council of Agricultural Research (Crop Science Division)

*=Annual; **Early Kharif; ***Early sugarcane

Appendix-V

Harvesting Season of Major Fruits

| State / Uts | Mango | Apple | Banana | Lime/Lemon | Grapes |
|-------------------|--------------|-------------|------------------------|------------------------|-------------|
| (1) | (2) | (3) | (4) | (5) | (6) |
| Andhra Pradesh | April - may | * | round the year | Oct. - Dec. | March-April |
| Arunachal Pradesh | * | Oct. | round the year | round the year | * |
| Assam | Jun. - Aug. | * | round the year | June - Sep. | * |
| Bihar | June - July | * | round the year | Sept. - Nov. | * |
| Chhattisgarh | April - June | * | Feb-March & July-Sep | March-April & July-Aug | * |
| Delhi | * | * | * | * | * |
| Goa | * | * | round the year | * | * |
| Gujarat | May | * | Sept. - Nov. | Sep.-oct. | * |
| Haryana | July | * | * | Dec. | June |
| Himachal Pradesh | July | Aug. - Sep. | July - Aug. | Nov-Jan. | July |
| Jammu & Kashmir | July | Sep. - Oct. | * | Nov-Dec | June - July |
| Jharkhand | May - June | * | Sept. - Nov. | Sept. - Dec. | * |
| Karnataka | April - June | * | July-Nov | July-Sep. | * |
| Kerala | Feb. - March | * | Aug.-Sept. & Nov.-Dec. | * | * |
| Madhya Pradesh | May-June | * | July - Aug. | July-Sep. | March-April |
| Maharashtra | April - may | * | round the year | March-April | March & May |
| Manipur | * | * | August | Dec. | * |
| Meghalaya | * | * | June | * | * |

(Contd.)

Appendix V (*Contd.*)

| State / UTs | Mango | Apple | Banana | Lime/Lemon | Grapes |
|-------------------|--------------|------------|------------------------|----------------------|------------|
| (1) | (2) | (3) | (4) | (5) | (6) |
| Mizoram | July | * | Feb | Aug | Oct. |
| Nagaland | July | * | round the year | * | * |
| Odisha | April - June | * | Sep. to Dec. | Aug.-Sep. | * |
| Punjab | June | * | * | round the year | May-June |
| Rajasthan | June | * | * | Aug. | June |
| Sikkim | June | * | Sep.-Oct. | * | * |
| Tamil Nadu | May-June | * | round the year | Feb. - March | May & Nov. |
| Tripura | June | * | round the year | June - July | * |
| Uttar Pradesh | June | * | Aug.-Sep. | Dec. | June |
| Uttarakhand | June-Aug | July - Aug | May-Aug | May-July & Nov.-Dec. | * |
| West Bengal | June-July | * | Aug.-Sep. | Sep. | * |
| Andaman & Nicobar | Jan. - April | * | Jan.-March & Oct.-Dec. | * | * |
| Chandigarh | * | * | * | * | * |
| D & N Haveli | May | * | Sep.-Nov. | * | * |
| Daman & Diu | May | * | Sep.-Nov. | * | * |
| Lakshadweep | * | * | round the year | * | * |
| Puducherry | June-July | * | Aug. | Jan. | * |

Source : Indian Horticulture database -2014.

* Information not available.

Appendix-VI

Harvesting Season of Major Vegetables

| State/UTs | Potato | Onion | Tomato | Cabbage | Cauliflower |
|-------------------|------------------------|--------------------------|------------------|------------------|----------------------|
| (1) | (2) | (3) | (4) | (5) | (6) |
| Andhra Pradesh | April - June | April & June Sep.-Nov. | round the year | Nov. & Jan. | Nov. & Jan. |
| Arunachal Pradesh | * | * | * | * | * |
| Assam | Dec - Jan. | Dec - Feb. | Dec-Feb. | Jan.-Feb. | Nov. - Feb. |
| Bihar | Jan.-Feb. | March-April | Jan.-Feb. | Nov. - Feb. | Dec.-Feb. |
| Chhattisgarh | Jan. - Mar. | March-April | Aug-Feb. | Aug-Feb. | Aug.-Feb. |
| Delhi | * | * | * | * | * |
| Goa | * | * | * | * | * |
| Gujarat | Jan. | Feb. | Dec. - Mar. | Dec.-Feb. | Dec.-Feb. |
| Haryana | Feb.-Mar. | April & Dec. | April-Oct. | Jan. | Jan. |
| Himachal Pradesh | May-June & Aug.-Nov. | May-June | May-Aug. | Sep.-Dec. & Feb. | Dec.-Feb.& Aug.-Oct. |
| Jammu & Kashmir | April & July | May-June | April | Oct.-April | Oct. - April |
| Jharkhand | Dec.-Feb. | March. - April. | Feb.& Dec. | Nov. - Dec. | Oct. - Dec. |
| Karnataka | Feb.-March & Sep.-Oct. | April - June & Sep.-Oct. | May-July | round the year | round the year |
| Kerala | * | * | * | * | * |
| Madhya Pradesh | Feb. - March | March. - April. | Oct. & Dec.-Feb. | Jan.-Feb. | Jan.-Feb. |
| Maharashtra | Mar. - May. | April | round the year | Jan.-Feb. | * |
| Manipur | Dec.-Jan. | * | July-Aug. | July-Aug. | Oct.-Jan. |
| Meghalaya | April | Dec. | April | Aug. | Oct. |

(Contd.)

Appendix VI (*Contd.*)

| State/UTs | Potato | Onion | Tomato | Cabbage | Cauliflower |
|-------------------|-----------------------|--------------|-------------------------|-------------|------------------------|
| (1) | (2) | (3) | (4) | (5) | (6) |
| Mizoram | Sep. | March | Aug. | Dec. | * |
| Nagaland | Feb. | Oct. | * | Feb. | March |
| Odisha | Feb. - March | Feb. - April | Jan.-March | Dec. - Mar. | Nov. - Feb. |
| Punjab | Dec.- Jan. | April | May | Dec. - Mar. | Dec.-Jan. |
| Rajasthan | Jan.-Feb. | April & Nov. | Nov-Dec. | Dec. | Jan. |
| Sikkim | June -Aug. | Feb. - March | June-Sep. | June-Oct. | Nov. - March. |
| Tamil Nadu | round the year | Aug. & Nov. | round the year | May.& Dec. | Feb. & Dec. |
| Tripura | * | * | * | * | * |
| Uttar Pradesh | Mar. - April. | March | Feb. | Jan. | Jan. |
| Uttarakhand | July-Aug. & Oct.-Dec. | May | Nov-Jan.& May-June | Nov-Aug. | Nov. - Feb.& July-Aug. |
| West Bengal | March | April | Jan. - Feb. | Nov-Feb. | Dec. - Jan. |
| Andaman & Nicobar | * | * | Oct-March & June - July | Nov-Jan. | Nov. - Jan. |
| Chandigarh | * | * | * | * | * |
| D & N Haveli | Jan. | Feb. | Dec.-Feb. | Dec. - Feb. | Dec. - Feb. |
| Daman & Diu | Jan. | * | Dec.-Feb. | Dec.-Feb. | Dec. - Feb. |
| Lakshadweep | * | * | * | * | * |
| Puducherry | April & July | April & Nov. | * | * | * |

Source : Indian Horticulture database-2014.

* Information not available.

Appendix-VII

Seed Rate of sowing for important field crops

| Crop | Variety Seed Rate | Hybrid Seed Rate (Kg/Ha) |
|------------------------------|--|---|
| (1) | (2)) | (3) |
| Cereals | | |
| Rice | 35-40 | 12-15 for normal planting 5 under SRI planting |
| Wheat | 100 | |
| Barley | 100 | |
| Sorghum | Grain Rabi 8-10; Grain Kharif 10 | 7.5 |
| Pearl Millet | 4-5 | 4-5 |
| Maize | 18-20 | 20 |
| Ragi | 10-12.5 | 10-12.5 |
| Pulses | | |
| Pigeon pea | Early duration 17-19 Medium duration 15-17 Long duration 12-15 | |
| Chickpea(Large seeded) | 75-100 | |
| Chickpea Desi (small seeded) | 65-75 | |
| Chickpea Kabuli | 100-120 | |
| Mungbean | Kharif-20, Rabi 25-30, Summer 30-35 | |
| Urdbean | Kharif-20, Rabi 25-30, Summer 30-35 | |
| Fieldpea | 80-100 | |
| Lentil | 50-60 | |
| Rajmash | 75-100 | |
| Mothbean | 15-18 | |
| Kulthi | 22-30 | |
| Oilseeds | | |
| Groundnut | 140-160 | |
| Rapeseed & M | 3-5 | 3.5 |
| Soybean | 65-75 | |
| Sunflower | 5 | 5 |
| Sesame | 5 | |
| Niger | 5 | |
| Safflower | 7 | |
| Linseed | 30 for seed type 45 for dual purpose type | |

(Contd.)

Appendix VII (*Contd.*)

| Crop | Variety Seed Rate (2)) | Hybrid Seed Rate (3) |
|---------------------|--|--|
| (1) | 5 | 5 |
| Forage crops | | |
| Sorghum | 25 in small seeded varieties; 40 in bold seeded varieties | |
| Maize | 30 | |
| Guar | 20 | |
| Pearl Millet | 20 | |
| Oats | 70 | |
| Berseem | 20-25 | |
| Gobhi Sarson | 4 | |
| Lucerne | 15 | |
| Fibre Crops | | |
| Cotton | 10-12 | Bt. Cotton - 2.25 Non-Bt. Cotton 10 |
| Jute | 5 (<i>olitorius</i>), 7 (<i>capsularis</i>) | |
| Sunhemp | 25 | |
| Mesta | 12 | |
| Sugar Crops | | |
| Sugarcane | 60 qtls. (40,000 sets of 3 buds in sub tropics) (20,000-25000 sets of 3 buds in tropics) | - |

Source : - Indian Council of Agricultural Research (ICAR)



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