



AGRICULTURAL STATISTICS AT A GLANCE 2014

**Government of India
Ministry of Agriculture
Department of Agriculture & Cooperation
Directorate of Economics & Statistics**

OXFORD

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ASHISH BAHUGUNA
SECRETARY



सत्यमेव जयते

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कृषि एवं सहकारिता विभाग
Government of India
Ministry of Agriculture
Department of Agriculture & Cooperation

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 & Statistics of the Department of Agriculture & Cooperation, Government of India annually publishes “*Agricultural Statistics at a Glance*” that presents comprehensive information on this sector. Over the years, this publication has become a trusted source of reference for a wide range of data on economic indicators, which is of immense use to academicians, researchers and policy makers alike.

It gives me great pleasure to see that the 2014 edition of this flagship publication has continued to maintain its high level of credibility. I am also happy to see that the key indicators of the “Situation Assessment Survey of Agricultural Households 2013” made public in December 2014, have also been included in this publication and will provide valuable information to all who are interested in following the progress of the agricultural sector.

This volume of “*Agricultural Statistics at a Glance 2014*” has been brought out in record time with great attention to content and quality. I compliment Mrs. Sangeeta Verma, Economic and Statistical Adviser and her team, specially Shri P.C. Bodh, Adviser and Shri J.P. Rai, Research Officer, for their efforts in maintaining excellence and timeliness in bringing out the publication.

I look forward to the comments of all users of this publication which would help us in adding value to its subsequent editions.

New Delhi
28 January 2015

(Ashish Bahuguna)

Dr. JOSEPH ABRAHAM
Principal Adviser



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8th January, 2015

Foreword

Agriculture has been a way of life and continues to be the single most important livelihood of the masses. Agricultural policy focus in India across decades has been on self-sufficiency and self-reliance in food grains production. Considerable progress has been made on this front. Food grains production rose from 52 million tonnes in 1951-52 to 265 million tonnes in 2013-14. It is important to throw light on diverse aspects of Indian agriculture through the prism of systematic organization and presentation of statistical data. The Publication "Agricultural Statistics at a glance 2014" compiled by the Directorate of Economics & Statistics, Department of Agriculture & Cooperation presents a comprehensive picture of the progress made by the agriculture sector at all India level as well as across the States.

This publication provides statistical data on a wide range of agricultural commodities, details of land use, agricultural inputs, both across states and overtime. I must put on record that this publication has been brought out in a record time. I am sure it will be of immense utility to the policy makers, researchers and those who have interest in the agriculture sector.

(Dr. Joseph Abraham)

SANGEETA VERMA

Economic & Statistical Adviser



अर्थ एवं सांख्यिकी निदेशालय
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Preface

The Directorate of Economic and Statistics in the Ministry of Agriculture maintains latest data on various aspects of agriculture, which constitute critical inputs for formulation of policies and programmes in the sector. It brings out "Agricultural Statistics at a Glance" which provides a wide range of data on diverse aspects of Indian Agriculture that are useful to economists, policy makers, researchers, agriculture scientists, students and the public at large. It will also meet the needs of different Government and Non-Government organizations working in the agricultural sector of the country. The publication contains data on crop production and productivity across States, markets and prices, terms of trade, price support and procurement domestic and international trade, credit insurance etc.

This issue has been updated with the latest available data. Like in the past, a soft copy of this publication has been uploaded on our websites, www.agricoop.nic.in & <http://eans.dacnet.nic.in/>.

I record my gratitude to all the officers of the Directorate of Economics and Statistics for bringing out the latest version of this publication in record time. I am also grateful to all the Ministries/Organizations for providing statistical data included in this edition of the "Agriculture Statistics at a Glance". I look forward to comments/suggestions from users so as to improve its utility.

(Sangeeta Verma)

January 6, 2015

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Abbreviations

A&N	Andaman & Nicobar Islands
AAY	Antyodaya Anna Yojana
AE	Advance Estimate
AGDP	Gross Domestic Product from Agriculture
AIBP	Accelerated Irrigation Benefit Programme
Ant.	Anticipated
APL	Above Poverty Line
BE	Budget Estimates
BPL	Below Poverty Line
C&F	Cost and Freight
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 Soya Bean Oil
CES	Crop Estimation Surveys
CFA	Central Financial Agency
CFCC	Crop Forecast Coordination Centre
CHAMAN	Coordinated Horticulture Assets Management Using Geoinformatics
CIF	Cost, Insurance & Freight

CIP	Central Issue Price
CPI-IW	Consumer Price Index for Industrial Workers
CPIS	Coconut Palm Insurance Scheme
CPO	Crude Palm Oil
CWWG	Crop Weather Watch Group
DAC	Department of Agriculture & Cooperation
DAP	Di Ammonium Phosphate
DES	Directorate of Economics and Statistics
E	Estimated
EARAS	Establishment of an Agency for Reporting of Agricultural Statistics
F2	Black Soil
F-414/H-777/J-34	A variety of Cotton (of Medium Staple Length)
FAO	Food and Agriculture Organization of United Nations
FAQ	Fair Average Quality
FASAL	Forecasting Agricultural output using Space, Agro-meteorology and Land-based observations
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
GoI	Government of India
GSDP	Gross State Domestic Product
GWh	Gigawatt Hour
H-4/H-6	A variety of Cotton (of Long Staple Length)
ha	Hectares
HYV	High Yielding Varieties
I	Irrigated
IAS	Improvement of Agricultural Statistics
ICAR	Indian Council of Agricultural Research
ICOR	Incremental Capital–Output Ratio
ICS	Improvement of Crop Statistics
IEBR	Internal and Extra Budgetary Resources
IEG	Institute of Economic Growth

IMD	India Meteorological Department
INM	Integrated Nutrient Management
ISOPOM	Integrated Scheme of Oilseeds, Pulses, Oilpalm and Maize
ISRO	Indian Space Research Organisation
JCI	Jute Corporation of India
K	Potash
Kg	Kilogram
KMPH	Kilometres per Hour
kWh	Kilo Watt Hour
LFPR	Labour Force Participation Rate
LPA	Long Period Average
LPCPD	Litres per Capita per Day
LS	Light Soil
MIS	Market Intervention Scheme
MNAIS	Modified National Agricultural Insurance Scheme
MSCCGMF	Maharashtra State Co-operative Cotton Growers Marketing Federation
MRP	Mixed Reference Period
MSP	Minimum Support Price
MSR	Marketed Surplus Ratio
N	Nitrogen
NA	Not Available/Not Announced
NADAMS	National Agricultural Drought Assessment and Monitoring System
NAFED	National Agricultural Co-operative Marketing Federation of India Limited
NAIS	National Agricultural Insurance Scheme
NC	Not Collected
NCAER	National Council of Applied Economic Research
NCFC	National Crop Forecast Centre
NDDB	National Dairy Development Board
Neg.	Negligible
NNP	Net National Product
NQ	Not Quoted
NR	Not Recommended/Not Reported
NSA	Net Sown Area
NSSO	National Sample Survey Organization
OECD	Organisation of Economic Cooperation and Development
OPAE	Oil Palm Area Expansion

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/Public Sector Enterprise
PSS	Price Support Scheme
QE	Quick Estimate
R	Revised
R&D	Research & Development
R&M	Rapeseed & Mustard
RBD	Refined, Bleached and Deodorized
RE	Revised Estimates
RKVY	Rashtriya Krishi Vikas Yojana
RMC	Regional Ministers Conference
RRB	Regional Rural Bank
RRBB	Regional Rural Bank Branch
RS	Remote Sensing
SASA	State Agricultural Statistical Authority
SCB	State Cooperative Bank
SDP	State Domestic Product
SLDB	State Land Development Bank
SRS	Sample Registration Scheme
SSP	Single Super Phosphate
T	Target
TD-5	A variety of Jute
TE	Triennium Ending
TPDS	Targeted Public Distribution System
TRQ	Tariff Rate Quota
TRRM	Tropical Rains Measuring Mission
TT	Tentative Targets
UI	Un-irrigated
UK	United Kingdom
URP	Uniform Reference Period
USA	United States of America
UT	Union Territory
VDA	Variable Dearness Allowance
WBCIS	Weather-based Crop Insurance Scheme
WPI	Wholesale Price Index
WTO	World Trade Organization
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 1 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	=	1000kg
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 foodgrains, oilseeds, sugarcane, fibres and important commercial and horticulture crops. These crops together account for nearly 80% of agricultural 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 union territories (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-East states (other than Arunachal Pradesh, Nagaland, Tripura and Sikkim), Goa, UTs of Andaman & Nicobar Islands, Daman & Diu and Lakshadweep, 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 Office (NSSO) has been providing technical guidance to the states and UTs for organizing and conducting Crop Estimation Surveys for estimating yield rates of principal crops. In addition, NSSO in collaboration with states/UTs implements sample check programmes on area enumeration work, area aggregation and conduct of crop cutting experiments under the Improvement of Crop Statistics (ICS) scheme. 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 fieldwork, and in the process gathers micro-level information relating to conduct of CCEs for estimation of crop yield. The results of GCES are analysed and an annual publication, *Consolidated Results of Crop Estimation Surveys on Principal Crops*, is published 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 2010-11 are given in Table 1.1.

Table 1.1 Experiments Planned under GCES during 2010-11

Crop Type/Crop	No. of Experiments Planned		
	Kharif*	Rabi	Total
1. Food Crops			
Paddy	191050	34865	225915
Wheat	-	176806	176806
Jowar	22140	16863	39003
Bajra	32050	872	32922
Maize	41927	3870	45797
Ragi	11161	1705	12866
Barley	-	4667	4667
Gram	-	33244	33244
Sugarcane#	26920	381	27301
Other Crops	108541	60136	168677
Total	433789	333409	767198
2. Non-Food Crops			
Groundnut	20683	7062	27745
Sesamum	17249	3614	20863
Castor	2688	-	2688
Rapeseed & Mustard	-	36964	36964
Linseed	-	4568	4568
Cotton	18362	-	18362
Jute	3510	-	3510
Mesta	923	-	923
Other Crops	20608	15796	36404
Total	84023	68004	152027
Total (1+2)	517812	401413	919225
Grand Total			919225

Source: AS Wing, NSSO (FOD), Faridabad.

*: Experiments planned under NAIS in the state of Tamil Nadu are excluded.

#: 381 experiments of Sugarcane are planned during 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.

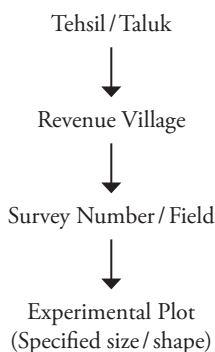


Figure 1.1 Sampling Design for GCES

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 ha or lies between 40,000 and 80,000 ha 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 seedbed, 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 set up 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

The Crop Forecast Coordination Centre (CFCC), DES is implementing a central sector plan scheme “Forecasting Agricultural Output using Space, Agro-meteorology and Land-based observations (FASAL)” which is in operation since August 2006. The scope of work of the FASAL scheme involved developing (i) econometric, (ii) Agromet and (iii) Remote Sensing (RS) based model to generate crop forecasts (i) in the beginning of the season, (ii) during mid-season crop growth and (iii) in the mid- and pre-harvest stage of crop growth respectively, at national, state and district level. Thus, multiple forecast of 11 major crops namely rice (kharif and rabi), jowar (kharif and

rabi), maize, bajra, jute, ragi, cotton, sugarcane and groundnut (kharif and rabi), rapeseed and mustard (R&M) and wheat were envisaged at national/state/district level depending on the status of technology available.

In order to give further impetus to use of 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 RS methodologies developed by ISRO to a new centre to be created in the Department of Agriculture & Cooperation (DAC) itself allowing Indian Space Research Organisation (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. The new centre, Mahalanobis National Crop Forecast Centre (NCFC), has commenced operationalizing the RS methodology transferred from ISRO.

Objectives and functions of NCFC

The NCFC has been created as an attached office of DAC with a view to preparing multiple forecasts of season crop and assessment of drought situation using state-of-the-art techniques and methodologies for selected major crops. Objectives and functions of the centre are given below:

- i. Multiple forecasts of 11 major crops namely rice (kharif and rabi), jowar (kharif and rabi), maize, bajra, jute, ragi, cotton, sugarcane and groundnut (kharif and rabi), R&M and wheat at national/state/district level.
- ii. Operationalization of existing methodologies developed by ISRO regarding crop forecasts as part of FASAL and drought assessment based on National Agricultural Drought Assessment and Monitoring System (NADAMS) project on immediate basis.
- iii. Inclusion of additional crops in crop forecast and sub-district level moderate to high resolution drought assessment in the entire country in collaboration with ISRO within a period of 2 years from commissioning of the Centre.
- iv. Development and refinement of crop forecasts and drought assessment based on current and future trends in satellite and related technologies within a period of 3 years from commissioning of the Centre.
- v. Maintenance and statistical analysis of database comprising all data generated/used as part of the FASAL and NADAMS projects, forecast of results from India Meteorological Department (IMD), SASAs, Institute of Economic Growth (IEG), Indian Council of Agricultural

- Research (ICAR), etc. for making operational forecasts of selected crops and making the same available regularly to decision makers and identified users.
- vi. Assimilation of results of crop forecasts information from the projects/ programmes such as flood, drought monitoring, etc. and generation of the required information.
 - vii. Evolution of the centre to coordinate use of geometrics in other fields of agriculture such as cropping system, horticulture, soil and its health, rain-fed area assessment and its management planning, estimation of damage due to natural calamities, etc. by the end of the Twelfth Five Year Plan period.
 - viii. In the long run, work towards assessing the crop prospects using remote sensing and geographic information system on a global level.

Present Status

The NCFC is bringing out, at regular periodicity estimation of area, production and yield for eight crops, viz. rice (kharif and rabi), jowar (rabi), jute, cotton, sugarcane, R&M, wheat and potato at national, state and district levels. These estimates are used to validate the periodic forecast of area, production and yield brought out by the DES.

The NCFC has also initiated work in the CHAMAN (Coordinated Horticulture Assets Management Using Geoinformatics) project designed to estimate area, production and yield of seven horticulture crops in eleven states.

2

Socioeconomic Indicators

Table 2.1 Selected Economic and Social Indicators

Indicators	1950-51	1960-61	1970-71	1980-81	1990-91	2000-01	2009-10	2010-11	2011-12	2012-13	2013-14
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Economic Indicators											
GDP at factor cost (at current prices in Rs crore)	10036	17049	44382	136838	531814	2000743	6108903	7248860 ^{3R}	8391691 ^{2R}	9388876 ^{1R}	10472807 ^f
GDP at factor cost (at constant prices in Rs crore)	279618	410279	589787	798506	1347889	2348481	4516071	4918533 ^{3R}	5247530 ^{2R}	5482111 ^{1R}	5741791 ^f
Per Capita Net National Income (at factor cost at constant prices in Rs)	7114	8889	10016	10712	14330	20362	33901	36202 ^{3R}	38048 ^{2R}	38856 ^{1R}	39904 ^f
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	36.5 ^{3R}	35.5 ^{2R}	34.8 ^{1R}	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	33.7 ^{3R}	31.3 ^{2R}	30.1 ^{1R}	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	102.7	121.0	125.2	124.2	128.9 ^{2r}
Index of Industrial Production (Base: 2004-05=100) ^a	7.9	15.6	28.1	43.1	91.6	162.6	152.9	165.5	170.3	172.2	172.1
Wholesale Price Index Average ^c	6.8	7.9	14.3	36.8	73.7	155.7	130.8	143.3	156.1	167.6	177.6 ^f
Consumer Price Index for Industrial Workers ^d	17	21.0	38.0	81.0	193.0	444.0	163.0	180.0	195.0	215.0	236.0
OUTPUT											
(a) Foodgrains (million tonnes)	50.8	82.0	108.4	129.6	176.4	196.8	218.1	244.5	259.3	257.1	264.77 ^e
(b) Coal and Lignite ^g (million tonnes)	32.3	55.2	76.3	119.0	225.5	332.6	566.1	570.4	582.3	602.9	609.8

(c) Crude Oil (million tonnes)	0.3	0.5	6.8	10.5	33.0	32.4	33.7	37.7	38.1	37.9 ^f	37.8 ^f
(d) Electricity Generated (utilities only) (billion kWh)	5.0	17.0	56.0	121.0	264.0	500.0	800.0	845.0	923.0	907.0	962.0
Plan outlay (Rs crore)	2601	1117	2524	15023	58369	185737	717035	826268	936292	1109692 (RE)	1370936 (BE)
Foreign Trade											
(i) Exports (Rs crore)	606	642	1535	6711	32553	203571	845534	1142922	1465959	1634319	1894182
(US\$ million)	1269	1346	2031	8486	18143	44076	178751	251136	304624	300401	312610
(ii) Imports (Rs crore)	608	1122	1634	12549	43198	230873	1363736	1683467	2345463	2669162	2714182
(US\$ million)	1273	2353	2162	15869	24075	49975	288373	369769	489181	490737	450068
Foreign Exchange Reserves ^h (excluding gold, SDRs and Reverse Tranche Position at IMF); (Rs crore)	911	186	438	4822	4388	184482	1149650	1224883	1330511	1412631	1660914
(US\$ million)	1914	390	584	5850	2236	39554	254685	274330	260069	259726	276359
Social Indicators											
Population (million) ⁱ	361	439.2	548.2	683.3	846.4	1028.7	1170.0	1186.0	1202.0	1217.0	1233.0
Birth Rate (per 1000) ^j	39.9	41.7	36.9	33.9	29.5	25.4	22.1	21.8	21.6 ^b	NA	NA
Death Rate (per 1000) ^j	27.4	22.8	14.9	12.5	9.8	8.4	7.2	7.1	7.0 ^b	NA	NA
Life Expectancy at Birth (in years) ^k	32.1	41.3	45.6	50.4	58.7	62.5	NA	66.1 ^b	NA	NA	NA
(a) Male	32.5	41.9	46.4	50.9	58.6	61.6	NA	64.6 ^b	NA	NA	NA
(b) Female	31.7	40.6	44.7	50.0	59.0	63.3	NA	67.6 ^b	NA	NA	NA
Education: Literacy Rate (%) ^l	18.3	28.3	34.4	43.6	52.2	64.8	NA	74.04	NA	NA	NA
(a) Male	27.2	40.4	46.0	56.4	64.1	75.3	NA	82.14	NA	NA	NA
(b) Female	8.9	15.4	22.0	29.8	39.3	53.7	NA	65.46	NA NA	NA	NA

Source: Economic Survey 2013-14 and CSO.

(Contd.)

Table 2.1 (Contd.)

Notes: 1R 1st Revised Estimates, 2R 2nd Revised Estimates, 3R 3rd Revised Estimates, BE Budget Estimate, RE Revised Estimate.

2r 2nd Advance Estimate.

NA Not available.

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

b Abridged Life Table 2006-10, Registrar General of India.

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 Provisional.

g Coal output includes Meghalaya Coal from 2005-06 and onwards.

h As on end-March.

i Relate to mid-financial year (as on October 1) based on population figures of CSO.

j For calendar year. Figure shown against 1990-91 is for calendar year 1991 and so on. Source: Office of RGI.

k 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, centred at midpoints of the decade, i.e., 1946, 1956, 1966 and 1976. The estimates for 1990-91 and 1991-92 refer to the periods 1988-92 and 1989-93 respectively. The estimates for 2005-06 refer to the period 2001-05. The estimates for 2006-07 refers to the period 2002-06.

l 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 and 2001 to population aged 7 years and above. All India literacy rates exclude Assam for 1981 and Jammu & Kashmir for 1991. For 2005-06, data is based on National Family Health Survey (2005-06) (6+ years).

Table 2.2 Population and Growth Rate, 2011

S. No.	States/UTs	Population		Total	Percent Decadal Growth	
		Male	Female		1991-2001	2001-11
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	India	62,32,70,258	58,75,84,719	1,21,08,54,977	21.54	17.72
1	Jammu & Kashmir	66,40,662	59,00,640	1,25,41,302	29.43	23.64
2	Himachal Pradesh	34,81,873	33,82,729	68,64,602	17.54	12.94
3	Punjab	1,46,39,465	1,31,03,873	2,77,43,338	20.10	13.89
4	Chandigarh	5,80,663	4,74,787	10,55,450	40.28	17.19
5	Uttarakhand	51,37,773	49,48,519	1,00,86,292	20.41	18.81
6	Haryana	1,34,94,734	1,18,56,728	2,53,51,462	28.43	19.90
7	Delhi	89,87,326	78,00,615	1,67,87,941	47.02	21.21
8	Rajasthan	3,55,50,997	3,29,97,440	6,85,48,437	28.41	21.31
9	Uttar Pradesh	10,44,80,510	9,53,31,831	19,98,12,341	25.85	20.23
10	Bihar	5,42,78,157	4,98,21,295	10,40,99,452	28.62	25.42
11	Sikkim	3,23,070	2,87,507	6,10,577	33.06	12.89
12	Arunachal Pradesh	7,13,912	6,69,815	13,83,727	27.00	26.03
13	Nagaland	10,24,649	9,53,853	19,78,502	64.53	-0.58
14	Manipur	14,38,586	14,17,208	28,55,794	24.86	31.80
15	Mizoram	5,55,339	5,41,867	10,97,206	28.82	23.48
16	Tripura	18,74,376	17,99,541	36,73,917	16.03	14.84
17	Meghalaya	14,91,832	14,75,057	29,66,889	30.65	27.95
18	Assam	1,59,39,443	1,52,66,133	3,12,05,576	18.92	17.07
19	West Bengal	4,68,09,027	4,44,67,088	9,12,76,115	17.77	13.84

(Contd.)

Table 2.2 (Contd.)

S. No.	States/UTs	Population		Total	Percent Decadal Growth	
		Male	Female		1991-2001	2001-11
(1)	(2)	(3)	(4)	(5)	(6)	(7)
20	Jharkhand	1,69,30,315	1,60,57,819	3,29,88,134	23.36	22.42
21	Odisha	2,12,12,136	2,07,62,082	4,19,74,218	16.25	14.05
22	Chhattisgarh	1,28,32,895	1,27,12,303	2,55,45,198	18.27	22.61
23	Madhya Pradesh	3,76,12,306	3,50,14,503	7,26,26,809	24.26	20.35
24	Gujarat	3,14,91,260	2,89,48,432	6,04,39,692	22.66	19.28
25	Daman & Diu	1,50,301	92,946	2,43,247	55.73	53.76
26	Dadra & Nagar Haveli	1,93,760	1,49,949	3,43,709	59.22	55.88
27	Maharashtra	5,82,43,056	5,41,31,277	11,23,74,333	22.73	15.99
28	Andhra Pradesh	4,24,42,146	4,21,38,631	8,45,80,777	14.59	10.98
29	Karnataka	3,09,66,657	3,01,28,640	6,10,95,297	17.51	15.60
30	Goa	7,39,140	7,19,405	14,58,545	15.21	8.23
31	Lakshadweep	33,123	31,350	64,473	17.30	6.30
32	Kerala	1,60,27,412	1,73,78,649	3,34,06,061	9.43	4.91
33	Tamil Nadu	3,61,37,975	3,60,09,055	7,21,47,030	11.72	15.61
34	Puducherry	6,12,511	6,35,442	12,47,953	20.62	28.08
35	Andaman & Nicobar Islands	2,02,871	1,77,710	3,80,581	26.90	6.86

Source: Registrar General of India.

Table 2.3(a) Population and Agricultural Workers

Year	Total Population (2)	Average Annual Exponential Growth Rate (%) (3)	Rural Population (4)	Agricultural Workers (Rs Million)		Total (7)
				Cultivators (5)	Agricultural Labourers (6)	
1951	361.1	1.25	298.6 (82.7)	69.9 (71.9)	27.3 (28.1)	97.2
1961	439.2	1.96	360.3 (82.0)	99.6 (76.0)	31.5 (24.0)	131.1
1971	548.2	2.20	439.0 (80.1)	78.2 (62.2)	47.5 (37.8)	125.7
1981	683.3	2.22	525.6 (76.9)	92.5 (62.5)	55.5 (37.5)	148.0
1991	846.4	2.16	630.6 (74.5)	110.7 (59.7)	74.6 (40.3)	185.3
2001	1028.7	1.97	742.6 (72.2)	127.3 (54.4)	106.8 (45.6)	234.1
2011	1210.8	1.50	833.7 (68.9)	118.7 (45.1)	144.3 (54.9)	263.0

Source: Registrar General of India.

- Notes: 1. For 2011, figures include the estimated population of Mao-maram, Paomata and Purul sub-divisions of Senapati district of Manipur.
2. 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.
3. 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 columns 5-7 exclude Jammu & Kashmir.
4. 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 columns 5-7 exclude Assam.
5. Figures within parentheses in column 4 are percentages to the total population.
6. Figures within parentheses in columns 5 and 6 are percentages to column 7.

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

States/UTs	Total/ Urban/ Rural	(2)	Total Population	Total Working Population	Total Main Workers	Total Marginal Workers	Total Non- workers	(8) Male Population	(9) Male Working Population	(10) Male Main Workers	(11) Female Population	(12) Female Working Population	(13) Female Main Workers
India	Total	1210854977	481743311	362446420	119296891	728826262	623270258	331865930	273149359	587584719	149877381	89297061	
	Rural	833748852	348597535	245749270	102848265	484865913	427781058	226763068	178034713	405967794	121834467	67714557	
	Urban	377106125	133145776	116697150	16448626	243960349	195489200	105102862	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	1496921	3305180	3481873	2043373	1438989	3382729	1516049	623512	
	Rural	6176050	3289384	1822109	1467275	2886666	3110345	1836358	1247874	3065705	1453026	574235	
	Urban	688552	270038	240392	29646	418514	371528	207015	191115	317024	63023	49277	
Punjab	Total	27743338	9897362	8450936	1446426	17845976	14639465	8074157	7264631	13103873	1823205	1186305	
	Rural	17344192	6179199	5107024	1072175	11164993	9093476	4995819	4417839	8250716	1183380	689185	
	Urban	10399146	3718163	3343912	374251	6680983	5545989	3078338	2846792	4853157	639825	497120	
Chandigarh	Total	1055450	404136	385929	18207	651314	580663	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	799864	
	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	3672588	7735353	1610898	763217	
	Urban	8842103	2913396	2579478	333918	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	226321	111500	103568	192721	18727	14942	
	Urban	16368899	5456822	5188819	268003	10912077	8761005	4650526	4459142	7607894	806296	729677	

Rajasthan	Total	68548437	29886255	21057968	8828287	38662182	35550997	18297076	15243537	32997440	11589179	5814431
	Rural	51500352	24385233	16173343	8211890	27115119	26641747	13775469	11069837	24858605	10609764	5103506
	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	155317278	51950980	33538817	18412163	103366298	80992995	38352879	27812347	74324283	13598101	5726470
	Urban	44495063	13863735	11096675	2767060	30631328	23487515	11493883	9607952	21007548	2369852	1488723
Bihar	Total	104099452	34724987	21359611	13365376	69374465	54278157	25222189	17270690	49821295	9502798	4088921
	Rural	92341436	31359767	18723966	12635801	60981669	48073850	22436685	14988080	44267586	8923082	3735886
	Urban	11758016	3365220	2635645	729575	8392796	6204307	2785504	2282610	5553709	579716	353035
Sikkim	Total	610577	308138	230397	77741	302439	323070	194358	160513	287507	113780	69884
	Rural	456999	243785	173682	70103	213214	242797	148186	119014	214202	95599	54668
	Urban	153578	64353	56715	7638	89225	80273	46172	41499	73305	18181	15216
Arunachal Pradesh	Total	1383727	587657	478721	108936	796070	713912	350273	301109	669815	237384	177612
	Rural	1066358	470315	377388	92927	596043	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	299177	143445	125820	271789	70317	47685
Manipur	Total	2855794	1159053	855012	304041	1411337	1438586	665463	554518	1417208	493590	300494
	Rural	2021640	813604	594331	219273	922632	1026884	460140	381865	994756	353464	212466
	Urban	834154	345449	260681	84768	488705	411702	205323	172653	422452	140126	88028
Mizoram	Total	1097206	486705	415030	71675	610501	555339	290740	263305	541867	195965	151725
	Rural	525435	252382	217824	34558	273053	269135	145091	134888	256300	107291	82936
	Urban	571771	234323	197206	37117	337448	286204	145649	128417	285567	88674	68789
Tripura	Total	3673917	1469521	1077019	392502	2204396	1874376	1045326	887881	1799541	424195	189138
	Rural	2712464	1116076	776583	339493	1596388	1387173	767767	637023	1325291	348309	139560
	Urban	961453	353445	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

(Contd.)

Table 2.3b (Contd.)

States/UTs	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
		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
Assam		Total	31205576	11969690	8687123	3282567	19235886	15939443	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	317699	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	7658364	14128920	2169007	1538781
Jharkhand		Total	32988134	13098274	6818595	6279679	19889860	16930315	8424769	5234442	16057819	4673505	1584153
		Rural	25055073	10777152	4886840	5890312	14277921	12776486	6484142	3563422	12278587	4293010	1323418
		Urban	7933061	2321122	1931755	389367	5611939	4153829	1940627	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	25545198	12180225	8241714	3938511	13364973	12832895	7133866	5597454	12712303	5046359	2644260
		Rural	19607961	10063114	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
Gujarat		Total	60439692	24767747	20365374	4402373	35671945	31491260	18000914	16567695	28948432	6766833	3797679
		Rural	34694609	15570092	11878120	3691972	19124517	17799159	10171584	9141339	16895450	5398508	2736781
		Urban	25745083	9197655	8487254	710401	16547428	13692101	7829330	7426356	12052982	1368325	1060898
Daman & Diu		Total	243247	121271	116435	4836	121976	150301	107434	104614	92946	13837	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	29989314	54131277	16811003	13773576
	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	282129075	10370599	8894410	1476189	17848476	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	1458545	577248	476053	101195	881297	739140	419536	356967	719405	157712	119086
	Rural	551731	215536	164519	51017	336195	275436	152986	122042	276295	62550	42477
	Urban	906814	361712	311534	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
Kerala	Total	33406061	11619063	9329747	2289316	21786998	16027412	8451569	7179828	17378649	3167494	2149919
	Rural	17471135	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	18368260	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	306409	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	142624	126287	74670	60411	110806	19799	11955
	Urban	143488	58066	53544	4522	85422	76584	46219	43208	66904	11847	10336

Source: Registrar General of India.

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

2. The Population of India and Manipur exclude Mao-maram, Paomata and Purul sub-divisions of Seagate district in Manipur.

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

States/UTs	Total/ Urban/ Rural	Cultivators (Main and Marginal)	Agricultural Labourers (Main and Marginal)	Male Cultivators (Main and Marginal)	Male Agricultural Labourers (Main and Marginal)	Female Cultivators (Main and Marginal)	Female Agricultural Labourers (Main and Marginal)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
India	Total	118692640	144329833	82706724	82740351	35985916	61589482
	Rural	114968498	136994451	79839098	77930236	35129400	59064215
	Urban	3724142	7335382	2867626	4810115	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	31352	5940	8123
	Rural	13614	8528	11280	6473	2334	2055
	Urban	19784	30947	16178	24879	3606	6068

Rajasthan	Total	13618870	4939664	7518486	2132669	6100384	2806995
	Rural	13358033	4733917	7349824	2013143	6008209	2720774
	Urban	260837	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	259454	31857	278248	31105
	Rural	516783	55677	250559	28133	266224	27544
	Urban	20919	7285	8895	3724	12024	3561
Manipur	Total	457891	111061	270899	44046	186992	67015
	Rural	407397	86787	236998	33811	170399	52976
	Urban	50494	24274	33901	10235	16593	14039
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

(Contd.)

Table 2.3c (Contd.)

States/UTs	Total/ Urban/ Rural	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Meghalaya	Total								
	Rural								
	Urban								
Assam	Total								
	Rural								
	Urban								
West Bengal	Total								
	Rural								
	Urban								
Jharkhand	Total								
	Rural								
	Urban								
Odisha	Total								
	Rural								
	Urban								
Chhattisgarh	Total								
	Rural								
	Urban								
Madhya Pradesh	Total								
	Rural								
	Urban								
Gujarat	Total								
	Rural								
	Urban								

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
Karnataka	Total	6580649	7155963	4753708	3283279	1826941	3872684
	Rural	6340930	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	6252	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

(Contd.)

Table 2.3c (Contd.)

States/UTs	Total/ Urban/ Rural	Cultivators (Main and Marginal)	Agricultural Labourers (Main and Marginal)	Male Cultivators (Main and Marginal)	Male Agricultural Labourers (Main and Marginal)	Female Cultivators (Main and Marginal)	Female Agricultural Labourers (Main and Marginal)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
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.

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

2. The Population of India and Manipur exclude Mao-maram, Paomata and Purul sub-divisions of Senapati district of Manipur.

Table 2.4 State-wise Percentage of Population below Poverty Line

(Tendulkar Methodology) (in %)

States/UTs	2004-05			2009-10			2011-12		
	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
(1)									
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.)

(Contd.)

Table 2.4 (Contd.)

States/UTs	2004-05			2009-10			2011-12		
	Rural (2)	Urban (3)	Total (4)	Rural (5)	Urban (6)	Total (7)	Rural (8)	Urban (9)	Total (10)
(1)									
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: Perspective Planning Division, Planning Commission.

1. 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)
2. 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)
3. Number of persons below poverty line in 2011-12 are estimated based on Population as on 1st March 2012 (2011 census population extrapolated)
4. Poverty line of Tamil Nadu is used for Andaman & Nicobar Islands.
5. Urban poverty line of Punjab is used for both rural and urban areas of Chandigarh.
6. Poverty line of Maharashtra is used for Dadra & Nagar Haveli.
7. Poverty line of Goa is used for Daman & Diu.
8. Poverty line of Kerala is used for Lakshadweep.

Table 2.5 Population and Labour Force Projections

Year	2011	2012	2013	2014	2015	2016	2017
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Total Population (0+ years) (in millions)	1210.2	1227.1	1244.0	1260.6	1277.1	1293.5	1309.7
Population (15 years and above) (%)	70.2	71.0	71.8	72.6	73.4	74.2	75.0
Population (15 years and above) (in millions)	849.6	871.3	893.2	915.2	937.4	959.8	982.2
LFPR for 15 years and above age group (%)	56.3	55.4	54.6	53.7	52.9	52.0	51.2
Labour force (15 years and above) (in millions)	477.9	482.7	487.2	491.5	495.4	499.1	502.4

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

Note: LFPR Labour Force Participation Rate.

Table 2.6(a) Gross Domestic Product (GDP) by Economic Activity at 2004-05 Prices

Industry	(Rs Crores)										
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1. Agriculture, forestry & fishing		565426	594487	619190	655080	655689	660987	717814	753832	764510	800548
1.1 Agriculture		476634	502996	523745	556956	555442	557715	610905	643543	649424	
1.2 Forestry and logging		61640	62742	64795	65697	66932	68877	70509	71816	73864	
1.3 Fishing		27152	28749	30650	32427	33315	34395	36400	38473	41222	
2. Industry		829783	910413	1021204	1119995	1169736	1276919	1373339	1480657	1494921	1500225
2.1 Mining and quarrying		85028	86141	92578	95997	98055	103830	110617	110725	108328	106838
3. Manufacturing		453225	499020	570458	629073	656302	730435	795152	854098	863876	857705
3.1 Registered		292344	327739	379374	417528	442055	504601	555240	607589	614569	
3.2 Unregistered		160881	171281	191084	211545	214247	225834	239912	246509	249307	
4. Electricity, gas and water supply		62675	67123	73362	79430	83050	88218	92862	100646	102922	109018
5. Construction		228855	258129	284806	315495	333229	354436	374708	415188	419795	426664
Services		1576255	1748173	1923970	2121561	2333251	2578165	2827380	3013041	3222680	3441017
6. Trade, hotels and restaurant		477303	535397	594918	655013	692224	747019	836352	846630	884308	892958
6.1 Trade		433967	484521	536693	589242	628627	682207	764018	771572	808908	
6.2 Hotels and restaurants		43336	50876	58225	65771	63597	64812	72334	75058	75400	
7. Transport, storage and communication		250417	280010	315166	354507	392901	450872	507672	555631	589045	624868
7.1 Railways		29162	31339	34832	38235	41161	44763	47404	50963	51112	
7.2 Transport by other means		169995	185741	202367	219969	231564	248380	268669	291886	311173	
7.3 Storage		1980	2073	2298	2375	2711	3233	3353	3450	3748	
7.4 Communication		49280	60857	75669	93928	117465	154496	188246	209332	223012	

8. Financing, insurance, real estate & business services	437174	492340	561063	628124	703629	771905	849189	945534	1048748	1183714
8.1 Banking & insurance	171098	198158	238899	278776	317826	353983	406609	459142	513519	
8.2 Real estate, ownership of dwellings, business & legal services	266076	294182	322164	349348	385803	417922	442580	486392	535229	
9. Community, social and personal services	411361	440426	452823	483917	544497	608369	634167	665246	700579	739477
9.1 Public administration and defence	174638	182212	185639	199773	239349	281365	280268	292138	302149	
9.2 Other services	236723	258214	267184	284144	305148	327004	353899	373108	398430	
10. Gross domestic product at factor cost (1 to 9)	2971464	3253073	3564364	3896636	4158676	4516071	4918533	5247530	5482111	5741791
11. Total Net Domestic Product at factor cost	2651573	2902180	3178664	3469008	3689772	3994165	4348233	4619695	4794228	4988116
12. Net Factor Income from Abroad	-22375	-24896	-29515	-17179	-25384	-27757	-54647	-46367	-65452	-67933
13. NNP at Factor Cost	2629198	2877284	3149149	3451829	3664388	3966408	4293586	4573328	4728776	4920183
14. Per Capita NNP (Rs)	24143	26015	28067	30332	31754	33901	36202	38048	38856	39904

Source: Central Statistics Office.

Notes: * First Revised Estimates.

\$ Second Revised Estimates.

** Provisional Estimates.

Table 2.6(b) Gross Domestic Product by Economic Activity at Current Prices

		(Rs Crores)									
Industry		2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12 ^s	2012-13*	2013-14**
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
1.	Agriculture, forestry & fishing	565426	637772	722984	836518	943204	1083514	1319686	1499098	1644926	1906348
	1.1 Agriculture	476634	536822	604672	716276	806646	9,28,586	1143517	1300569	1417468	
	1.2 Forestry and logging	61640	69251	83130	81311	92485	1,04,558	118898	131667	149405	
	1.3 Fishing	27152	31699	35182	38931	44073	50,370	57271	66862	78053	
2.	Industry	829783	953872	1140197	1330270	1500254	1695796	1968450	2284366	2460445	2594171
	2.1 Mining and quarrying	85028	94462	106787	124812	139828	159304	204866	222716	222416	222652
3.	Manufacturing	453225	521669	634828	732720	818322	922151	1072489	1236182	1320907	1350039
	3.1 Registered	292344	345443	427075	492758	561460	643538	754553	885547	948913	
	3.2 Unregistered	160881	176226	207753	239962	256862	278613	317936	350635	371994	
4.	Electricity, gas and water supply	62675	69107	76153	83830	91070	113883	119560	135670	157132	203049
5.	Construction	228855	268634	322429	388908	451034	500458	571535	689798	759990	818432
Services		1576255	1798859	2090095	2415298	2860109	3329593	3960723	4608227	5283505	5972288
6.	Trade, hotels & restaurant	477303	566929	675347	783247	895397	1010232	1250472	1457565	1615865	1728836
	6.1 Trade	433967	513238	609623	705025	813503	923004	1143104	1330489	1479787	
	6.2 Hotels & restaurants	43336	53691	65724	78222	81894	87228	107368	127076	136078	
7.	Transport, storage & communication	250417	279677	323032	366797	415448	471391	529158	614707	708830	781072
	7.1 Railways	29162	30771	37429	43608	47478	55,571	56,877	62710	70616	
	7.2 Transport by other means	169995	192716	224389	254404	289327	325126	387533	456754	529037	
	7.3 Storage	1980	2155	2520	2716	3213	4211	4649	5496	6446	
	7.4 Communication	49280	54035	58694	66069	75430	86483	80099	89747	102731	

8. Financing, insurance, real estate & business services	437174	493102	586595	691464	845369	964937	1165243	1381524	1617076	1939482
8.1 Banking & insurance	171098	184118	217196	251195	298931	331793	410407	481495	549500	
8.2 Real estate, ownership of dwellings, business & legal services	266076	308984	369399	440269	546438	633144	754836	900029	1067576	
9. Community, social and personal services	411361	459151	505121	573790	703895	883033	1015850	1154431	1341734	1522898
9.1 Public administration & defence	174638	189827	206081	234992	306653	403641	442120	498346	567193	
9.2 Other services	236723	269324	299040	338798	397242	479392	573730	656085	774541	
10. Gross domestic product at factor cost (1 to 9)	2971464	3390503	3953276	4582086	5303567	6108903	7248860	8391691	9388876	10472807
11. Total Net Domestic Product at factor cost	2651573	3026782	3534547	4097390	4738370	5449104	6488641	7511795	8372744	9299345
12. Net Factor Income from Abroad	-22375	-26116	-33234	-20512	-32923	-38000	-81807	-76830	-116766	-128300
13. NNP at factor cost	2629198	3000666	3501313	4076878	4705447	5411104	6406834	7434965	8255978	9171045
14. Per Capita NNP (Rs)	24143	27131	31206	35825	40775	46249	54021	61855	67839	74380

Source: Central Statistics Office.

Notes: \$ Second Revised Estimates.

* First Revised Estimates.

** Provisional Estimates.

Table 2.6(c) Percentage Share of GDP at 2004-05 Prices

Industry	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11 ^a	2011-12 ^b	2012-13*	2013-14**	(%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
I. Agriculture, forestry and fishing	19.0	18.3	17.4	16.8	15.8	14.6	14.6	14.4	13.9	13.9	
Agriculture	16.0	15.5	14.7	14.3	13.4	12.3	12.4	12.3	11.8		
Forestry and logging	2.1	1.9	1.8	1.7	1.6	1.5	1.4	1.4	1.3		
Fishing	0.9	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.8		
II. Industry	27.9	28.0	28.7	28.7	28.1	28.3	27.9	28.2	27.3	26.1	
Mining and quarrying	2.9	2.6	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.9	
Manufacturing	15.3	15.3	16.0	16.1	15.8	16.2	16.2	16.3	15.8	14.9	
Electricity, gas and water supply	2.1	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.9	
Construction	7.7	7.9	8.0	8.1	8.0	7.8	7.6	7.9	7.7	7.4	
III. Services	53.0	53.7	54.0	54.4	56.1	57.1	57.5	57.4	58.8	59.9	
Gross domestic product at factor cost	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

Source: Central Statistics Office.

Notes: * First Revised Estimate.

\$ Second Revised Estimate.

^ Third Revised Estimates.

** Provisional Estimates.

Table 2.6(d) Percentage Growth of GDP at 2004-05 Prices

Industry	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)
I. Agriculture, forestry and fishing	5.1	4.2	5.8	0.1	0.8	8.6	5.0	1.4	4.7
Agriculture	5.5	4.1	6.3	-0.3	0.4	9.5	5.3	0.9	
Forestry and logging	1.8	3.3	1.4	1.9	2.9	2.4	1.9	2.9	
Fishing	5.9	6.6	5.8	2.7	3.2	5.8	5.7	7.1	
II. Industry	9.7	12.2	9.7	4.4	9.2	7.6	7.8	1.0	0.4
Mining and quarrying	1.3	7.5	3.7	2.1	5.9	6.5	0.1	-2.2	-1.4
Manufacturing	10.1	14.3	10.3	4.3	11.3	8.9	7.4	1.1	-0.7
Electricity, gas and water supply	7.1	9.3	8.3	4.6	6.2	5.3	8.4	2.3	5.9
Construction	12.8	10.3	10.8	5.3	6.7	5.7	10.8	1.1	1.6
III. Services	10.9	10.1	10.3	10.0	10.5	9.7	6.6	7.0	6.8
Gross Domestic Product at factor cost	9.5	9.6	9.3	6.7	8.6	8.9	6.7	4.5	4.7

Source: Central Statistics Office.

Notes: * First Revised Estimate.

\$ Second Revised Estimate.

[^] Third Revised Estimates.

** Provisional Estimates.

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

S. No.	State/UT	(Rs Lakh)											
		(1)	(2)	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
1.	Andhra Pradesh		5634388	5978937	6096575	7156271	7210834	7226184	7587707	7653295	8204827	8709550	
2.	Arunachal Pradesh		122443	119383	131122	147115	136921	135085	153318	163993	161199	167558	
3.	Assam		1365566	1400591	1427369	1467602	1496102	1599220	1643468	1725451	1800236	1882870	
4.	Bihar		2452979	2315384	2832661	2651471	2921852	2695245	3000165	3375476	3670818	3301546	
5.	Chhattisgarh		1015910	1145462	1196815	1308379	1178235	1278393	1553055	1599078	1748234	1788153	
6.	Goa		99811	123330	103611	105195	97536	98312	99949	101396	96804	NA	
7.	Gujarat		3270600	4026200	3996700	4345600	4034000	4004200	4870896	5115567	4759413	NA	
8.	Haryana		2212502	2172544	2479994	2478469	2657219	2618772	2755344	2972104	2934828	3028137	
9.	Himachal Pradesh		613297	651184	646707	704787	698252	620135	734608	709171	776488	880157	
10.	Jammu & Kashmir		766153	767955	776071	781108	811001	807177	874620	894790	863284	906171	
11.	Jharkhand		891672	924191	1040499	1098844	1280921	1201326	1254965	1584185	1681545	1821194	
12.	Karnataka		3118984	3428434	3330984	3743086	3827906	3983733	4627926	4321144	4190674	4243248	
13.	Kerala		2084375	2188216	2050767	2025514	2065657	2033328	1903856	1902792	1986415	NA	
14.	Madhya Pradesh		3123830	3343877	3422388	3371464	3669792	39697137	4006773	4734948	5617064	6924989	
15.	Maharashtra		4492660	4906200	5594548	6364150	5380755	5435801	6574679	6574254	6507613	6767333	
16.	Manipur		127024	126644	126745	139434	152538	173268	141733	145101	148888	NA	
17.	Meghalaya		152507	159973	162098	160612	167274	171050	174249	182173	186632	196086	
18.	Mizoram		63025	64053	64227	73258	82198	89737	104474	101221	101257	NA	
19.	Nagaland		202912	208092	210112	211403	227315	233878	253538	267043	277548	288645	
20.	Odisha		1825698	1886717	1923241	2012888	2050447	2209191	2251182	2150767	2387572	2309881	

21.	Punjab	3161249	3191433	3282420	3407949	3477186	3466610	3523584	3588605	3594241	3610104
22.	Rajasthan	3272993	3283043	3529677	3586702	3737060	3636497	4962131	4949600	4954942	4965752
23.	Sikkim	32325	33660	33690	35009	36510	38056	39904	55212	56405	58307
24.	Tamil Nadu	2436179	2759171	3124432	2986746	2918274	3097524	3335347	3667249	3259956	3498791
25.	Tripura	223164	230328	248996	291763	308285	324317	361445	393385	413621	NA
26.	Uttar Pradesh	7757076	7938533	8130574	8416275	8736317	8701753	9111541	9621311	10076487	10337791
27.	Uttarakhand	552040	534257	559139	570823	549924	602899	629297	654555	677655	705567
28.	West Bengal	4993552	5104529	5212864	5536465	5406310	5781448	5660323	5705989	5905639	6223555
29.	Andaman & Nicobar Islands	29874	22900	30349	30546	32884	33228	34613	35641	36767	37692
30.	Chandigarh	7708	7908	7951	8000	8521	7405	6891	5808	5299	5268
31.	Delhi	109448	105697	106908	103907	103234	133433	141034	143385	145899	150589
32.	Puducherry	30482	29445	32404	31971	47258	39277	49341	42254	46999	57752

Source: Central Statistics Office (CSO).

Notes: Agriculture and Allied includes Agriculture, forestry, logging and fishing.

NA Not Available.

Table 2.7(b) Gross State Domestic Product from Agriculture (including Livestock) for TE 2013-14 at Constant (2004-05) Prices

S. No.	State/UT	(Rs Lakh)		
		GSDP from Agriculture	Total GSDP	% Share of Agriculture in Total GSDP
(1)	(2)	(3)	(4)	(5)
1.	Andhra Pradesh	6774275	45735114	14.81
2.	Arunachal Pradesh	96185	614107	15.66
3.	Assam	1573344	8853717	17.77
4.	Bihar	2890836	17473358	16.54
5.	Chhattisgarh	1351268	9456000	14.29
6.	Goa	NA	NA	NA
7.	Gujarat	NA	NA	NA
8.	Haryana	2868312	19885827	14.42
9.	Himachal Pradesh	659451	4725476	13.96
10.	Jammu & Kashmir	756742	4539945	16.67
11.	Jharkhand	1501690	10940841	13.73
12.	Karnataka	3539666	31435555	11.26
13.	Kerala	NA	NA	NA
14.	Madhya Pradesh	6487998	23852647	27.20
15.	Maharashtra	5396102	89778579	6.01
16.	Manipur	NA	NA	NA
17.	Meghalaya	149514	1346528	11.10
18.	Mizoram	NA	NA	NA
19.	Nagaland	224803	1136706	19.78
20.	Odisha	1888925	14822603	12.74

21.	Punjab	3407948	17322148	19.67
22.	Rajasthan	4412338	24499671	18.01
23.	Sikkim	54626	615231	8.88
24.	Tamil Nadu	3009426	48061805	6.26
25.	Tripura	NA	NA	NA
26.	Uttar Pradesh	9403512	46596889	20.18
27.	Uttarakhand	513974	6792716	7.57
28.	West Bengal	4916917	37489899	13.12
29.	Andaman & Nicobar Islands	25346	421993	6.01
30.	Chandigarh	4854	1568783	0.31
31.	Delhi	142412	23615645	0.60
32.	Puducherry	41007	1381294	2.97

Source: Central Statistics Office.

Note: NA Not available.

Table 2.8 Share of Agriculture and Allied Sector in Gross State Domestic Product at Current Prices

S. No.	State/UT	GSDP from Agriculture and Allied				% Share of Agriculture and Allied in Total GSDP				% Growth over Previous Year		(Rs Lakh)		
		2011-12		2012-13		2013-14		2011-12		2012-13			2013-14	
		(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)					
1.	Andhra Pradesh	14556906	17196447	19622464	21.97	22.79	22.96	18.13	14.11					
2.	Arunachal Pradesh	439919	491026	547494	42.32	41.55	40.58	11.62	11.50					
3.	Assam	3218020	3569643	4155039	25.58	25.21	25.55	10.93	16.40					
4.	Bihar	6497800	8053801	7576634	26.71	27.19	22.09	23.95	-5.92					
5.	Chhatisgarh	2914456	3468416	3716987	20.19	21.22	20.09	19.01	7.17					
6.	Goa	227418	255180	NA	4.32	5.36	NA	12.21	NA					
7.	Gujarat	11267379	10828947	NA	18.95	16.16	NA	-3.89	NA					
8.	Haryana	6320575	6736014	7756870	21.15	19.84	20.20	6.57	15.16					
9.	Himachal Pradesh	1215183	1432832	1610320	18.71	19.44	19.50	17.91	12.39					
10.	Jammu & Kashmir	1440270	1742781	2041194	21.12	22.47	23.38	21.00	17.12					
11.	Jharkhand	2449674	2782135	3212144	18.06	18.35	18.59	13.57	15.46					
12.	Karnataka	7334879	8118453	8155322	16.11	15.64	13.99	10.68	0.45					
13.	Kerala	4786870	5050804	NA	15.55	14.46	NA	5.51	NA					
14.	Madhya Pradesh	8406923	11027436	15440540	26.97	29.63	34.24	31.17	40.02					
15.	Maharashtra	13868550	14422747	16355262	11.80	10.90	11.08	4.00	13.40					
16.	Manipur	240849	260842	NA	21.73	20.89	NA	8.30	NA					
17.	Meghalaya	268285	289579	317094	15.60	15.83	15.07	7.94	9.50					
18.	Mizoram	137955	151960	NA	20.02	18.17	NA	10.15	NA					
19.	Nagaland	353999	408232	466534	25.54	26.04	26.28	15.32	14.28					

20.	Odisha	3720150	5035317	5657085	17.34	19.71	19.61	35.35	12.35
21.	Punjab	7529006	8183507	8697142	29.37	28.70	27.43	8.69	6.28
22.	Rajasthan	12162118	13519486	15027681	30.15	29.44	29.25	11.16	11.16
23.	Sikkim	100053	110243	124798	11.23	10.53	10.08	10.19	13.20
24.	Tamil Nadu	8857771	8661891	10001500	13.28	11.63	11.71	-2.21	15.47
25.	Tripura	467507	508911	NA	22.28	21.33	NA	8.86	NA
26.	Uttar Pradesh	19762214	22837170	26124310	28.84	29.19	29.34	15.56	14.39
27.	Uttarakhand	1404189	1586241	1803439	14.35	14.71	14.73	12.96	13.69
28.	West Bengal	11806747	13758370	15188000	22.35	22.46	21.69	16.53	10.39
29.	Andaman & Nicobar Islands	53058	55331	57603	10.62	9.82	9.37	4.28	4.11
30.	Chandigarh	10317	10718	11629	0.45	0.43	0.40	3.89	8.50
31.	Delhi	281899	341941	366803	0.95	0.98	0.91	21.30	7.27
32.	Puducherry	80043	95183	116886	5.46	5.68	5.55	18.91	22.80

Source: Central Statistics Office.

Notes: Agriculture and Allied 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

Five Year Plan/Annual Plan	Agriculture and Allied Activities			Total Plan Outlay		% Share of Agriculture and Allied Activities		(Rs crore)					
	Plan Outlays	Actual Expenditure	(2)	(3)	Plan Outlays	Actual Expenditure	(4)		(5)	Plan Outlays	Actual Expenditure	(6)	(7)
(1)													
Ninth Plan (1997-2002)	37546	37239\$			859200	941041\$			4.4	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 (2000-01)	8281	7577			203359	164479			4.1	4.6			
Annual Plan (2001-02)	9097	8248			228893	186315			4.0	4.4			
Tenth Plan (2002-07)	58933	60702\$			1525639	1618460\$			3.9	3.8			
Annual Plan (2002-03)	9977	7655			247897	210203			4.0	3.6			
Annual Plan (2003-04)	9940	8776			256042	224827			3.9	3.9			
Annual Plan (2004-05)	11109	10963			287843	263665			3.9	4.2			
Annual Plan (2005-06)	13840	12554			361239	247177			3.8	5.1			
Annual Plan (2006-07)	16163	16573			441285	309912			3.7	5.3			
Eleventh Plan (2007-12)	136381	163105			3644718	3676936\$			3.7	4.4			
Annual Plan (2007-08)	17971	20014			558765	371809			3.2	5.4			
Annual Plan (2008-09)	27270	27087			684288	477263			4.0	5.7			
Annual Plan (2009-10)	28772	29498			794616	717035			3.6	4.1			
Annual Plan (2010-11)	36983	40369			929725	826268			4.0	4.9			
Annual Plan (2011-12)	46255	16194##			1097204	508596##			4.2	3.2			

(Contd.)

Table 3.1 (Contd.)

Five Year Plan/Annual Plan	Agriculture and Allied Activities		Total Plan Outlay		% share of Agriculture and Allied Activities	
	Plan Outlays (2)	Actual Expenditure (3)	Plan Outlays (4)	Actual Expenditure (5)	Plan Outlays (6)	Actual Expenditure (7)
(1)						
Twelfth Plan (2012-17)*	363273	NA	7669807	NA	4.7	NA
Annual Plan (2012-13)	54748	15971##	1254187	556176##	4.4	2.9
Annual Plan (2013-14)##	18781	NA	680123	614134 (RE)	2.8	NA
Annual Plan 2014-15	11531	NA	484532	NA	2.4	NA

Source: 1. Plan Document, Planning Commission and Budget Documents, Ministry of Finance.

2. For State Outlays, figures have been compiled from Planning Commission Website.

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

For Centre only, as figures for states and UTs are not available yet.

* 12th Plan Projections.

\$ Indicate 11th, 10th and 9th Plan realizations.

Table 3.2 Public Sector Outlays/Expenditure

S. No.	Sector	9th Plan Outlays	10th Plan Outlays	11th Plan Outlays	2007-08		2008-09		2009-10	
					BE	AE	BE	AE	BE	AE
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Agriculture and Allied Activities	37546	58933	136381	17971	20014	27270	27087	28772	29498
2	Rural Development	73439	121928	301069	32496	34309	39268	59080	64748	58615
3	Special Area Programmes	3649	20879	26329	7732	6607	8372	6999	8295	7875
4	Irrigation & Flood Control	55598	103315	210326	38547	38275	48094	41164	50489	42853
5	Energy	215545	403927	854123	106246	33744	127496	39980	154012	148372
6	Industry & Minerals	69972	58939	153600	25002	11379	34919	13343	45208	39041
7	Transport	121324	225977	572443	101831	59963	121116	67849	135543	127356
8	Communications	47616	98968	95380	25813	794	21937	981	16731	14749
9	Science, Technology & Environment	25529	30424	87933	11791	9909	13278	11860	15647	13267
10	General Economic Services	15038	38630	62523	11662	10175	17970	11108	16332	11482
11	Social Services	182005	347391	1102327	172608	140397	216548	190813	247331	215955
12	General Services	11940	16328	42283	7066	6243	8020	6999	11508	7972
Total		859201	1525639	3644717	558765	371809	684288	477263	794616	717035

(Contd.)

Table 3.2 (Contd.)

S. No.	Sector	2010-11		2011-12		12th Plan*		2012-13		2013-14		(Rs crore)	
		BE	AE	BE	AE##	Outlays	BE	RE##	BE##	BE##	BE##	2014-15	BE##
(1)	(2)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
1	Agriculture and Allied Activities	36983	40369	46255	16194	363273	54748	15971	18781	11530.9			
2	Rural Development	70797	67008	75821	37599	457464	72248	35583	42772	3061			
3	Special Area Programmes	8860	10093	12413	0	80370	15342	0	0	0			
4	Irrigation & Flood Control	54948	46049	64001	506	422012	72169	428	1200	1797			
5	Energy	195333	150251	208436	121855	1438466	208711	148230	158287	166275			
6	Industry & Minerals	52228	45056	56400	36235	377302	71491	39228	48010	40209			
7	Transport	145328	139542	171344	107532	1204172	183015	103023	133488	116202			
8	Communications	18529	10336	20256	6586	80984	15411	8257	12380	13009			
9	Science, Technology & Environment	18644	15949	22160	11735	167350	24220	12119	17587	18792			
10	General Economic Services	20097	20496	35179	19697	305612	51525	21017	31602	26318			
11	Social Services	295896	272031	356713	145352	2664843	419267	166460	206709	79433			
12	General Services	12082	9088	28226	5305	107959	66040	5860	9307	7906			
	Total	929725	826268	1097204	508596	7669807	1254187	556176	680123	484533			

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

2. For State Outlay, figures have been compiled from Planning Commission Website.

Notes: ## For Centre only, as figures for States and UTs are not available.

* 12th Plan Projection.

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

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

(Contd.)

Table 3.3 (Contd.)

S. No.	Sector	2008-09##		2009-10##		2010-11##		2011-12##		2012-13##		2013-14##		2014-15	
		BE	RE*	BE	AE	BE	AE	BE	AE	BE	RE	BE	RE	BE	RE
(1)	(2)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)
1	Crop Husbandry	5902	5840	6165	6545	7084	9813	7891	8066	9034	8071	9876	4431.9		
2	Horticulture	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
3	Soil & Water Conservation	11	13	14	14	16	14	15	15	16	16	19	18		
4	Animal Husbandry	620	601	627	507	855	715	950	724	1063	849	975	172.17		
5	Dairy Development	89	89	89	86	76	85	223	196	353	494	525	411.47		
6	Fisheries	291	209	411	341	242	291	270	304	299	273	317	422.56		
7	Forestry and Wild Life	751	776	849	929	796	929	786	914	907	755	1041	378.98		
8	Plantation	313	316	305	390	331	474	415	595	446	404	458	369.51		
9	Food Storage and Warehousing	225	223	295	235	498	502	644	703	787	726	801	727.41		
10	Agriculture, Research and Edn.	1584	1584	NA	1707	2070	2522	2492	2573	2898	2294	3113	3354		
11	Agricultural Financial Inst.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
12	Cooperation	137	137	137	113	82	103	222	124	125	93	121	124.9		
13	Other Agricultural Programmes	152	181	153	147	258	268	836	1980	1764	1996	1535	1120		
	Total	10075	9969	9045	11014	12308	15716	14744	16194	17692	15971	18781	11531		

Source: 1. Plan Documents and Budget Documents.

2. 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 and UTs are not available 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 and Cooperation)

(Rs crore)

Year	Budget Estimate	Revised Estimate	Actual Expenditure
(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
1999-2000	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	19500.00	NA

Source: Department of Agriculture & Cooperation, Plan Coordination Division.

Note: * As on 31 March 2014 Provisional.

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

(Rs crore)

Year	Budget Estimate	Revised Estimate	Actual Expenditure
(1)	(2)	(3)	(4)
1997-98	319.15	224.96	209.81
1998-99	381.90	210.60	170.24
1999-2000	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		238.90
2003-04	300.00		271.76
2004-05	500.00		566.22
2005-06	669.08		589.37
2006-07	777.00		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	1243.11
2012-13	1910.00	1800.00	1736.88
2013-14	2025.00	1800.00	1748.80
2014-15	2174.00	1800.00	1289.248*

Source: Department of Animal Husbandry, Dairying and Fisheries.*Note:* * Provisoinal as on 10 December 2014.

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

(Rs crore)

Year	Budget Estimate	Revised Estimate	Actual Expenditure
(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
1999-2000	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	1697.50*

Source: Department of Agriculture, Research and Education.

Note: * Provisional as of November 2014.

Table 3.5(a) Scheme-wise Budget Estimate and Expenditure (Department of Agriculture and Cooperation)

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

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					
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					19500.00
Expenditure*	4032.41	3742.11		4765.35	12539.87

Source: Department of Agriculture and Cooperation, Plan Coordination Division.

Note: * As on 31 March 2014 Provisional.

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

Period	(Rs crore)				
(1)	Centrally Sponsored Schemes	Central Sector Schemes	Externally Aided Projects	Additional Central Assistance	Grand Total
(2)	(3)	(4)	(5)	(6)	
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

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	7434.00	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	1052.98	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*	650.83	638.42	0.00	1289.25

Source: Department of Animal Husbandry, Dairying and Fisheries.

Note: * Provisional as on 10 December 2014.

Table 3.6(a) Gross Capital Formation in Agriculture and Allied Sector (at current prices)

Year	GCF in Agriculture and Allied Sector				GCF of Economy (by industry of use)				Share of Agriculture and Allied Sector			
	GCF in Agriculture and Allied Sector		GCF of Economy (by industry of use)		GCF of Economy (by industry of use)		Share of Agriculture and Allied Sector		Share of Agriculture and Allied Sector		Share of Agriculture and Allied Sector	
	Public Sector	Private Sector	Total	(4)	Public Sector	Private Sector	Total	(7)	Public Sector	Private Sector	Total	(10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
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			
2011-12 ^{\$}	36887	214818	251705	695835	2335823	3031658	5.3	9.2	8.3			
2012-13*	45511	232328	277839	821966	2420761	3242727	5.5	9.6	8.6			

Source: Central Statistics Office, New Delhi.

Notes: * First Revised Estimates.

\$ Second Revised Estimates.

[^] Third Revised Estimates.

Table 3.6(b) Gross Capital Formation in Agriculture and Allied Sector (at 2004-05 prices)

Year	GCF in Agriculture & Allied Sector			GCF of Economy (by industry of use)			Share of Agriculture & Allied Sector in Total GCF (%)		
	GCF in Agriculture & Allied Sector		Total	GCF of Economy (by industry of use)		Total	Share of Agriculture & Allied Sector in Total GCF (%)		Total
	Public Sector	Private Sector		Public Sector	Private Sector		Public Sector	Private Sector	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2004-05	16187	59909	76096	240580	770598	1011178	6.7	7.8	7.5
2005-06	19940	66664	86604	281995	901308	1183303	7.1	7.4	7.3
2006-07	22987	69070	92057	324020	1040801	1364821	7.1	6.6	6.7
2007-08	23257	82484	105741	382431	1223744	1606175	6.1	6.7	6.6
2008-09	20572	106555	127127	429285	1136948	1566233	4.8	9.4	8.1
2009-10	22693	110469	133162	449686	1287840	1737526	5.0	8.6	7.7
2010-11 [^]	19854	112880	132734	467224	1509522	1976746	4.2	7.5	6.7
2011-12 ^{\$}	21184	135988	157172	465210	1638545	2103755	4.6	8.3	7.5
2012-13*	23886	138197	162083	508711	1599942	2108653	4.7	8.6	7.7

Source: Central Statistics Office, New Delhi.

Notes: * First Revised Estimates.

\$ Second Revised Estimates.

[^]Third Revised Estimates.

Table 3.6(c) Public and Private Investment in Agriculture and Allied Sector in Total GDP at Market Prices (2004-05 prices)

Year	Public Investment	Private Investment	Total	GDP at Market Price	Share (%) in Total		Total
					Public	Private	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(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	82484	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
2011-12 ^{\$}	21184	135988	157172	5633050	0.4	2.4	2.8
2012-13 [*]	23886	138197	162083	5899847	0.4	2.3	2.7

Source: Central Statistics Office, New Delhi.

Notes: * First Revised Estimates.

^{\$} Second Revised Estimates.

[^] Third Revised Estimates.

(Rs crore)

Table 3.6(d) Share (%) of Agriculture and Allied Sector

Year	At 2004-05 Prices			At Current Prices			(Rs crore)
	Public	Private	Total	Public	Private	Total	
(1)	(2)	(3)	(4)	(5)	(6)	(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	
2011-12 ^{\$}	2.8	18.0	20.8	2.5	14.3	16.8	
2012-13*	3.1	18.1	21.2	2.8	14.1	16.9	

Source: Central Statistics Office, New Delhi.

Notes: * First Revised Estimates.

\$ Second Revised Estimates.

[^] Third Revised Estimates.

4

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		Xth Plan	
	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)
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
Oilseeds	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 and Statistics, Department of Agriculture and Cooperation.

Notes: # Million bales of 170 kg each.

@ Million bales of 180 kg each.

(Million Tonnes)

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

Crop	(Million Tonnes)															
	2007-08		2008-09		2009-10		2010-11		2011-12		XIth Plan		2012-13		2013-14*	
	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)
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	106.54
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	95.91
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	43.05
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	19.27
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	264.77
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	32.88
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	350.02
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	36.59
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	11.58

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: * Fourth 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 2013-14*

(Million Tonnes)			
Group of Crops	Crops	States	Production
(1)	(2)	(3)	(4)
I. Foodgrains	Rice	West Bengal	15.31
		Uttar Pradesh	14.63
		Andhra Pradesh	13.03
		All India	106.54
	Wheat	Uttar Pradesh	30.25
		Punjab	17.04
		Madhya Pradesh	13.93
		All India	95.91
	Maize	Andhra Pradesh	4.97
		Karnataka	3.98
		Maharashtra	3.08
		All India	24.35
	Total Coarse Cereals	Karnataka	6.72
		Rajasthan	6.60
		Maharashtra	6.25
		All India	43.05
	Total Pulses	Madhya Pradesh	5.09
		Maharashtra	3.12
		Rajasthan	2.47
		All India	19.27
	Total Foodgrains	Uttar Pradesh	50.05
		Punjab	28.90
		Madhya Pradesh	24.24
		All India	264.77
II. Oilseeds	Groundnut	Gujarat	4.92
		Andhra Pradesh	1.23
		Tamil Nadu	0.96
		All India	9.67
	Rapeseed & Mustard	Rajasthan	3.83
		Madhya Pradesh	0.90
		Haryana	0.88
		All India	7.96
	Soya Bean	Madhya Pradesh	5.37
		Maharashtra	4.79
		Rajasthan	0.98
		All India	11.99
	Sunflower	Karnataka	0.30
		Andhra Pradesh	0.09
		Maharashtra	0.04
		All India	0.55
	Total Oilseeds	Gujarat	6.84
		Madhya Pradesh	6.66
		Rajasthan	6.07
		All India	32.88

(Contd.)

Table 4.2 (*Contd.*)

Group of Crops	Crops	States	Production
(1)	(2)	(3)	(4)
III. Other Cash Crops	Sugarcane	Uttar Pradesh	135.16
		Maharashtra	76.55
		Karnataka	35.91
		All India	350.02
	Cotton [@]	Gujarat	10.95
		Maharashtra	8.52
		Andhra Pradesh	7.14
		All India	36.59
	Jute & Mesta ^{\$}	West Bengal	8.62
		Bihar	1.93
		Assam	0.74
		All India	11.58

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

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

\$ Production in million bales of 180 kg each.

* Fourth Advance Estimates.

Table 4.3 Normal Estimates of Area, Production and Yield of Major Crops in India (Average of 2008-09 to 2012-13)

Group of Crops	Crops (2)	Season (3)	Area (4)	Production (5)	Area - Million Hectares Production - Million Tonnes Yield - Kg/Hectare	
					Yield	(6)
I. Foodgrains	Rice	Kharif	39.11	85.34		2182
		Rabi	4.31	13.61		3158
		Total	43.42	98.95		2279
	Wheat	Rabi	29.04	87.39		3009
	Jowar	Kharif	2.85	3.08		1080
		Rabi	4.18	3.36		804
		Total	7.03	6.44		916
	Bajra	Kharif	8.67	8.96		1033
	Maize	Kharif	7.17	15.15		2113
		Rabi	1.32	5.29		4005
		Total	8.49	20.43		2408
	Total Coarse Cereals	Kharif	20.75	29.54		1423
		Rabi	6.18	10.27		1662
		Total	26.93	39.80		1478
	Tur	Kharif	3.82	2.65		694
	Gram	Rabi	8.41	7.86		934
	Total Pulses	Kharif	10.77	5.60		520
		Rabi	13.13	10.98		837
		Total	23.90	16.58		694
	Total Foodgrains	Kharif	70.63	120.48		1706
		Rabi	52.66	122.25		2322
		Total	123.29	242.73		1969

(Contd.)

Table 4.3 (Contd.)

Group of Crops	Crops	Season	Area	Production	Yield
(1)	(2)	(3)	(4)	(5)	(6)
II. Oilseeds	Groundnut	Total	5.50	6.50	1183
	Rapeseed & Mustard	Rabi	6.21	7.32	1180
	Soya Bean	Kharif	9.96	11.90	1195
	Sunflower	Total	1.16	0.74	644
	Nine Oilseeds	Total	26.71	29.16	1092
III. Other Cash Crops	Sugarcane	Total	4.70	324.39	68986
	Cotton [@]	Total	10.98	29.55	458
	Jute & Mesta ^{\$}	Total	0.89	11.03	2232

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: @ 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
1983-84	84.14	89.23	1060	47.02	63.14	1343	131.16	152.37	1162

(Contd.)

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)
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
1999-2000	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
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*	69.26	129.24	1866	56.78	135.53	2387	126.04	264.77	2101

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Note: * Fourth Advance Estimates.

Table 4.5(a) All India Area, Production and Yield of Foodgrains along with Coverage under Irrigation

Year	Area	Production	Yield	Area - Million Hectares
				Production - Million Tonnes
				Yield - Kg/Hectare
				Area Under Irrigation (%)
(1)	(2)	(3)	(4)	(5)
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
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
1999-2000	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	-
2013-14*	126.04	264.77	2101	-

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Note: * Fourth Advance Estimates.

Table 4.5(b) Area, Production and Yield of Foodgrains during 2012-13 and 2013-14 in Major Producing States along with Coverage under Irrigation

State	Area - Million Hectares Production - Million Tonnes Yield - Kg/Hectare										
	2013-14 [#]					2012-13					Area
	Area	% to All India	Production	% to All India	Yield	Area	% to All India	Production	% to All India	Yield	under Irrigation (%) 2011-12*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Uttar Pradesh	20.23	16.05	50.05	18.90	2474	19.96	16.53	50.75	19.73	2542	76.1
Punjab	6.56	5.20	28.90	10.92	4409	6.57	5.44	25.54	9.93	3890	98.7
Madhya Pradesh	14.94	11.85	24.24	9.15	1622	14.14	11.70	23.69	9.21	1676	50.5
Andhra Pradesh	7.61	6.04	20.10	7.59	2641	6.99	5.79	18.66	7.26	2670	62.5
Rajasthan	13.42	10.64	18.30	6.91	1364	12.41	10.28	18.37	7.14	1480	27.7
West Bengal	6.24	4.95	17.05	6.44	2732	6.09	5.04	16.55	6.43	2717	49.3
Haryana	4.40	3.49	16.97	6.41	3854	4.40	3.64	16.23	6.31	3689	88.9
Maharashtra	11.62	9.22	13.92	5.26	1198	10.58	8.76	10.97	4.27	1038	16.4
Bihar	6.67	5.29	13.15	4.97	1971	6.74	5.58	15.94	6.20	2366	67.4
Karnataka	7.51	5.95	12.17	4.60	1622	7.30	6.04	10.86	4.22	1488	28.2
Tamil Nadu	3.55	2.81	8.49	3.21	2396	2.63	2.17	5.59	2.18	2131	63.5
Odisha	5.15	4.09	8.33	3.15	1617	5.03	4.17	8.01	3.11	1592	29.0
Gujarat	4.29	3.40	8.21	3.10	1917	3.58	2.97	7.06	2.74	1970	46.0
Chhattisgarh	4.95	3.93	7.58	2.86	1532	5.08	4.20	7.64	2.97	1506	29.7
Assam	2.53	2.01	4.94	1.87	1952	2.69	2.23	5.28	2.05	1962	4.6
Jharkhand	2.24	1.77	4.19	1.58	1874	2.43	2.01	4.56	1.77	1876	7.0

Uttarakhand	0.89	0.71	1.78	0.67	2001	0.93	0.77	1.83	0.71	1962	44.0
Others	3.26	2.59	6.38	2.41	@	3.25	2.69	9.61	3.74	@	-
All India	126.04	100.00	264.77	100.00	2101	120.78	100.00	257.13	100.00	2129	49.8

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: 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.

Fourth Advance Estimates.

* Provisional.

Table 4.6(a) All India Area, Production and Yield of Rice along with Coverage under Irrigation

Year	Area	Production	Yield	Area - Million Hectares
				Production - Million Tonnes
				Yield - Kg/Hectare
				Area under Irrigation (%)
(1)	(2)	(3)	(4)	(5)
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	863	37.9
1967-68	36.44	37.61	1032	38.6
1968-69	36.97	39.76	1076	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	1151	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	1231	42.0
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
1999-2000	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	2078	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	105.24	2462	-
2013-14*	43.95	106.54	2424	-

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Note: * Fourth Advance Estimates.

Table 4.6(b) Area, Production and Yield of Rice during 2012-13 and 2013-14 in Major Producing States along with Coverage under Irrigation

State	2013-14 [#]					2012-13					Area - Million Hectares Production - Million Tonnes Yield - Kg/Hectare	
	Area	% to All India	Production	% to All India	Yield	Area	% to All India	Production	% to All India	Yield	Area under Irrigation (%) 2011-12*	
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(12)
West Bengal	5.50	12.51	15.31	14.37	2786	5.44	12.73	15.02	14.28	2760	48.2	48.2
Uttar Pradesh	5.98	13.60	14.63	13.73	2447	5.86	13.71	14.42	13.70	2460	80.4	80.4
Andhra Pradesh	4.51	10.25	13.03	12.23	2891	3.63	8.49	11.51	10.94	3173	97.1	97.1
Punjab	2.85	6.49	11.27	10.58	3952	2.85	6.65	11.37	10.81	3998	99.5	99.5
Odisha	4.18	9.51	7.58	7.12	1815	4.02	9.41	7.30	6.93	1814	33.2	33.2
Chhattisgarh	3.80	8.65	6.72	6.30	1766	3.78	8.85	6.61	6.28	1746	34.2	34.2
Tamil Nadu	1.79	4.06	5.54	5.20	3100	1.49	3.49	4.05	3.85	2712	93.7	93.7
Bihar	3.11	7.07	5.51	5.17	1774	3.30	7.72	7.53	7.15	2282	61.1	61.1
Assam	2.27	5.17	4.78	4.48	2101	2.49	5.82	5.13	4.87	2061	4.9	4.9
Haryana	1.23	2.79	4.00	3.75	3256	1.22	2.84	3.98	3.78	3272	99.9	99.9
Karnataka	1.33	3.02	3.76	3.53	2828	1.28	2.99	3.36	3.20	2632	75.2	75.2
Maharashtra	1.56	3.55	2.95	2.77	1891	1.56	3.64	3.06	2.90	1963	26.1	26.1
Madhya Pradesh	1.93	4.40	2.78	2.61	1438	1.88	4.40	2.77	2.64	1474	21.7	21.7
Jharkhand	1.22	2.79	2.74	2.57	2238	1.41	3.31	3.16	3.01	2238	3.2	3.2
Gujarat	0.79	1.79	1.62	1.52	2053	0.70	1.64	1.54	1.46	2198	61.5	61.5
Kerala	0.20	0.45	0.51	0.48	2551	0.20	0.46	0.51	0.48	2577	100.0	100.0
Others	1.71	3.89	3.83	3.60	@	1.64	3.84	3.92	3.72	@	-	-
All India	43.95	100.00	106.54	100.00	2424	42.75	100.00	105.24	100.00	2462	58.7	58.7

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: 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.

Fourth Advance Estimates.

* Provisional.

Table 4.7(a) All India Area, Production and Yield of Wheat along with Coverage under Irrigation

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

(Contd.)

Table 4.7a (Contd.)

Year	Area	Production	Yield	Area under Irrigation (%)
(1)	(2)	(3)	(4)	(5)
1983-84	24.67	45.48	1843	73.0
1984-85	23.56	44.07	1870	74.5
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
1999-2000	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	-
2013-14*	31.19	95.91	3075	-

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Note: * Fourth Advance Estimates.

Table 4.7(b) Area, Production and Yield of Wheat during 2012-13 and 2013-14 in Major Producing States along with Coverage under Irrigation

State	2013-14 [#]				2012-13				Area - Million Hectares		
	Area	% to All India	Production	% to All India	Yield	Area	% to All India	Production	% to All India	Yield	Area under Irrigation (%) 2011-12*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Uttar Pradesh	9.96	31.92	30.25	31.54	3038	9.73	32.44	30.30	32.41	3113	98.1
Punjab	3.51	11.27	17.04	17.76	4848	3.51	11.71	16.59	17.74	4724	98.9
Madhya Pradesh	5.79	18.57	13.93	14.52	2405	5.30	17.66	13.13	14.05	2478	89.3
Haryana	2.50	8.01	11.80	12.30	4722	2.50	8.32	11.12	11.89	4452	99.5
Rajasthan	2.81	9.01	8.92	9.30	3175	3.06	10.21	9.28	9.92	3028	99.2
Bihar	2.26	7.24	5.08	5.30	2251	2.21	7.36	5.36	5.73	2427	94.2
Gujarat	1.35	4.33	3.65	3.81	2703	1.02	3.41	2.94	3.15	2875	90.8
Maharashtra	1.10	3.52	1.60	1.67	1460	0.77	2.58	1.18	1.26	1528	73.9
West Bengal	0.34	1.08	0.95	0.99	2802	0.32	1.07	0.90	0.96	2786	95.9
Uttarakhand	0.35	1.12	0.84	0.88	2425	0.36	1.19	0.86	0.92	2396	57.6
Himachal Pradesh	0.37	1.19	0.54	0.56	1451	0.36	1.21	0.61	0.65	1671	20.2
Jammu & Kashmir	0.29	0.94	0.46	0.48	1589	0.29	0.97	0.46	0.49	1595	28.3
Jharkhand	0.17	0.56	0.36	0.37	2058	0.16	0.55	0.32	0.34	1944	89.1
Karnataka	0.21	0.69	0.23	0.24	1075	0.23	0.75	0.18	0.19	796	55.9
Assam	0.04	0.13	0.03	0.03	821	0.03	0.11	0.04	0.05	1304	2.7
Others	0.14	0.44	0.23	0.24	@	0.14	0.45	0.24	0.25	@	-
All India	31.19	100.00	95.91	100.00	3075	30.00	100.00	93.51	100.00	3117	92.9

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: 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.

Fourth Advance Estimates.

* Provisional.

Table 4.8(a) All India Area, Production and Yield of Coarse Cereals along with 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	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
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
1999-2000	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	-
2013-14*	25.67	43.05	1677	-

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Note: * Fourth Advance Estimates.

Table 4.8(b) Area, Production and Yield of Coarse Cereals during 2012-13 and 2013-14 in Major Producing States along with Coverage under Irrigation

State	2013-14 [#]						2012-13				Area	
	Area			Yield			Area		Yield		Area	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Karnataka	3.50	13.63	6.72	15.61	1920	3.53	14.24	6.06	15.14	1718	20.55	20.55
Rajasthan	6.26	24.40	6.60	15.33	1054	5.98	24.14	6.91	17.26	1157	6.16	6.16
Maharashtra	5.04	19.64	6.25	14.51	1239	4.97	20.08	4.43	11.06	891	8.98	8.98
Andhra Pradesh	1.43	5.55	5.51	12.80	3865	1.41	5.67	5.52	13.78	3928	40.00	40.00
Uttar Pradesh	1.99	7.74	3.46	8.05	1743	2.00	8.07	3.70	9.23	1850	25.07	25.07
Tamil Nadu	0.88	3.42	2.52	5.86	2869	0.62	2.52	1.33	3.33	2135	28.44	28.44
Madhya Pradesh	1.78	6.94	2.43	5.65	1365	1.64	6.62	2.62	6.53	1596	3.56	3.56
Gujarat	1.33	5.20	2.21	5.13	1655	1.20	4.83	2.00	4.99	1670	18.55	18.55
Bihar	0.78	3.04	2.05	4.76	2623	0.71	2.88	2.51	6.27	3517	65.21	65.21
Haryana	0.52	2.04	1.05	2.44	2006	0.52	2.12	1.00	2.50	1914	41.88	41.88
Himachal Pradesh	0.32	1.24	0.71	1.65	2223	0.33	1.32	0.70	1.75	2144	9.06	9.06
Punjab	0.14	0.56	0.56	1.30	3886	0.15	0.59	0.53	1.31	3621	80.71	80.71
Jammu & Kashmir	0.34	1.32	0.55	1.28	1635	0.36	1.43	0.54	1.34	1513	9.14	9.14
West Bengal	0.14	0.56	0.54	1.25	3757	0.12	0.49	0.43	1.09	3585	18.18	18.18
Jharkhand	0.27	1.06	0.53	1.22	1929	0.26	1.07	0.46	1.16	1755	0.43	0.43
Odisha	0.18	0.71	0.33	0.76	1793	0.18	0.73	0.29	0.72	1597	2.63	2.63

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

Uttarakhand	0.22	0.87	0.30	0.69	1335	0.25	1.01	0.34	0.85	1355	0.40
Chhattisgadh	0.24	0.93	0.26	0.61	1099	0.26	1.06	0.24	0.61	928	3.70
Others	0.29	1.14	0.47	1.10	@	0.28	1.13	0.43	1.08	@	-
All India	25.67	100.00	43.05	100.00	1677	24.76	100.00	40.04	100.00	1617	17.89

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: 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.

Fourth Advance Estimates.

* Provisional.

Table 4.9(a) All India Area, Production and Yield of Jowar along with Coverage under Irrigation

Year	Area	Production	Yield	Area - Million Hectares
				Production - Million Tonnes
				Yield - Kg/Hectare
				Area under Irrigation (%)
(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
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
1999-2000	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	-
2013-14*	5.82	5.39	926	-

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Note: * Fourth Advance Estimates.

Table 4.9(b) Area, Production and Yield of Jowar during 2012-13 and 2013-14 in Major Producing States along with Coverage under Irrigation

State	2013-14#					2012-13					Area - Million Hectares	
	Area		Yield		% to All India	Area		Yield		% to All India	Production - Million Tonnes	
	(2)	(3)	(4)	(5)		(7)	(8)	(9)	(10)		Yield - Kg/Hectare	Area under Irrigation (%) 2011-12*
(1)												(12)
Maharashtra	2.86	49.14	2.27	42.07		3.16	50.88	1.94	36.64		612	9.5
Karnataka	1.18	20.19	1.30	24.12		1.26	20.32	1.32	24.90		1041	11.5
Tamil Nadu	0.36	6.22	0.41	7.58		0.19	3.12	0.17	3.12		851	15.5
Andhra Pradesh	0.23	3.91	0.38	6.98		0.29	4.62	0.47	8.93		1643	17.2
Rajasthan	0.58	9.95	0.36	6.62		0.68	10.95	0.42	7.96		618	0.2
Madhya Pradesh	0.23	3.97	0.29	5.34		0.29	4.60	0.58	10.89		2011	0.2
Uttar pradesh	0.17	2.83	0.17	3.21		0.18	2.96	0.25	4.70		1348	0.9
Gujarat	0.13	2.20	0.17	3.08		0.08	1.29	0.11	2.03		1338	10.8
Haryana	0.07	1.24	0.04	0.74		0.06	0.90	0.03	0.53		500	71.9
Odisha	0.01	0.13	0.00	0.09		0.01	0.13	0.00	0.09		625	-
Others	0.01	0.22	0.01	0.17		0.01	0.23	0.01	0.22		@	-
All India	5.82	100.00	5.39	100.00		6.21	100.00	5.28	100.00		850	9.7

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: 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.

Fourth Advance Estimates.

* Provisional.

Table 4.10(a) All India Area, Production and Yield of Bajra along with Coverage under Irrigation

Year	Area	Production	Yield	Area - Million Hectares
				Production - Million Tonnes Yield - Kg/Hectare
(1)	(2)	(3)	(4)	Area under Irrigation (%)
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
1983-84	11.83	7.72	653	4.8

(Contd.)

Table 4.10a (*Contd.*)

Year	Area	Production	Yield	Area under Irrigation (%)
(1)	(2)	(3)	(4)	(5)
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
1999-2000	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	-
2013-14*	7.89	9.18	1164	-

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Note:* Fourth Advance Estimates.

Table 4.10(b) Area, Production and Yield of Bajra during 2012-13 and 2013-14 in major Producing States along with coverage under Irrigation

State	2013-14 [#]					2012-13			Area	
	Area		% to All India		Yield	Area		% to All India	Production	Yield under Irrigation (%)
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
(1)										2011-12*
Rajasthan	4.43	56.23	3.80	41.40	857	3.99	54.66	3.88	44.35	972
Uttar Pradesh	0.92	11.65	1.60	17.46	1744	0.90	12.35	1.76	20.11	1951
Gujarat	0.69	8.79	1.30	14.11	1869	0.60	8.21	1.04	11.94	1743
Haryana	0.40	5.12	0.83	9.05	2057	0.41	5.63	0.79	8.98	1910
Maharashtra	0.81	10.30	0.76	8.25	932	0.79	10.80	0.50	5.74	637
Madhya Pradesh	0.20	2.50	0.37	4.02	1873	0.19	2.60	0.30	3.41	1568
Karnataka	0.29	3.63	0.31	3.37	1080	0.28	3.77	0.29	3.26	1036
Andhra Pradesh	0.06	0.79	0.10	1.08	1597	0.07	0.92	0.11	1.27	1657
Tamil Nadu	0.05	0.68	0.10	1.04	1780	0.04	0.59	0.06	0.65	1326
Jammu & Kashmir	0.01	0.18	0.01	0.09	596	0.02	0.27	0.01	0.13	598
Others	0.01	0.14	0.01	0.12	@	0.02	0.21	0.01	0.16	@
All India	7.89	100.00	9.18	100.00	1164	7.30	100.00	8.74	100.00	1198
										8.5

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: 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.

Fourth Advance Estimates.

* Provisional.

Table 4.11 (a) All India Area, Production and Yield of Maize along with Coverage under Irrigation

Year	Area	Production	Yield	Area - Million Hectares
				Production - Million Tonnes
				Yield - Kg/Hectare
				Area under Irrigation (%)
(1)	(2)	(3)	(4)	(5)
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
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
1999-2000	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	-
2013-14*	9.43	24.35	2583	-

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

*Note:** Fourth Advance Estimates.

Table 4.11(b) Area, Production and Yield of Maize during 2012-13 and 2013-14 in Major Producing States along with Coverage under Irrigation

State	2013-14 [#]				2012-13				Area - Million Hectares Production - Million Tonnes Yield - Kg/Hectare	
	Area (2)	% to All India (3)	Production (4)	% to All India (5)	Yield (6)	Area (7)	% to All India (8)	Production (9)	% to All India (10)	Yield (11) under Irrigation (%) 2011-12*
(1)										(12)
Andhra Pradesh	1.06	11.28	4.97	20.40	4673	0.97	11.21	4.86	21.81	4995
Karnataka	1.38	14.66	3.98	16.36	2883	1.32	15.24	3.48	15.61	2629
Maharashtra	1.21	12.83	3.08	12.63	2544	0.82	9.48	1.82	8.19	2219
Bihar	0.75	7.97	2.02	8.29	2684	0.69	7.91	2.48	11.12	3611
Tamil Nadu	0.30	3.18	1.64	6.72	5450	0.29	3.36	0.95	4.25	3252
Madhya Pradesh	1.00	10.64	1.51	6.20	1506	0.85	9.75	1.51	6.80	1790
Rajasthan	0.93	9.83	1.50	6.17	1621	0.99	11.37	1.76	7.89	1780
Uttar Pradesh	0.74	7.85	1.24	5.08	1671	0.74	8.49	1.23	5.55	1677
Gujarat	0.46	4.89	0.69	2.84	1501	0.46	5.28	0.79	3.55	1727
Himachal Pradesh	0.29	3.10	0.68	2.79	2325	0.29	3.39	0.66	2.95	2233
Jammu & Kashmir	0.30	3.17	0.53	2.18	1776	0.31	3.58	0.51	2.30	1648
West Bengal	0.13	1.37	0.52	2.15	4059	0.11	1.22	0.42	1.87	3947
Jharkhand	0.26	2.76	0.52	2.12	1988	0.25	2.88	0.45	2.03	1812
Punjab	0.13	1.38	0.51	2.08	3900	0.13	1.49	0.48	2.13	3682
Others	0.48	5.09	0.97	3.99	@	0.47	5.37	0.88	3.93	@
All India	9.43	100.00	24.35	100.00	2583	8.67	100.00	22.26	100.00	2566

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: 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.

Fourth Advance Estimates.

* Provisional.

Table 4.12(a) All India Area, Production and Yield of Total Pulses along with Coverage under Irrigation

Year	Area	Production	Yield	Area - Million Hectares
				Production - Million Tonnes
(1)	(2)	(3)	(4)	Yield - Kg/Hectare
				Area under Irrigation (%)
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
1983-84	23.54	12.89	548	7.5

(Contd.)

Table 4.12a (*Contd.*)

Year	Area	Production	Yield	Area under Irrigation (%)
(1)	(2)	(3)	(4)	(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
1999-2000	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	-
2013-14*	25.23	19.27	764	-

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Note: * Fourth Advance Estimates.

Table 4.12(b) Area, Production and Yield of Total Pulses during 2012-13 and 2013-14 in Major Producing States along with Coverage under Irrigation

State	2013-14 [#]					2012-13					Area - Million Hectares Production - Million Tonnes Yield - Kg/Hectare	
	Area		Yield		Area	Yield		Area	% to All India	Production	% to All India	Yield
	(2)	(3)	(4)	(5)		(6)	(7)					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(12)
Madhya Pradesh	5.43	21.52	5.09	26.41	938	5.31	22.83	5.17	28.19	974	35.1	35.1
Maharashtra	3.92	15.54	3.12	16.19	796	3.27	14.06	2.31	12.60	706	8.7	8.7
Rajasthan	4.20	16.64	2.47	12.82	589	3.25	13.97	1.96	10.69	603	13.1	13.1
Uttar Pradesh	2.31	9.14	1.71	8.87	742	2.37	10.19	2.33	12.70	983	21.0	21.0
Andhra Pradesh	1.67	6.62	1.55	8.04	928	1.95	8.38	1.62	8.83	831	3.7	3.7
Karnataka	2.46	9.76	1.47	7.63	597	2.27	9.76	1.26	6.87	555	7.6	7.6
Gujarat	0.81	3.22	0.74	3.84	910	0.66	2.84	0.57	3.11	864	15.2	15.2
Jharkhand	0.57	2.25	0.57	2.96	1006	0.59	2.54	0.61	3.33	1034	2.9	2.9
Bihar	0.53	2.10	0.52	2.70	984	0.52	2.24	0.54	2.94	1038	3.2	3.2
Chhattisgarh	0.81	3.19	0.47	2.44	584	0.93	4.00	0.65	3.54	699	12.1	12.1
Tamil Nadu	0.88	3.49	0.44	2.28	500	0.51	2.19	0.21	1.15	412	10.6	10.6
Odisha	0.79	3.15	0.42	2.18	529	0.83	3.57	0.42	2.29	506	3.0	3.0
West Bengal	0.26	1.04	0.25	1.30	953	0.20	0.86	0.19	1.04	950	23.3	23.3
Haryana	0.15	0.61	0.13	0.67	850	0.16	0.69	0.13	0.71	813	27.6	27.6
Others	0.44	1.74	0.32	1.66	@	0.44	1.89	0.37	2.02	@	-	-
All India	25.23	100.00	19.27	100.00	764	23.26	100.00	18.34	100.00	788	16.1	16.1

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: 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.

Fourth Advance Estimates.

* Provisional.

Table 4.13(a) All India Area, Production and Yield of Gram along with Coverage under Irrigation

Year	Area	Production	Yield	Area - Million Hectares
				Production - Million Tonnes
				Yield - Kg/Hectare
				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
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
1999-2000	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	-
2013-14*	10.22	9.88	967	-

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Note: * Fourth Advance Estimates.

Table 4.13(b) Area, Production and Yield of Gram during 2012-13 and 2013-14 in Major Producing States along with Coverage under Irrigation

State	Area - Million Hectares Production - Million Tonnes Yield - Kg/Hectare													
	2013-14 [#]						2012-13						Area under Irrigation (%) 2011-12*	
	Area (2)	% to All India (3)	Production (4)	% to All India (5)	Yield (6)	Area (7)	% to All India (8)	Production (9)	% to All India (10)	Yield (11)	(12)			
(1)														
Madhya Pradesh	3.48	34.06	3.82	38.63	1096	3.13	36.71	3.81	43.16	1219	53.8			
Rajasthan	1.92	18.82	1.64	16.59	852	1.25	14.70	1.28	14.46	1020	34.1			
Maharashtra	1.82	17.80	1.62	16.42	891	1.12	13.14	0.85	9.67	763	24.3			
Andhra Pradesh	0.59	5.73	0.85	8.59	1449	0.68	7.99	0.76	8.63	1119	2.7			
Karnataka	0.92	8.95	0.57	5.76	622	0.97	11.37	0.62	7.05	643	15.1			
Uttar Pradesh	0.58	5.64	0.48	4.81	824	0.60	7.09	0.68	7.65	1119	14.0			
Gujarat	0.25	2.42	0.28	2.87	1150	0.17	2.02	0.17	1.90	978	43.8			
Chattisgarh	0.28	2.70	0.21	2.16	771	0.27	3.13	0.29	3.23	1069	37.3			
Bihar	0.06	0.60	0.08	0.81	1314	0.06	0.72	0.09	0.98	1402	5.2			
Haryana	0.08	0.81	0.08	0.76	904	0.05	0.55	0.05	0.60	1128	11.0			
Odisha	0.05	0.46	0.04	0.37	767	0.04	0.48	0.03	0.36	774	3.0			
West Bengal	0.03	0.29	0.04	0.36	1183	0.03	0.30	0.03	0.33	1175	30.6			
Others	0.17	1.70	0.19	1.87	@	0.15	1.79	0.17	1.97	@	-			
All India	10.22	100.00	9.88	100.00	967	8.52	100.00	8.83	100.00	1036	33.5			

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.
Notes: 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.
Fourth Advance Estimates.
* Provisional.

Table 4.14(a) All India Area, Production and Yield of Tur (Arhar) along with 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	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 4.14a (*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
1999-2000	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	-
2013-14*	3.88	3.29	849	-

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Note: * Fourth Advance Estimates.

Table 4.14(b) Area, Production and Yield of Tur (Arhar) during 2012-13 and 2013-14 in Major Producing States along with Coverage under Irrigation

State	2013-14 [#]				2012-13				Area - Million Hectares Production - Million Tonnes Yield - Kg/Hectare	
	Area		Yield		Area		Yield		Area	
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
(1)										
Maharashtra	1.10	28.24	0.97	29.34	881	1.18	30.31	0.97	31.96	819
Karnataka	0.82	21.21	0.60	18.31	733	0.66	16.95	0.37	12.12	555
Madhya Pradesh	0.49	12.50	0.46	14.06	955	0.53	13.63	0.35	11.61	662
Uttar Pradesh	0.30	7.76	0.27	8.23	900	0.31	7.99	0.33	10.75	1045
Andhra Pradesh	0.45	11.49	0.24	7.35	543	0.48	12.30	0.25	8.30	524
Gujarat	0.21	5.41	0.24	7.26	1138	0.23	5.86	0.27	8.93	1184
Jharkhand	0.19	4.99	0.21	6.25	1064	0.20	5.03	0.20	6.70	1034
Odisha	0.14	3.58	0.12	3.78	896	0.14	3.62	0.13	4.25	912
Tamil Nadu	0.07	1.68	0.06	1.73	873	0.04	1.02	0.03	1.03	785
Bihar	0.03	0.68	0.05	1.52	1897	0.02	0.57	0.05	1.56	2131
Others	0.10	2.46	0.07	2.18	@	0.11	2.72	0.08	2.79	@
All India	3.88	100.00	3.29	100.00	849	3.89	100.00	3.02	100.00	776

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: 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.

Fourth Advance Estimates.

* Provisional.

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

Year	Area	Production	Area - Million Hectares
			Production - Million Tonnes
			Yield - Kg/Hectare
(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
1999-2000	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
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

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Table 4.15(b) Area, Production and Yield of Lentil (Masur) during 2011-12 and 2012-13 in Major Producing States

State	2012-13				2011-12			
	Area	% to All India	Production	% to All India	Area	% to All India	Production	% to All India
	(2)	(3)	(4)	(5)	(7)	(8)	(9)	(10)
(1)								(11)
Uttar Pradesh	0.50	34.78	0.44	38.89	0.57	36.67	0.51	47.70
Madhya Pradesh	0.57	40.08	0.33	29.40	0.62	39.71	0.23	21.72
Bihar	0.16	11.22	0.18	16.16	0.17	10.78	0.17	16.21
Rajasthan	0.03	1.94	0.03	2.68	0.03	2.04	0.04	3.39
West Bengal	0.06	4.50	0.06	5.42	0.06	3.80	0.04	3.89
Assam	0.03	2.03	0.02	1.50	0.02	1.47	0.01	1.09
Others	0.08	5.46	0.07	5.95	0.09	5.52	0.06	6.00
All India	1.42	100.00	1.13	100.00	1.56	100.00	1.06	100.00

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

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

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

Table 4.16(a) All India Area, Production and Yield of Nine Oilseeds along with Coverage under Irrigation

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

(Contd.)

Table 4.16a (*Contd.*)

Year	Area	Production	Yield	Area under Irrigation (%)
(1)	(2)	(3)	(4)	(5)
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
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
1999-2000	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	-
2013-14*	28.53	32.88	1153	-

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: Data for 1950-51 to 1969-70 relate to total of five major oilseeds viz. groundnut, castor seed, sesamum, rapeseed & mustard (R&M) and linseed. After 1969-70, data also includes soya bean, sunflower seeds, niger seeds and safflower seeds.

* Fourth Advance Estimates.

NA Not available.

Table 4.16(b) Area, Production and Yield of Nine Oilseeds during 2012-13 and 2013-14 in Major Producing States along with Coverage under Irrigation

State	2013-14 [#]					2012-13					Area - Million Hectares Production - Million Tonnes Yield - Kg/Hectare	
	Area		Yield		% to All India	Area		Yield		% to All India	Area	
	(2)	(3)	(4)	(5)		(7)	(8)	(9)	(10)		(11)	(12)
(1)												
Gujarat	3.08	10.79	6.84	20.80		2.45	9.26	2.71	8.74		1103	34.9
Madhya Pradesh	7.83	27.44	6.66	20.24		7.53	28.45	9.28	29.98		1231	4.8
Rajasthan	5.28	18.51	6.07	18.46		4.91	18.55	6.36	20.57		1296	57.0
Maharashtra	4.45	15.61	5.24	15.94		3.81	14.37	5.09	16.44		1337	3.6
Andhra Pradesh	1.97	6.89	1.84	5.58		1.95	7.34	1.65	5.34		849	23.2
Karnataka	1.51	5.28	1.28	3.91		1.42	5.37	0.92	2.97		647	30.1
Tamil Nadu	0.42	1.48	1.00	3.06		0.39	1.47	0.82	2.64		2103	62.4
West Bengal	0.79	2.76	0.93	2.84		0.73	2.76	0.85	2.75		1162	82.6
Uttar Pradesh	1.11	3.88	0.93	2.84		1.15	4.33	1.03	3.33		898	46.4
Haryana	0.55	1.93	0.90	2.73		0.58	2.19	0.99	3.21		1712	79.9
Assam	0.28	1.00	0.16	0.49		0.31	1.16	0.19	0.60		610	0.4
Odisha	0.22	0.78	0.16	0.49		0.24	0.92	0.17	0.55		700	16.2
Bihar	0.13	0.45	0.14	0.44		0.13	0.48	0.14	0.46		1117	54.0
Punjab	0.05	0.17	0.07	0.21		0.05	0.19	0.07	0.22		1350	84.3
Others	0.86	3.02	0.65	1.97		0.84	3.16	0.68	2.19		@	-
All India	28.53	100.00	32.88	100.00		26.48	100.00	30.94	100.00		1168	27.6

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: 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.

Fourth Advance Estimates.

* Provisional.

Table 4.17(a) All India Area, Production and Yield of Groundnut along with Coverage under Irrigation

Year	Area	Production	Yield	Area - Million Hectares
				Production - Million Tonnes
				Yield - Kg/Hectare
				Area under Irrigation (%)
(1)	(2)	(3)	(4)	(5)
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

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
1999-2000	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	-
2013-14*	5.53	9.67	1750	-

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: * Fourth Advance Estimates.

NA Not available.

Table 4.17(b) Area, Production and Yield of Groundnut during 2012-13 and 2013-14 in Major Producing States along with Coverage under Irrigation

State	2013-14 [#]						2012-13				Area - Million Hectares	
	2013-14 [#]			2013-14 [#]			2012-13			Production - Million Tonnes		
	Area	% to All India	Production	% to All India	Yield	Area	% to All India	Production	% to All India	Yield	Area under Irrigation (%) 2011-12*	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
Gujarat	1.84	#NA	4.92	#NA	2670	1.29	#NA	0.76	#NA	590	12.4	
Andhra Pradesh	1.39	#NA	1.23	#NA	890	1.35	#NA	1.12	#NA	829	21.9	
Tamil Nadu	0.34	#NA	0.96	#NA	2812	0.34	#NA	0.78	#NA	2315	40.0	
Rajasthan	0.47	8.44	0.91	9.37	1943	0.40	8.44	0.62	13.15	1549	76.6	
Karnataka	0.73	13.12	0.66	6.80	907	0.59	12.48	0.40	8.41	671	27.6	
Maharashtra	0.27	4.83	0.33	3.36	1217	0.27	5.72	0.29	6.07	1056	20.8	
Madhya Pradesh	0.20	3.62	0.20	2.05	990	0.21	4.36	0.31	6.64	1515	8.2	
Uttar Pradesh	0.10	1.74	0.09	0.89	896	0.09	1.99	0.09	2.00	1000	3.2	
Odisha	0.06	1.05	0.08	0.83	1375	0.07	1.41	0.08	1.74	1231	19.8	
Others	0.14	2.60	0.31	3.16	@	0.13	2.74	0.25	5.42	@	-	
All India	5.53	#NA	9.67	#NA	1750	4.72	#NA	4.70	#NA	995	24.3	

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: 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.

Fourth Advance Estimates.

* Provisional.

Table 4.18(a) All India Area, Production and Yield of Rapeseed & Mustard along with Coverage under Irrigation

Year	Area	Production	Yield	Area - Million Hectares
				Production - Million Tonnes
				Yield - Kg/Hectare
				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 4.18a (*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
1999-2000	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	-
2013-14*	6.70	7.96	1188	-

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: * Fourth Advance Estimates.

NA Not available.

Table 4.18(b) Area, Production and Yield of Rapeseed & Mustard during 2012-13 and 2013-14 in Major Producing States along with Coverage under Irrigation

State	2013-14 [#]						2012-13				Area - Million Hectares	
	Area			Yield			Area		Production		Production - Million Tonnes	
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	% to All India	Production	% to All India	Yield	% to All India	Area	% to All India	Production	% to All India	Yield	under Irrigation (%)	2011-12*
(1)												
Rajasthan	3.08	45.95	3.83	48.10	1243	2.83	44.55	3.81	47.51	1346	85.0	
Madhya Pradesh	0.81	12.15	0.90	11.33	1108	0.78	12.33	0.92	11.45	1172	45.9	
Haryana	0.54	8.01	0.88	11.06	1639	0.56	8.79	0.96	11.98	1721	80.1	
Uttar Pradesh	0.66	9.89	0.77	9.68	1162	0.66	10.40	0.84	10.41	1263	80.7	
West Bengal	0.46	6.79	0.49	6.16	1077	0.45	7.02	0.47	5.91	1062	88.1	
Gujarat	0.28	4.21	0.45	5.60	1582	0.21	3.35	0.36	4.50	1695	95.3	
Assam	0.26	3.84	0.15	1.82	565	0.03	0.42	0.17	2.12	6393	-	
Bihar	0.09	1.35	0.10	1.29	1132	0.28	4.39	0.10	1.22	352	63.7	
Punjab	0.03	0.49	0.04	0.55	1333	0.03	0.50	0.04	0.51	1281	89.9	
Others	0.49	7.31	0.35	4.42	@	0.52	8.24	0.35	4.38	@	-	
All India	6.70	100.00	7.96	100.00	1188	6.36	100.00	8.03	100.00	1262	73.2	

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: 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.

Fourth Advance Estimates.

* Provisional.

Table 4.19(a) All India Area, Production and Yield of Soya Bean along with Coverage under Irrigation

Year	Area	Production	Yield	Area - Million Hectares
				Production - Million Tonnes
				Yield - Kg/Hectare
				Area under Irrigation (%)
(1)	(2)	(3)	(4)	(5)
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
1999-2000	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
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	-
2013-14*	12.20	11.99	983	-

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Note: * Fourth Advance Estimates.

NA Not available.

Table 4.19(b) Area, Production and Yield of Soya Bean during 2012-13 and 2013-14 in Major Producing States along with Coverage under Irrigation

State	2013-14 [#]				2012-13				Area - Million Hectares Production - Million Tonnes Yield - Kg/Hectare	
	Area		Yield		Area		Yield		Area	
	(2)	(3)	(4)	(5)	(7)	(8)	(9)	(10)	(11)	(12)
(1)										
Madhya Pradesh	6.38	52.30	5.37	44.78	6.03	55.64	7.80	53.18	1293	0.2
Maharashtra	3.92	32.11	4.79	39.91	3.22	29.69	4.67	31.85	1451	0.4
Rajasthan	1.18	9.64	0.98	8.13	1.04	9.59	1.47	10.01	1412	0.2
Andhra Pradesh	0.25	2.01	0.39	3.29	0.16	1.47	0.29	1.97	1818	13.6
Karnataka	0.23	1.84	0.25	2.12	0.17	1.57	0.18	1.21	1047	8.1
Others	0.26	2.10	0.21	1.77	0.22	2.04	0.26	1.77	@	-
All India	12.20	100.00	11.99	100.00	10.84	100.00	14.67	100.00	1353	0.6

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: 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.

[#] Fourth Advance Estimates.

* Provisional.

Table 4.20(a) All India Area, Production and Yield of Sunflower along with Coverage under Irrigation

Year	Area	Production	Yield	Area - Million Hectares
				Production - Million Tonnes
				Yield - Kg/Hectare
				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
1999-2000	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
2003-04	2.00	0.93	464	15.4

(Contd.)

Table 4.20a (*Contd.*)

Year	Area	Production	Yield	Area under Irrigation (%)
(1)	(2)	(3)	(4)	(5)
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	-
2013-14*	0.69	0.55	791	-

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: * Fourth Advance Estimates.

NA Not available.

Table 4.20(b) Area, Production and Yield of Sunflower during 2012-13 and 2013-14 in Major Producing States along with Coverage under Irrigation

State	2013-14 [#]				2012-13				Area - Million Hectares Production - Million Tonnes Yield - Kg/Hectare			
	Area		Yield		Area		Yield		Area		Yield	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Karnataka		0.44	64.14	0.30	54.34	670	0.51	61.41	0.27	48.71	520	26.3
Andhra Pradesh		0.10	14.48	0.09	16.10	880	0.14	17.10	0.10	19.11	732	41.6
Maharashtra		0.06	8.83	0.04	6.95	623	0.08	9.39	0.03	6.25	436	22.8
Bihar		0.02	2.19	0.02	3.90	1411	0.02	1.93	0.02	4.25	1441	85.9
Haryana		0.01	1.01	0.01	2.20	1714	0.02	1.81	0.03	4.78	1733	100.0
Tamil Nadu		0.01	1.14	0.01	2.18	1506	0.01	1.30	0.01	2.69	1357	76.8
Uttar Pradesh		0.00	0.43	0.01	1.04	1900	0.00	0.36	0.00	0.83	1500	94.1
Others		0.05	7.77	0.07	13.30	@	0.06	6.70	0.07	13.39	@	-
All India		0.69	100.00	0.55	100.00	791	0.83	100.00	0.54	100.00	655	32.4

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: 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.

Fourth Advance Estimates.

* Provisional.

Table 4.21(a) All India Area, Production and Yield of Cotton along with Coverage under Irrigation

Year	Area	Production	Yield	Area - Million Hectares
				Production - Million bales (170 Kg of each)
				Yield - Kg/Hectare
				Area under Irrigation (%)
(1)	(2)	(3)	(4)	(5)
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
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
1999-2000	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	-
2013-14*	11.69	36.59	532	-

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Note: * Fourth Advance Estimates.

Table 4.21 (b) Area, Production and Yield of Cotton during 2012-13 and 2013-14 in Major Producing States along with Coverage under Irrigation

State	2013-14 [#]						2012-13				Production - Million Bales (170 Kg each)		Area - Million Hectares	
	Area			Yield			Area		Production		Yield		Area	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Gujarat		2.69	23.01	10.95	29.93	692	2.50	20.85	8.85	25.86	603	56.7		
Maharashtra		3.87	33.11	8.52	23.29	374	4.15	34.62	7.66	22.37	314	2.7		
Andhra Pradesh		2.27	19.40	7.14	19.51	535	2.40	20.04	7.35	21.48	521	18.2		
Haryana		0.57	4.84	2.55	6.97	766	0.61	5.13	2.50	7.31	692	99.9		
Punjab		0.51	4.32	2.25	6.15	757	0.48	4.01	2.00	5.84	708	100.0		
Madhya Pradesh		0.62	5.31	1.85	5.06	506	0.61	5.08	2.20	6.43	615	49.8		
Karnataka		0.59	5.08	1.40	3.83	401	0.49	4.05	1.26	3.67	440	26.0		
Rajasthan		0.30	2.59	1.05	2.87	589	0.45	3.76	1.40	4.09	529	93.0		
Tamil Nadu		0.14	1.19	0.50	1.37	612	0.13	1.07	0.50	1.46	664	29.1		
Others		0.13	1.15	0.38	1.04	@	0.17	1.41	0.51	1.49	@	-		
All India		11.69	100.00	36.59	100.00	532	11.98	100.00	34.22	100.00	486	35.9		

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: 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.

Fourth Advance Estimates.

* Provisional.

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

Year	Area	Production	Area - Million Hectares
			Production - Million Bales (180 Kg each)
			Yield - Kg/Hectare
(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
1984-85	1.13	7.79	1242

(Contd.)

Table 4.22a (*Contd.*)

Year	Area	Production	Yield
(1)	(2)	(3)	(4)
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
1999-2000	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	2192
2011-12	0.90	11.40	2283
2012-13	0.86	10.93	2281
2013-14*	0.85	11.58	2449

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Note: * Fourth Advance Estimates.

Table 4.22(b) Area, Production and Yield of Jute and Mesta during 2012-13 and 2013-14 in Major Producing States

State	2013-14 [#]				2012-13			
	Area	% to All India	Production	% to All India	Yield	Area	% to All India	Production
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
West Bengal	0.57	67.53	8.62	74.45	2700	0.58	67.64	8.31
Bihar	0.14	16.24	1.93	16.66	2513	0.14	16.31	1.72
Assam	0.07	8.69	0.74	6.40	1804	0.07	8.07	0.58
Andhra Pradesh	0.01	1.06	0.08	0.72	1660	0.02	1.74	0.13
Odisha	0.01	1.73	0.08	0.71	1008	0.02	1.79	0.08
Maharashtra	0.02	2.58	0.04	0.30	286	0.02	2.32	0.03
Meghalaya	\$	0.00	\$	0.00	\$	0.01	0.93	0.05
Others	0.02	2.17	0.09	0.75	@	0.01	1.21	0.02
All India	0.85	100.00	11.58	100.00	2449	0.86	100.00	10.93
								2281

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: 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.

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

Fourth Advance Estimates.

Table 4.23(a) All India Area, Production and Yield of Sugarcane along with 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	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
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
1999-2000	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	-
2013-14*	5.01	350.02	69838	-

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Note: * Fourth Advance Estimates.

Table 4.23(b) Area, Production and Yield of Sugarcane during 2012-13 and 2013-14 in Major Producing States along with Coverage under Irrigation

State	2013-14#					2012-13					Area - Million Hectares Production - Million Tonnes Yield - Kg/Hectare	
	Area	% to All India	Production	% to All India	Yield	Area	% to All India	Production	% to All India	Yield	Area under Irrigation (%) 2011-12*	
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(12)
Uttar Pradesh	2.23	44.45	135.16	38.62	60665	2.21	44.25	132.43	38.81	59868	93.1	93.1
Maharashtra	0.94	18.70	76.55	21.87	81702	0.93	18.66	69.65	20.41	74650	100.0	100.0
Karnataka	0.42	8.38	35.91	10.26	85500	0.43	8.50	35.73	10.47	84075	100.0	100.0
Tamil Nadu	0.33	6.53	31.76	9.07	97007	0.35	6.94	33.92	9.94	97749	100.0	100.0
Andhra Pradesh	0.19	3.83	15.36	4.39	80000	0.20	3.92	15.57	4.56	79423	95.8	95.8
Bihar	0.27	5.30	13.48	3.85	50740	0.25	5.00	12.74	3.73	50964	67.8	67.8
Gujarat	0.17	3.47	12.55	3.59	72126	0.18	3.52	12.69	3.72	72102	94.5	94.5
Haryana	0.10	2.04	7.45	2.13	73000	0.10	2.02	7.44	2.18	73634	99.7	99.7
Uttarakhand	0.10	2.08	6.43	1.84	61846	0.11	2.18	6.79	1.99	62248	98.8	98.8
Punjab	0.09	1.78	6.31	1.80	70918	0.08	1.66	5.92	1.73	71313	96.2	96.2
Madhya Pradesh	0.07	1.42	3.31	0.95	46621	0.06	1.19	2.64	0.77	44403	99.5	99.5
West Bengal	0.02	0.34	1.71	0.49	100294	0.02	0.32	1.62	0.47	100435	59.3	59.3
Assam	0.03	0.58	0.97	0.28	33414	0.03	0.58	1.03	0.30	35613	-	-
Odisha	0.01	0.28	0.94	0.27	65951	0.01	0.29	0.95	0.28	65520	100.0	100.0
Others	0.04	0.83	2.14	0.61	@	0.05	0.96	2.09	0.61	@	-	-
All India	5.01	100.00	350.02	100.00	69838	5.00	100.00	341.20	100.00	68254	94.3	94.3

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: 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.

Fourth Advance Estimates.

* Provisional.

Table 4.24(a) All India Area, Production and Yield of Tobacco along with
Percentage Coverage under Irrigation

Year	Area	Production	Yield	Area - Million Hectares
				Production - Million Tonnes
				Yield - Kg/Hectare
				Area under Irrigation (%)
(1)	(2)	(3)	(4)	(5)
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
1982-83	0.50	0.58	1157	29.6

(Contd.)

Table 4.24a (*Contd.*)

Year	Area	Production	Yield	Area under Irrigation (%)
(1)	(2)	(3)	(4)	(5)
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
1999-2000	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	0.88	1794	47.1
2011-12	0.47	0.75	1613	50.9
2012-13	0.43	0.66	1542	-

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Note: NA Not available.

Table 4.24(b) Area, Production and Yield of Tobacco during 2011-12 and 2012-13 in Major Producing States along with Coverage under Irrigation

State	2012-13				2011-12				Area - '000 Hectares Production - '000 Tonnes Yield - Kg/Hectare	
	Area		% to All India		Yield		Area		% to All India	
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
(1)										
Andhra Pradesh	134.00	31.45	268.00	40.79	2000	132.00	28.32	259.00	34.45	1962
Gujarat	124.00	29.11	212.00	32.27	1710	158.00	33.90	279.00	37.11	1766
Karnataka	106.00	24.88	67.00	10.20	632	115.00	24.68	106.00	14.10	922
Uttar Pradesh	23.79	5.58	51.05	7.77	2146	25.51	5.47	53.10	7.06	2082
Bihar	10.91	2.56	20.63	3.14	1891	9.94	2.13	18.74	2.49	1885
Tamil Nadu	4.18	0.98	6.39	0.97	1529	2.87	0.62	4.38	0.58	1526
Maharashtra	1.00	0.23	1.00	0.15	1000	0.95	0.20	1.10	0.15	1158
Others	22.16	5.20	30.92	4.71	1395	21.76	4.67	30.40	4.04	1397
All India	426.04	100.00	656.99	100.00	1542	466.03	100.00	751.72	100.00	1613

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

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

* Provisional.

State

Area

under Irrigation (%)

2011-12*

Table 4.25 All India Area, Production and Yield of Guarseed and Sunhemp

	Area - '000 Hectares Production - '000 Tonnes Yield - Kg/Hectare		
Year	Area	Production	Yield
(1)	(2)	(3)	(4)
Guarseed			
1997-98	2301.2	962.7	418
1998-99	1922.1	488.5	254
1999-2000	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	2989.6	593.1	198
2010-11	3382.2	1965.3	581
2011-12	3444.2	2217.6	644
2012-13	5151.7	2460.7	478
Sunhemp[@]			
1997-98	54.6	64.5	213
1998-99	47.5	58.9	223
1999-2000	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	25.0	43.9	317
2010-11	28.1	58.7	375
2011-12	21.2	77.6	660
2012-13	17.5	59.1	608

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Note: @ Production in '000 bales (of 180 kg each).

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

Oilseeds/Oils	Qty in Lakh Tonnes											
	2002-03		2003-04		2004-05		2005-06		2006-07		2007-08	
	Oilseeds	Oils	Oilseeds	Oils	Oilseeds	Oils	Oilseeds	Oils	Oilseeds	Oils	Oilseeds	Oils
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
A. Primary Source												
Groundnut	41.21	9.48	81.27	18.69	67.74	15.58	79.93	18.38	48.64	11.19	91.82	21.12
Rapeseed & Mustard	38.80	12.03	62.91	19.50	75.93	23.54	81.31	25.21	74.38	23.05	58.34	18.08
Soya bean	46.55	7.45	78.18	12.51	68.77	11.00	82.74	13.24	88.51	14.16	109.68	17.55
Sunflower	8.73	2.88	9.30	3.07	11.87	3.92	14.39	4.75	12.28	4.05	14.63	4.83
Sesamum	4.41	1.37	7.82	2.42	6.74	2.09	6.41	1.99	6.18	1.92	7.57	2.35
Niger seed	0.86	0.26	1.09	0.33	1.12	0.34	1.08	0.32	1.21	0.36	1.1	0.33
Safflower	1.79	0.54	1.35	0.40	1.74	0.52	2.29	0.69	2.40	0.72	2.25	0.68
Castor	4.28	1.71	7.97	3.19	7.93	3.17	9.91	3.96	7.62	3.05	10.53	4.21
Linseed	1.77	0.53	1.97	0.59	1.70	0.51	1.73	0.52	1.68	0.50	1.63	0.49
Sub-total	148.39	36.24	251.86	60.70	243.54	60.67	279.79	69.06	242.89	59.00	297.55	69.64
B. Secondary Source												
Coconut		5.50		5.50		5.50		4.20		4.50		4.50
Cottonseed		4.30		4.30		4.30		5.70		6.30		8.00
Rice bran		6.00		6.00		6.20		6.80		7.00		7.20
Solvent Extracted Oils		2.00		3.30		3.50		4.30		3.50		4.00
Tree & Forest Origin		0.80		0.80		0.80		1.30		1.20		1.20
Sub-total		18.60		19.90		20.30		22.30		22.50		24.90
Total (A + B)		54.84		80.60		80.97		91.36		81.50		94.54
C. Less: Exports & Industrial Use		8.20		9.20		8.50		8.20		7.80		8.00
D. Net Domestic Availability of Edible Oils		46.64		71.40		72.47		83.16		73.70		86.54
E. Import of Edible Oils ^s		43.65		52.90		45.42		42.88		47.15		56.08
F. Total Availability/Consumption of Edible Oils		90.29		124.30		117.89		126.04		120.85		142.62

(Contd.)

Table 4.26 (Contd.)

Oilseeds/Oils	2008-09		2009-10		2010-11		2011-12*		2012-13**		2013-14***	
	Oilseeds (14)	Oils (15)	Oilseeds (16)	Oils (17)	Oilseeds (18)	Oils (19)	Oilseeds (20)	Oils (21)	Oilseeds (22)	Oils (23)	Oilseeds (24)	Oils (25)
A. Primary Source												
Groundnut	71.68	16.48	54.29	12.49	82.65	19.01	69.64	16.02	46.95	10.80	96.73	22.25
Rapeseed & Mustard	72.01	22.32	66.08	20.48	81.79	25.35	66.04	20.47	80.29	24.89	79.6	24.68
Soya bean	99.05	15.85	99.65	15.94	127.36	20.38	122.14	19.54	146.66	23.47	119.89	19.19
Sunflower	11.58	3.82	8.51	2.81	6.51	2.15	5.16	1.70	5.44	1.80	5.47	1.80
Sesamum	6.40	1.98	5.88	1.82	8.93	2.77	8.10	2.51	6.85	2.12	6.75	2.09
Niger seed	1.17	0.35	1.00	0.30	1.08	0.32	0.98	0.29	1.02	0.31	0.89	0.26
Safflower	1.89	0.57	1.79	0.54	1.50	0.45	1.45	0.44	1.09	0.33	1.14	0.34
Castor	11.71	4.68	10.09	4.04	13.50	5.40	22.95	9.18	19.64	7.86	16.89	6.76
Linseed	1.69	0.51	1.54	0.46	1.47	0.44	1.52	0.46	1.49	0.45	1.43	0.43
Sub-total	277.18	66.56	248.83	58.88^s	324.79	76.27	297.98	70.61	309.43	72.03	328.79	77.80
B. Secondary Source												
Coconut	4.50	4.50		4.50		4.00	-	4.00	-	3.90	-	4.30
Cottonseed	7.60	7.60		8.00		10.89	-	11.62	-	11.57	-	12.40
Rice bran	7.70	7.70		7.20		7.20	-	7.50	-	7.8	-	8.10
Solvent Extracted Oils	4.00	4.00		4.20		4.20	-	4.10	-	4.10	-	4.10
Tree & Forest Origin	1.20	1.20		1.20		1.20	-	1.20	-	1.20	-	1.20
Sub-total	25.20	25.20		25.10		27.49	-	28.42	-	28.57	-	30.10
Total (A + B)	91.56	91.56		83.98		103.760	-	99.03	-	100.60	-	107.90
C. Less: Exports & Industrial Use	7.00	7.00		4.52		5.94	-	9.46	-	8.41	-	7.10
D. Net Domestic Availability of Edible Oils	84.56	84.56		79.46		97.82	-	89.57	-	92.19	-	100.80
E. Import of Edible Oils^s	81.83			88.23		72.42	-	99.43	-	106.05	-	88.60 (up to Aug'14)
F. Total Availability/Consumption of Edible Oils	166.39			167.69		170.24	-	189.00	-	198.24	-	

Source: Directorate of Vanaspati, Vegetable Oils and Fats.

Notes: * Based on final Estimate (released by Ministry of Agriculture on 8 February 2013).

** Based on final estimate (released by Ministry of Agriculture on 14 February 2014).

*** Based on fourth Advance estimates (released by Ministry of Agriculture on 14 August 2014).

\$ Data provided by 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	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14 (P)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	23905	43500	35509	38000	43593	57402	63487	97987	127570	161566
Karnataka	681	793	974	1037	1170	1118	1459	1740	1770	1736
Tamil Nadu	110	178	249	273	366	365	486	759	1035	820
Gujarat	NR	NR	Nil	NA	0	0	0	0	0	0
Odisha	0	0	0	NA	476	589	871	2162	443	558
Goa	349	379	345	342	393	279	329	394	372	371
Tripura	NA	NA	NA	NA	NA	NA	NA	NA	0	0
Assam	0	0	0	NA	NA	NA	NA	NA	0	0
Kerala	5793	6478	6888	5750	7400	6600	6900	7500	7378	6303
Andaman & Nicobar Islands	0	0	0	NA	NA	NA	0	0	0	0
Mizoram	0	0	0	0	0	0	0	0	0	0
Total	30838	51328	43965	45403	53397	66353	73532	110542	138568	171354

Source: Data/Information based on input provided by state governments and Departments of Oilseeds Development Hyderabad, compiled by Department of Agriculture and Cooperation (TMOP).

Notes: P Provisional.

NR Not reported.

NA Not available.

Table 4.28(a) State-wise Production of Oil Palm Fresh Fruit Bunches under Oil Palm Development Programme from 2004-05 to 2013-14

State	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14 (P)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	138929	203000	215000	226200	259495	347892	385009	573024	790881	933981
Karnataka	4127	4528	5415	5764	6685	6387	8337	9942	10112	9917
Tamil Nadu	681	1202	1584	1659	1987	2080	2920	4743	5244	5495
Gujarat	6	20	10	12	2	6	26	91	134	158
Odisha	0	0	0	0	2799	3464	5128	12720	2920	3722
Goa	1994	2143	1951	1936	2236	1591	1878	2229	2056	2046
Tripura	465	NA	447	NR	0	NR	NR	NR	0	0
Assam	0	0	0	NR	NR	NR	NR	NR	0	0
Kerala	29940	33795	34496	29300	38400	35100	41000	43200	41350	38350
Andaman & Nicobar Islands	0	0	NR	NR	NR	NR	NR	NR	0	0
Mizoram	0	0	0	0	2	32	88	480	1339	1544
Total	176142	244688	258903	264871	311607	396551	444385	646428	854036	995212

Source: Department of Agriculture and Cooperation (TMOP).

Notes: P Provisional.

NA Not available.

NR Not reported.

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

State	2005-06		2006-07		2007-08		2008-09	
	Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Andhra Pradesh	4800	9563	5200	11882	15000	12074	20000	17049
Karnataka	1500	1591	1800	3714	5000	4314	5000	3005
Tamil Nadu	2000	1210	2200	1746	3500	1780	2000	1939
Gujarat	500	24	550	57	1000	356	1000	518
Odisha	500	0	500	300	1000	991	1000	1000
Goa	350	7	400	3	100	9	25	5
Tripura	300	55	300	19	0	0	0	0
Assam	300	0	300	0	0	0	0	0
Kerala	400	188	400	270	480	182	475	115
Maharashtra	0	0	0	0	0	0	0	0
Mizoram	350	24	350	185	3500	1614	2000	2547
Chhattisgarh	0	0	0	0	0	0	0	0
Total	11000	12661	12000	18176	29580	21321	31500	26178

(Contd.)

Table 4.28(b) (Contd.)

State	2009-10		2010-11		2011-12		2012-13		(Area in Hectare)	
	Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Andhra Pradesh	15000	7755	15000	7455	40000	14500	27000	14919	18081	11890
Karnataka	3500	2325	3600	2936	7000	4314	5186	2513	6173	2880
Tamil Nadu	3375	1423	3000	2200	7000	2134	5866	1200	6166	926
Gujarat	1000	740	1000	286	1000	904	1130	377	1253	454
Odisha	0	NA	3000	3000	3700	4300	5000	3150	4000	2000
Goa	20	7	20	2	20	6	0	0	0	0
Tripura	0	0	0	0	0	0	0	0	0	0
Assam	0	0	0	0	0	0	0	0	0	0
Kerala	350	91	400	89	250	60	250	36	50	54
Maharashtra	0	0	250	80	200	200	250	194	306	0
Mizoram	4466	3499	2500	1877	1000	1970	5000	3711	5000	4532
Chhattisgarh	0	0	0	0	100	0	250	200	318	212
Total	27711	15840	28770	17925	60170	28388	49932	26300	41347	22948

Source: Department of Agriculture and Cooperation (TMOP).

Notes: P Provisional.

Implemented under OPAP (RKVY). However, Kerala and Goa are not covered under OPAP.

NA Not available.

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

State	Area Covered under Oil Palm			Area Uprooted	(Area in Hectare)	
	Prior to OPDP	Under OPDP	Total Cultivated Area		Net Area (up to March 2014)	
(1)	(2)	(3)	(4)	(5)	(6)	
Andhra Pradesh	1232	149552	150784	5457	145327	
Karnataka	1114	37277	38391	6842	31549	
Tamil Nadu	0	28238	28238	5384	22854	
Gujarat	0	4415	4415	219	4196	
Odisha	0	16225	16225	0	16225	
Goa	0	924	924	42	882	
Tripura	0	530	530	0	530	
Assam	0	10	10	0	10	
West Bengal [@]	0	0	0	0	0	
Kerala	3646	2094	5740	0	5740	
Maharashtra	1000	474	1474	0	1474	
Andaman & Nicobar Islands [@]	1593	0	1593	0	1593	
Mizoram	0	19971	19971	0	19971	
Chhattisgarh*	0	412	412	0	412	
Total	8585	260122	268707	17944	250763	
Year-wise average area lost (presumed)	0	17944	17944	0	0	
Existing Net Area	8585	242178	250763	17944	250763	

Source: Department of Agriculture and Cooperation (TMOP).

Notes: @ OPDP scheme not implemented so far.

* Included under OPAP since 2011-12.

4(B) Yield Rates of Principal Crops

Table 4.1.1 All India Estimates of Yield of Major Crops

Crops	Season	Yield (Kg/hectare)											
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Rice	Autumn			1327	1349	2804	2892	3107	2186	1776	1938	NA	NA
	Winter			1756	1795	2000	1892	1968	1939	2338	2257	NA	NA
	Kharif			2039	2199	1963	2138	2054	2053	2050	2399	NA	NA
	Total Kharif			1883	1990	2024	2095	2082	2019	2121	2311	2406	2326
	Rabi/Summer			3077	3127	3130	3149	3010	3055	3176	3238	3353	3273
	Total			1984	2102	2131	2202	2178	2125	2239	2393	2461	2424
Wheat	Rabi			2602	2619	2708	2802	2907	2839	2989	3177	3169	3075
Jowar	Kharif			987	1082	992	1176	1055	853	1119	1257	1171	1053
	Rabi			641	726	727	894	904	865	827	741	644	846
	Total			797	880	844	1021	962	860	949	957	850	926
Bajra	Kharif			859	802	886	1042	1015	731	1079	1171	1198	1164
Maize	Kharif			1740	1799	1660	2122	2048	1740	2285	2234	2246	2288
	Rabi/Summer			3224	3076	3793	3854	4387	3694	4003	3765	4152	3925
	Total			1907	1938	1912	2335	2414	2024	2540	2478	2566	2583
Ragi	Kharif			1567	1534	1226	1552	1477	1489	1705	1641	1396	1656
Small Millets	Kharif			434	443	475	530	491	460	553	565	578	619
	Rabi			1958	1938	2055	1985	2394	2172	2357	2516	2521	2686
Barley	Kharif			1168	1178	1144	1410	1371	1119	1500	1563	1583	1600
Coarse Cereals	Rabi			1102	1152	1316	1510	1735	1525	1641	1689	1725	1930
	Total			1153	1172	1182	1431	1459	1212	1531	1590	1617	1677
	Kharif			1618	1693	1706	1846	1841	1694	1893	2056	2116	NA

Rabi	2382	2427	2526	2645	2721	2649	2800	2969	2931	NA
Total	1903	1968	2020	2151	2183	2075	2256	2415	2449	NA
Tur (Arhar)	667	765	650	826	671	711	655	662	776	849
Pulses Other Than Tur	304	300	349	429	376	244	536	474	477	402
Gram	815	808	845	762	895	915	895	928	1036	967
Pulses Other Than Gram	622	610	611	567	642	658	592	669	752	747
Pulses	417	456	449	557	478	397	578	541	594	594
Rabi	735	727	751	688	804	823	790	831	934	878
Total	577	598	612	625	659	630	691	699	789	764
Foodgrains	1430	1511	1522	1645	1654	1496	1669	1821	1892	1866
Rabi	1988	2020	2091	2174	2263	2202	2278	2430	2431	2387
Total	1652	1715	1756	1860	1909	1798	1930	2078	2129	2101

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: * Fourth Advance Estimates.

NA Not available.

Table 4.1.2 State-wise Yield of Kharif Foodgrains

State/UT	Yield (Kg/hectare)										
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh		2096	2167	2073	2630	2466	1978	2143	2449	2670	2326
Arunachal Pradesh		1158	1201	1204	1234	1249	1568	1674	1780	1803	#
Assam		1374	1409	1210	1283	1514	1647	1783	1673	1875	1942
Bihar		835	1096	1469	1197	1574	1145	1118	2152	2263	1760
Chhattisgarh		1072	1212	1236	1335	1100	1048	1539	1481	1633	1664
Goa		2740	2793	2440	2254	2454	2128	2896	2564	2583	#
Gujarat		1146	1238	1037	1380	1311	1204	1374	1403	1631	1592
Haryana		2186	2214	2466	2629	2283	2428	2323	2609	2801	2837
Himachal Pradesh		1975	1652	2044	2448	2008	1650	2037	2160	2002	2105
Jammu & Kashmir		1615	1656	1691	1710	1935	1611	1713	1706	2161	1794
Jharkhand		1207	1077	1595	1772	1785	1344	1250	1881	1941	1967
Karnataka		1539	1934	1470	1670	1682	1526	1940	1882	1732	1871
Kerala		2261	2214	2329	2227	2348	2456	2329	2588	2474	2505
Madhya Pradesh		821	963	792	903	931	902	957	1115	1279	1210
Maharashtra		920	1077	1093	1272	1084	1085	1329	1374	1281	1389
Manipur		2417	2241	2241	2348	2285	1832	2371	2541	2264	#
Meghalaya		1487	1405	1632	1556	1599	1623	1616	1688	1745	#
Mizoram		1894	1745	767	263	887	1014	1223	1351	1779	#
Nagaland		1634	1614	1503	1589	1846	1264	1965	1974	2029	#
Odisha		1282	1346	1352	1486	1342	1385	1410	1258	1575	1582
Punjab		3836	3765	3792	3952	3961	3960	3804	3735	3970	3939

Rajasthan	591	505	637	820	804	376	864	844	890	807
Sikkim	1455	1403	1403	1451	1397	1588	1523	1516	1618	#
Tamil Nadu	2073	2025	2805	2347	2344	2671	2598	3440	2336	2827
Tripura	2156	2169	2433	2549	2684	2639	2545	2542	2664	#
Uttar Pradesh	1584	1697	1628	1784	1904	1761	1827	2057	2142	2098
Uttarakhand	1502	1551	1606	1633	1580	1577	1535	1670	1693	1732
West Bengal	2389	2350	2356	2302	2415	2371	2457	2520	2551	2579
Andaman & Nicobar Islands	2713	2879	2870	3013	2802	2965	2836	2878	2713	#
Dadra & Nagar Haveli	1524	1545	1545	1545	1529	1021	1634	1544	1664	#
Delhi	1791	2054	2492	2372	2403	3132	3114	2279	2308	#
Daman & Diu	2353	2056	2056	1739	2054	1652	1609	1650	1669	#
Puducherry	2602	2372	2372	2488	2308	2457	2558	2488	2794	#
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	2092
All India	1430	1511	1522	1645	1654	1496	1669	1821	1892	1866

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: * Fourth Advance Estimates.

Included in others.

NA Not available.

Table 4.1.3 State-wise Yield of Rabi Foodgrains

State/UT	Yield (Kg/hectare)										
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh		2212	2669	2452	2590	3123	2677	3052	2622	2805	3070
Arunachal Pradesh		1642	1390	1402	1348	1340	1387	1515	1588	1399	-
Assam		1543	1446	1594	1774	1704	1726	1684	1829	2293	1984
Bihar		1585	1563	1876	1966	1991	1943	1826	2035	2480	2187
Chhattisgarh		470	572	661	708	702	770	786	797	857	746
Goa		919	1067	1383	1892	1042	1093	2167	839	2073	-
Gujarat		2204	2298	2123	2660	2117	2308	2581	2542	2510	2325
Haryana		3744	3651	4066	3983	4209	4079	4448	4782	4263	4513
Himachal Pradesh		1863	1813	1373	1377	1498	929	1532	1654	1696	1447
Jammu & Kashmir		1855	1740	1829	1713	1671	980	1490	1656	1550	1544
Jharkhand		1560	1016	1173	1162	1246	1258	1296	1389	1540	1477
Karnataka		1071	1464	980	1301	1231	1139	1236	1154	1111	1179
Kerala		2391	2268	2338	2197	2754	2517	2625	3052	2772	2687
Madhya Pradesh		1321	1234	1398	1174	1306	1475	1271	1711	1874	1816
Maharashtra		709	778	827	992	915	988	1019	853	719	991
Manipur		-	-	3273	-	510	510	996	1224	1822	#
Meghalaya		3868	1886	1587	3463	3138	3163	3163	3228	3826	#
Mizoram		1720	1939	1174	1286	1263	2111	1895	1992	1435	#
Nagaland		1120	1622	1414	1188	1304	1144	1129	1184	1351	#
Odisha		1492	1372	4197	1467	1520	1496	1588	1661	1713	1862
Punjab		4204	4165	2224	4495	4452	4298	4683	4888	4661	4803

Rajasthan	2128	1998	1142	2013	2370	2456	2112	2390	2458	2270
Sikkim	1185	1142	1923	940	1119	1024	942	1042	1027	#
Tamil Nadu	1213	1203	2304	1437	1817	1827	1759	2317	1499	1497
Tripura	2247	2272	2392	2599	2183	2344	2713	2872	2869	#
Uttar Pradesh	2233	2327	1946	2534	2714	2561	2809	2827	2840	2751
Uttarakhand	1955	1544	2858	1969	1880	2022	2217	2291	2302	2329
West Bengal	2688	2593	500	2994	2665	2855	2881	2953	3126	3083
Andaman & Nicobar Islands	571	500	975	571	571	615	442	575	508	#
Dadra & Nagar Haveli	974	975	4333	975	974	953	1046	1068	1139	#
Delhi	3939	4290	846	4347	4343	4362	4325	4344	4412	#
Daman & Diu	923	846	1785	846	846	846	846	-	#	#
Puducherry	1766	1785	2091	1455	1973	1944	1926	1545	2309	#
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	2316
All India	1988	2020	2091	2174	2263	2202	2278	2430	2431	2387

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: * Fourth Advance Estimates.

Included in others.

NA Not available.

Table 4.1.4 State-wise Yield of Total Foodgrains

State/UT	2004-05	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)	(11)
Andhra Pradesh	2138	2365	2231	2613	2744	2294	2530	2519	2670	2641
Arunachal Pradesh	1178	1212	1216	1241	1255	1555	1663	1767	1772	#
Assam	1405	1416	1286	1378	1551	1662	1763	1704	1962	1952
Bihar	1192	1311	1656	1546	1766	1530	1479	2098	2366	1971
Chhattisgarh	979	1111	1148	1238	1041	1008	1424	1384	1506	1532
Goa	2456	2509	2254	2091	2231	1987	2780	2272	2361	#
Gujarat	1412	1551	1423	1831	1595	1560	1843	1874	1970	1917
Haryana	3092	3045	3393	3420	3388	3383	3526	3879	3689	3854
Himachal Pradesh	1923	1731	1714	1918	1757	1297	1787	1911	1850	1774
Jammu & Kashmir	1686	1680	1733	1711	1851	1405	1639	1690	1962	1711
Jharkhand	1234	1073	1550	1709	1720	1330	1257	1798	1876	1874
Karnataka	1388	1776	1289	1548	1511	1377	1684	1629	1488	1622
Kerala	2278	2219	2331	2221	2440	2470	2399	2695	2547	2548
Madhya Pradesh	1131	1130	1167	1069	1168	1285	1162	1510	1676	1622
Maharashtra	836	948	940	1150	1001	1039	1184	1155	1038	1198
Manipur	2390	2241	2241	2297	2236	1796	2244	2397	1926	#
Meghalaya	1674	1455	1800	1774	1783	1809	1803	1873	1997	#
Mizoram	1888	1754	822	285	898	1047	1246	1382	1756	#
Nagaland	1577	1615	1482	1567	1811	1256	1902	1920	1967	#
Odisha	1300	1349	1369	1484	1363	1397	1432	1303	1592	1617
Punjab	4040	3986	1359	4255	4231	4144	4280	4364	4347	4409

Rajasthan	1008	919	4017	1180	1263	931	1249	1348	1480	1364
Sikkim	1406	1354	991	1378	1351	1496	1448	1495	1608	#
Tamil Nadu	1874	1847	1354	2125	2225	2477	2393	3162	2131	2396
Tripura	2179	2194	2610	2563	2526	2544	2587	2620	2711	#
Uttar Pradesh	1961	2057	2399	2206	2365	2236	2386	2498	2542	2474
Uttarakhand	1697	1548	2057	1785	1715	1780	1841	1945	1962	2001
West Bengal	2479	2423	1760	2525	2493	2522	2601	2645	2717	2732
Andaman & Nicobar Islands	2583	2713	2511	2485	2343	2420	2277	2512	2413	#
Dadra & Nagar Haveli	1430	1445	2746	1445	1434	1008	1530	1453	1585	#
Delhi	2892	3175	1445	3340	3348	3955	3909	3567	3531	#
Daman & Diu	1733	1548	3405	1417	1740	1361	1333	1650	1669	#
Puducherry	2331	2180	1548	2130	2201	2299	2354	2269	2650	#
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	2147
All India	1652	1715	1756	1860	1909	1798	1930	2078	2129	2101

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: * Fourth Advance Estimates.

Included in others.

NA Not available.

Table 4.1.5 State-wise Yield of Rice

State/UT	Season	Yield (Kg/hectare)											
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Andhra Pradesh	Kharif			2886	2525	2631	3177	2990	2742	2570	2980	2882	2552
	Rabi			3683	3659	3682	3651	3700	3543	3777	3543	3806	3496
	Total			3111	2939	2984	3344	3246	3062	3035	3148	3173	2891
	Kharif			1110	1195	1195	1275	1293	1777	1925	2065	2086	#
Arunachal Pradesh	Kharif			667	999	887	983	1069	966	1137	1217	1296	#
	Autumn			1573	1520	1302	1359	1616	1796	1910	1757	1968	#
Assam	Winter			1385	1421	1218	1293	1525	1662	1799	1688	1892	1962
	Kharif total			1959	1779	2019	2266	2133	2185	2082	2297	2965	2762
	Summer			1460	1468	1332	1428	1614	1737	1843	1780	2061	2101
	Total			893	940	962	635	1331	947	896	1399	1521	#
Bihar	Autumn			740	1090	1584	1332	1647	1132	1100	2322	2420	#
	Winter			767	1064	1486	1226	1596	1101	1063	2160	2268	1741
	Kharif total			1430	1369	1499	1561	1689	1737	2085	1912	2719	2715
	Summer			792	1075	1486	1237	1599	1120	1095	2155	2282	1774
Chattisgarh	Total			1170	1337	1354	1446	1176	1120	1663	1597	1746	1766
	Kharif			2850	2866	2406	2277	2335	1900	2358	2521	2599	#
Goa	Autumn			2608	2731	2566	2430	2752	2600	2677	2688	2853	#
	Winter			2771	2822	2458	2330	2466	2136	2467	2577	2679	#
	Kharif total			1745	1949	1799	1895	1698	1866	1956	2024	2095	2015
	Kharif			3506	-	-	2970	3080	3048	908	3190	4586	3033
Gujarat	Summer			1806	1949	1894	1942	1744	1903	1852	2141	2198	2053
	Total			2941	3051	3238	3361	2726	3008	2789	3044	3272	3256
Haryana	Kharif			1506	1412	1559	1546	1523	1381	1673	1705	1629	1736
Himachal Pradesh	Kharif			1969	2150	2194	2133	2186	1914	1942	2078	3126	2050
Jammu & Kashmir	Kharif												

Jharkhand	Autumn	710	628	-	-	-	-	-	2131	#	#
	Winter	1382	1223	-	-	-	-	-	NA		#
	Kharif total	1300	1150	1832	2024	2036	1547	1541	2131	2238	2238
	Rabi	2000	-	-	1000	1504	1504	-	NA		
Karnataka	Total	1305	1150	1828	2018	2031	1546	1541	2131	2238	#
	Kharif	2359	3657	2402	2545	2412	2345	2705	2717	2545	2759
	Rabi	3182	3200	2227	2100	2146	2237	2189	2186	1588	
	Summer	4404	4574	2761	2948	2883	2945	2838	3227	3381	#
	Rabi/ Summer	4190	4423	2690	2855	2805	2875	2759	3077	3030	3064
	Total	2712	3868	2470	2625	2511	2482	2719	2793	2632	2828
Kerala	Autumn	2296	2162	2264	2169	2428	2486	2415	2519	2548	#
	Winter	2253	2299	2408	2371	2370	2533	2348	2675	2451	#
	Kharif total	2271	2246	2352	2286	2395	2514	2377	2609	2492	2511
	Summer	2515	2726	2622	2407	2980	2719	2689	3155		2682
Madhya Pradesh	Total	2301	2284	2390	2310	2519	2557	2452	2733	2577	2551
	Kharif	720	999	824	938	927	872	1106	1340	1474	1438
Maharashtra	Kharif	1410	1770	1669	1898	1489	1474	1766	1837	1965	1879
	Rabi	2129	2098	2105	2128	2273	2250	2219	2074	1897	2289
	Total	1425	1779	1680	1903	1501	1485	1776	1841	1963	1891
Manipur	Kharif	2472	2322	2322	2446	2357	1889	2453	2642	2546	#
	Kharif	1528	1432	1695	1602	1651	1673	1671	1752	1807	#
	Rabi	4065	2214	4000	4147	3641	3679	3705	3762	4510	#
	Total	1737	1508	1916	1880	1886	1910	1912	1988	2125	#
Mizoram	Kharif	1895	1770	510	285	882	938	1160	1392	2091	#
	Rabi	2400	2600	1682	1000	2000	1500	NA	3000	1933	#
	Total	1900	1778	559	288	885	939	1160	1411	2088	#
	Kharif	1698	1682	1600	1685	1994	1426	2102	2106	2204	#

(Contd.)

Table 4.1.5 (Contd.)

State/UT (1)	Season (2)	2004-05 (3)	2005-06 (4)	2006-07 (5)	2007-08 (6)	2008-09 (7)	2009-10 (8)	2010-11 (9)	2011-12 (10)	2012-13 (11)	2013-14* (12)
Odisha	Autumn	988	872	1011	1097	1040	900	831	778	948	#
	Winter	1501	1623	1580	1750	1541	1635	1658	1433	1849	#
	Kharif total	1401	1482	1476	1633	1455	1512	1516	1340	1715	1697
	Summer	2132	2163	2293	2447	2451	2713	2959	3213	3165	3353
	Total	1446	1531	1534	1694	1529	1585	1616	1450	1814	1815
Punjab	Kharif	3943	3858	3868	4019	4022	4010	3828	3741	3998	3952
Rajasthan	Kharif	1485	1425	1577	2031	1807	1515	2025	1886	1771	2147
Sikkim	Kharif	1469	1433	1433	1636	1476	1869	1727	1730	1790	#
Tamil Nadu	Autumn	3881	3655	4914	4044	3850	4406	NA	5623	3893	
	Winter	2483	2338	3144	2587	2464	2820	NA	3599	2492	
	Kharif total	2637	2483	3339	2748	2617	2994	2965	3821	2646	3024
	Summer	3416	3216	4325	3559	3389	3878	3838	4950	3426	3916
	Total	2703	2546	3423	2817	2683	3070	3040	3918	2772	3100
Tripura	Autumn	1669	1705	1915	2172	2465	2189	2424	2432	2548	#
	Winter	2377	2384	2678	2687	2788	2772	2638	2647	2773	#
	Kharif total	2213	2225	2500	2609	2747	2698	2602	2611	2736	#
	Summer	2356	2372	2392	2698	2234	2409	2817	2992	3020	NA
	Total	2247	2260	2472	2633	2586	2606	2655	2700	2800	NA
Uttar Pradesh	Kharif	1789	1996	1878	2062	2171	2083	2120	2357	2459	2446
	Rabi/Summer	2231	2179	2278	2526	2091	2270	-	2458	2583	2583
	Total	1790	1996	1879	2063	2171	2084	2120	2358	2460	2447
Uttarakhand	Kharif	1839	1925	1952	1993	1907	2025	1820	2056	2152	2233
	Zaid/Rabi	3143	2889	2875	3308	3067	2813	3309	3357	3208	3308
	Total	1869	1954	1979	2052	1966	2068	1901	2121	2206	2289

West Bengal	Autumn	2036	2102	2026	2009	2069	2181	2138	2213	2297	NA
	Winter	2441	2397	2411	2350	2465	2408	2507	2565	2596	NA
	Kharif total	2411	2378	2386	2327	2439	2396	2485	2547	2581	2612
	Summer	3093	2928	3226	3259	2800	2991	3039	3174	3372	3365
	Total	2574	2509	2593	2573	2533	2547	2639	2688	2760	2786
Andaman & Nicobar Islands	Kharif	2729	2896	2896	3000	2797	3059	2851	2960	2739	#
	Kharif	1733	1743	1743	1743	1721	1076	1930	1739	1928	#
Dadra & Nagar Haveli	Kharif	2383	3200	4203	4243	4243	4252	4180	2885	2935	#
	Kharif	2353	2056	2056	1750	2111	1650	1650	1650	1712	#
Daman & Diu	Kharif	2774	2810	2810	2932	2733	2903	2875	3017	3270	#
	Autumn	2558	2195	2195	2465	2142	2272	2435	2273	2602	#
Puducherry	Winter	2628	2387	2387	2595	2310	2458	2561	2490	2792	#
	Kharif total	2719	2719	2719	2696	2860	2647	2712	2886	3075	#
	Summer	2649	2465	2465	2618	2442	2504	2596	2538	2857	#
	Total	-	-	-	-	-	-	-	-	-	-
Others	Kharif	-	-	-	-	-	-	-	-	-	2277
	Rabi	-	-	-	-	-	-	-	-	-	2507
	Total	-	-	-	-	-	-	-	-	-	2334
All India	Autumn	1327	1349	2804	2892	3107	2186	1776	1938	1674	-
	Winter	1756	1795	2000	1892	1968	1939	2338	2257	2283	-
	Kharif	2039	2199	1963	2138	2054	2053	2051	2399	2477	-
	Kharif total	1883	1990	2024	2095	2082	2019	2121	2311	2373	2326
	Summer/Rabi	3077	3127	3130	3149	3010	3055	3176	3238	3353	3273
	Total	1984	2102	2131	2202	2178	2125	2239	2393	2461	2424

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: * Fourth Advance Estimates.

Included in others.

NA Not available.

Table 4.1.6 State-wise Yield of Wheat

State/UT	2004-05	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)	(11)
Andhra Pradesh	556	818	900	889	1143	1000	1300	1375	1250	1000
Arunachal Pradesh	2023	1525	1575	1472	1576	1505	1595	1757	1498	#
Assam	1066	1074	1117	1268	1090	1087	1179	1147	1304	821
Bihar	1609	1617	1908	2058	2043	2084	1948	2206	2427	2251
Chhatisgarh	853	886	1002	1059	1040	1086	1144	1227	1396	1304
Gujarat	2482	2700	2498	3013	2377	2679	3155	3014	2875	2703
Haryana	3901	3844	4232	4158	4390	4213	4624	5030	4452	4722
Himachal Pradesh	1890	1894	1385	1376	1520	928	1530	1671	1671	1451
Jammu & Kashmir	1910	1790	1893	1782	1735	1003	1535	1689	1595	1589
Jharkhand	2381	1340	1529	1621	1541	1738	1642	1908	1944	2058
Karnataka	740	858	762	946	918	887	1094	858	796	1075
Madhya Pradesh	1735	1613	1835	1612	1723	1967	1757	2360	2596	2405
Maharashtra	1344	1393	1325	1659	1483	1610	1761	1558	1528	1460
Meghalaya	1778	1714	2000	1833	1750	1773	1791	1564	1806	#
Nagaland	1585	1583	867	1067	1500	1200	1712	1711	1801	#
Odisha	1250	1364	1487	1554	1396	1450	1458	1644	1894	1606
Punjab	4221	4179	4210	4507	4462	4307	4693	4898	4724	4848
Rajasthan	2839	2762	2751	2749	3175	3133	2910	3175	3028	3175
Sikkim	1456	1385	1385	1000	1345	1135	1023	1060	1058	#
Tripura	2545	2636	1800	1900	2000	1984	2025	2000	2000	#
Uttar Pradesh	2502	2627	2721	2817	3002	2846	3113	3113	3113	3038

Uttarakhand	2038	1633	2049	2050	2003	2139	2316	2379	2396	2425
West Bengal	2103	2109	2282	2602	2490	2680	2760	2765	2786	2802
Dadra & Nagar Haveli	1833	1833	1833	1833	1833	1500	2231	1929	2000	#
Delhi	3944	4339	4341	4354	4351	4352	4340	4349	4406	#
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	3336
All India	2602	2619	2708	2802	2907	2839	2989	3177	3117	3075

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: * Fourth Advance Estimates.

Included in others.

NA Not available.

Table 4.1.7 State-wise Yield of Bajra

State/UT	2004-05	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)	(11)
Andhra Pradesh	862	1012	770	1243	1017	1178	1507	1349	1657	1597
Bihar	1083	1070	1073	1111	1200	1108	1102	1113	1142	1139
Gujarat	1172	1169	1088	1419	1365	1232	1250	1419	1743	1869
Haryana	1316	1147	1649	1843	1769	1593	1793	2040	1910	2057
Himachal Pradesh	667	333	500	500	500	1083	500	542	555	542
Jammu & Kashmir	600	600	591	595	592	629	598	591	598	595
Jharkhand	833	500	500	0	1000	574	704	520	474	453
Karnataka	601	977	483	824	703	502	1081	972	1036	1080
Madhya Pradesh	1368	1491	1365	1402	1373	1495	1898	1924	1568	1873
Maharashtra	736	720	729	878	765	741	1085	982	637	932
Nagaland	1481	1000	NA	NA	NA	NA	857	862	#	#
Odisha	500	552	583	593	600	604	636	615	610	611
Punjab	1000	1000	1000	1000	1000	1333	1000	1000	1000	1000
Rajasthan	658	556	701	832	828	394	832	915	972	857
Tamil Nadu	1274	1158	1511	1435	1483	1512	1564	2452	1326	1782
Uttar Pradesh	1534	1434	1455	1520	1609	1638	1665	1839	1951	1744
West Bengal	NA	NA	NA	NA	0	434	375	367	429	500
Puducherry	2000	2500	2500	1000	1000	1850	2324	2667	#	#
Delhi	2435	1824	1813	1875	1933	1917	1852	1868	1875	#
Daman & Diu	NA	NA	NA	NA	2000	1667	1333	NA	#	#
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	1574
All India	859	802	886	1042	1015	731	1079	1171	1198	1164

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: * Fourth Advance Estimates.

Included in others.

NA Not available.

Table 4.1.8 State-wise Yield of Maize

State/ UT	Season	Yield (Kg/hectare)											
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Andhra Pradesh	Kharif			2453	3538	2402	4125	3147	1986	3730	2812	4145	3487
	Rabi			5428	5994	6195	5543	7302	6281	7615	6502	6174	6347
	Total			3142	4073	3396	4607	4873	3527	5317	4234	4995	4673
Arunachal Pradesh	Kharif			1455	1373	1363	1338	1365	1363	1397	1434	1423	#
	Rabi			1455	1474	1452	1410	1400	1485	1690	1736	1496	#
	Total			1455	1382	1371	1344	1371	1380	1435	1473	1436	#
Assam	Kharif			724	721	778	722	724	726	722	719	897	810
Bihar	Autumn			1571	1518	1532	956	1518	1773	1806	2358	2476	2103
	Rabi			3094	2641	3597	2766	3394	2660	2467	2404	4309	3053
	Garma			2919	2385	3249	3741	NA	NA	NA	NA	#	#
	Total			2386	2098	2678	2274	2676	2341	2230	2386	3611	2684
Chhattisgarh	Kharif			1365	1076	1225	1567	1402	1399	1807	1654	1936	2062
Goa	Kharif			4000	5000	5000	5000	6000	6000	NA	NA	#	#
Gujarat	Kharif			898	1124	698	1375	1439	964	1636	1393	1676	1303
	Rabi			NA	NA	NA	NA	1700	1593	1645	1915	1953	2016
	Total			NA	NA	NA	NA	1481	1072	1637	1523	1727	1501
Haryana	Kharif			2500	2125	2286	2643	2159	2250	1900	2667	2556	3000
Himachal Pradesh	Kharif			2272	1839	2326	2873	2273	1839	2263	2432	2233	2324
Jammu & Kashmir	Kharif			1526	1413	1505	1569	2005	1566	1712	1608	1648	1776
Jharkhand	Autumn			1500	1309	1203	1500	1346	1100	1181	1473	1790	1991
	Rabi			1400	1622	1806	1722	2123	1858	2061	1970	2689	1874
	Total			1497	1315	1230	1509	1407	1168	1215	1492	1812	1988
Karnataka	Kharif			2966	2919	2839	2893	2821	2415	3515	3022	2563	2872
	Rabi			2807	3000	2658	3231	2861	2500	2845	3084	3106	2985
	Summer			3000	2000	3125	3300	3143	2750	3323	NA	#	#
	Total			2955	2915	2829	2924	2833	2430	3450	3028	2629	2883
(Contd.)													

(Contd.)

Table 4.1.8 (Contd.)

State/UT	Season	2004-05	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)	(11)	(12)
Madhya Pradesh	Kharif	1398	1450	976	1288	1361	1256	1266	1492	1790	1506
	Kharif	1720	2134	1996	2706	2405	2275	3022	2890	2296	2596
	Rabi	1947	1976	1924	2426	2257	2455	2456	2110	1820	2346
	Total	1759	2106	1983	2664	2382	2302	2920	2762	2219	2544
Manipur	Kharif	2781	2724	2724	2800	2674	2436	1856	1768	2301	#
Meghalaya	Kharif	1420	1426	1471	1468	1503	1529	1499	1529	1554	#
Mizoram	Kharif	2132	1917	1942	69	967	1337	1502	1214	1305	#
	Rabi	1714	2222	2668	1000	1000	1667	1667	1238	1611	#
	Total	2093	1940	1963	95	969	1347	1508	1214	1314	#
Nagaland	Kharif	1800	1800	1674	1788	1800	1075	1958	1960	1961	#
Odisha	Kharif	1607	1587	1655	1976	1986	2155	2540	2046	2766	2766
	Rabi	2000	2188	2368	2241	2609	2247	2778	2496	2793	2836
	Total	1631	1602	1677	1987	2007	2157	2549	2063	2408	2769
Punjab	Kharif	2740	2723	3123	3405	3404	3417	3692	3984	3682	3900
Rajasthan	Kharif	1211	1098	1085	1860	1737	1044	1796	1583	1763	1597
	Rabi	1571	1429	1429	1667	1429	1429	NA	3434	3844	3730
	Total	1211	1098	1086	1860	1736	1044	1796	1594	1780	1621
Sikkim	Kharif	1586	1491	1491	1601	1544	1671	1648	1657	1700	#
Tamil Nadu	Kharif	1433	1170	3224	2952	3668	4301	3858	5682	3554	5681
	Rabi	1733	1215	5047	5091	5763	5431	5452	6649	2819	5125
	Total	1552	1189	3838	3627	4389	4685	4458	6042	3252	5450
Tripura	Kharif	1071	1000	960	1000	952	1006	1322	1353	1295	#
Uttar Pradesh	Kharif	1539	1284	1326	1437	1495	1456	1468	1654	1654	1654
	Rabi	3000	3341	1567	1615	1621	2800	2667	1810	2015	1942
	Total	1705	1295	1335	1443	1499	1465	1477	1662	1677	1671

Uttarakhand	Kharif	1467	1333	1333	1483	1303	1357	1503	1464	1437	1400
West Bengal	Kharif	2606	2076	2166	2095	2658	2183	2588	2270	2384	2686
	Rabi	4327	3913	4265	4690	5106	5619	4904	4497	4923	4765
	Summer	NA	NA	NA	3583	4272	4587	4716	NA	#	#
	Total	2977	2533	2968	3166	3783	3942	3977	3722	3947	4059
Andaman & Nicobar Islands	Kharif	1000	1000	2000	4500	3000	2000	2476	2125	1000	#
Delhi	Kharif	2000	1000	1000	1000	1000	0	36000	20750	#	#
Others	Kharif	NA	NA	NA	NA	NA	NA	NA	NA	NA	1781
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	2645
	Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	1824
All India	Kharif	1740	1799	1660	2122	2048	1740	2285	2234	2234	2288
	Rabi	3224	3076	3793	3854	4387	3694	4003	3765	3765	3925
	Total	1907	1938	1912	2335	2414	2024	2540	2478	2748	2583

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: * Fourth Advance Estimates.

NA Not available.

Included in others.

Table 4.1.9 State-wise Yield of Total Pulses

State/UT	2004-05	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)	(11)
Andhra Pradesh	565	772	679	803	818	740	675	637	833	929
Arunachal Pradesh	1046	1078	1078	1078	1059	1090	1055	1105	1122	#
Assam	571	537	557	558	567	560	555	573	598	576
Bihar	710	749	722	818	801	836	878	975	1052	974
Chhattisgarh	395	477	543	586	580	604	624	613	700	585
Goa	904	1045	1358	991	1030	1076	1057	836	902	#
Gujarat	675	704	593	843	777	705	812	815	867	909
Haryana	793	622	824	602	972	758	899	706	800	817
Himachal Pradesh	560	713	932	1062	758	681	1213	954	1413	1165
Jammu & Kashmir	492	504	505	508	464	456	584	508	530	497
Jharkhand	586	567	686	736	724	709	773	885	1038	1006
Karnataka	376	487	377	531	466	451	561	492	555	595
Kerala	853	775	857	857	818	991	778	747	1042	2515
Madhya Pradesh	759	754	780	609	808	871	656	803	972	938
Maharashtra	492	584	602	746	537	702	768	693	704	796
Manipur	380	523	523	497	504	497	897	942	936	#
Meghalaya	1385	750	744	825	867	872	849	896	1019	#
Mizoram	1297	1215	1160	529	900	1667	1534	1389	1061	#
Nagaland	797	1281	1200	1189	1203	1036	1058	1091	1096	#
Odisha	388	416	445	446	481	461	486	471	513	533
Punjab	801	804	850	804	908	896	910	789	823	872

Rajasthan	375	261	462	401	497	204	685	546	603	588
Sikkim	957	897	897	928	937	977	899	903	915	#
Tamil Nadu	410	337	541	303	307	382	386	552	413	495
Tripura	618	629	654	691	718	703	704	697	705	#
Uttar Pradesh	847	811	725	731	899	748	832	993	985	741
Uttarakhand	622	590	642	794	609	719	851	891	841	891
West Bengal	740	785	703	793	704	826	898	706	952	952
Andaman & Nicobar Islands	571	500	571	591	571	621	442	541	499	#
Dadra & Nagar Haveli	831	862	862	862	859	828	898	939	901	#
Delhi	1000	1000	1750	1750	2333	2000	1611	1939	2097	#
Daman & Diu	923	846	846	846	846	846	846	NA	#	#
Ponducherry	316	324	324	83	200	155	499	417	512	#
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	908
All India	577	598	612	625	659	630	691	699	789	764

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: * Fourth Advance Estimates.

Included in others.

NA Not available.

Table 4.1.10 State-wise Yield of Gram

State/UT	2004-05	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)	(11)
Andhra Pradesh	1012	1591	1085	1448	1412	1308	1233	920	1119	1449
Assam	524	500	500	500	529	517	500	509	557	#
Bihar	835	902	818	972	925	1014	1187	1295	1402	1313
Chhattisgarh	542	706	843	874	831	880	959	995	1069	771
Gujarat	803	850	870	977	1011	947	1136	1138	978	1150
Haryana	850	554	843	505	1041	738	982	911	1128	904
Himachal Pradesh	1333	538	769	933	429	523	1000	971	1021	929
Jammu & Kashmir	NA	500	NA	NA	667	500	545	583	542	529
Jharkhand	NA	NA	NA	NA	NA	914	1052	1067	1174	1089
Karnataka	536	548	473	925	552	591	658	583	643	1158
Madhya Pradesh	928	926	980	607	981	1071	863	1081	1219	1096
Maharashtra	561	691	706	711	677	863	904	775	763	891
Meghalaya	600	600	600	825	600	620	500	625	611	#
Nagaland	1000	1000	1250	600	667	667	714	720	842	#
Odisha	607	646	652	1500	662	748	780	765	774	768
Punjab	863	750	1000	659	1172	1133	1286	1000	1400	1250
Rajasthan	747	443	863	1000	779	605	898	740	1019	852
Tamil Nadu	657	678	644	466	638	614	671	643	645	652
Tripura	500	500	1000	676	667	667	667	733	774	#
Uttar Pradesh	910	893	742	1000	1014	824	930	1185	1119	824
Uttarakhand	667	1000	1000	745	0	1000	785	1000	830	1000

West Bengal	1024	913	769	1000	1037	1108	1072	1049	1175	1183
Dadra & Nagar Haveli	500	500	500	984	500	798	1000	1000	#	#
Delhi	NA	1000	NA	500	NA	NA	NA	7000	#	#
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	820
All India	815	808	845	762	895	915	895	928	1036	967

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: * Fourth Advance Estimates.

Included in others.

NA Not available.

Table 4.1.11 State-wise Yield of Tur

State/UT	2004-05	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)	(11)
Andhra Pradesh	456	609	401	652	456	438	415	303	524	543
Arunachal Pradesh	800	1000	1000	1000	1000	833	833	879	968	#
Assam	716	692	714	667	704	709	718	714	829	833
Bihar	1235	1291	989	1012	1178	1514	1404	1514	2131	1899
Chhattisgarh	511	445	426	522	583	510	440	433	620	613
Gujarat	928	1102	751	1109	989	906	986	1053	1184	1138
Haryana	1032	1067	1100	1138	1091	1045	1080	1111	1086	1111
Himachal Pradesh	333	NA	NA	NA	NA	NA	NA	417	364	450
Jharkhand	544	633	645	800	616	871	686	904	1034	1064
Karnataka	516	727	470	712	528	467	594	462	555	733
Kerala	NA	NA	NA	670	NA	NA	NA	1693	1588	1800
Madhya Pradesh	785	739	683	922	804	851	337	625	662	955
Maharashtra	613	720	726	750	600	841	750	706	819	881
Meghalaya	750	750	750	1000	750	784	750	759	1152	#
Mizoram	1000	1000	1000	1189	NA	NA	NA	NA	NA	#
Nagaland	938	950	1200	825	938	703	840	853	899	#
Odisha	683	742	803	900	860	841	916	812	912	896
Punjab	865	885	931	876	966	957	929	1000	903	897
Rajasthan	746	647	503	701	772	381	761	666	879	650
Tamil Nadu	625	540	732	750	608	765	662	870	785	874
Tripura	667	692	750	891	700	725	750	747	749	#

Uttar Pradesh	982	987	749	667	914	662	898	1044	1045	900
Uttarakhand	NA	1000	500	818	667	1000	706	1000	799	1000
West Bengal	733	889	700	-	833	728	1423	432	1434	1500
Dadra & Nagar Haveli	813	867	867	867	867	800	801	801	800	#
Delhi	667	1000	1500	1500	2000	1838	1750	1727	1724	#
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	909
All India	667	765	650	826	671	711	655	662	776	848

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: * Fourth Advance Estimates.

Included in others.

NA Not available.

Table 4.1.12 State-wise Yield of Total Oilseeds

State	Yield (Kg/hectare)										
	2004-05	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)	(11)	
Andhra Pradesh	757	698	609	1276	842	724	861	650	849	934	
Arunachal Pradesh	1042	838	838	962	963	928	921	1015	909	#	
Assam	529	465	495	523	542	526	576	557	610	571	
Bihar	887	982	1031	979	999	1042	1048	1046	1120	1114	
Chhattisgarh	426	419	503	532	507	607	686	550	723	640	
Goa	1588	2394	1769	1892	2158	2793	2862	2500	2409	#	
Gujarat	990	1544	908	1618	1345	1109	1692	1608	1103	2222	
Haryana	1176	1124	1344	1214	1723	1645	1855	1394	1712	1630	
Himachal Pradesh	632	344	477	442	365	271	514	579	514	568	
Jammu & Kashmir	1125	429	610	846	760	763	821	826	789	788	
Jharkhand	241	311	422	553	560	563	625	680	787	715	
Karnataka	587	600	478	681	556	502	782	665	647	853	
Kerala	792	667	889	706	696	632	1032	1230	1045	1114	
Madhya Pradesh	833	1009	955	1015	1075	1129	1143	1073	1231	850	
Maharashtra	817	925	963	1274	857	725	1394	1223	1337	1177	
Manipur	444	7000	7000	NA	778	778	774	788	729	#	
Meghalaya	663	684	673	670	676	701	704	766	695	#	
Mizoram	767	1125	927	229	781	1071	1203	967	1078	#	
Nagaland	1165	926	901	896	1142	835	1040	1043	1047	#	
Odisha	568	565	550	608	604	589	619	661	700	727	
Punjab	1098	1097	1111	1288	1276	1354	1336	1360	1350	1372	

Rajasthan	1079	1134	1146	1051	1114	1066	1203	1243	1296	1150
Sikkim	768	727	727	872	763	959	832	841	863	#
Tamil Nadu	1483	1624	1829	1739	1782	1898	2077	2479	2103	2383
Tripura	722	709	705	675	714	720	722	751	506	#
Uttar Pradesh	861	993	837	856	865	753	832	828	898	842
Uttarakhand	927	857	750	967	1000	1138	1012	1082	1236	1125
West Bengal	964	952	918	997	828	1065	1047	994	1162	1186
Dadra & Nagar Havelli	1000	1000	1000	1000	NA	800	750	704	604	#
Delhi	1220	763	1500	871	154	1256	1300	1251	1265	#
Puducherry	1941	1778	1778	1778	2000	1833	1684	1231	1840	#
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	921
All India	885	1004	916	1115	1006	958	1193	1133	1168	1153

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: * Fourth Advance Estimates.

Included in others.

NA: Not available.

Table 4.1.13 State-wise Yield of Kharif Oilseeds

State	Yield (Kg/hectare)										
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh		688	570	397	1204	705	425	700	440	657	774
Arunachal Pradesh		1156	878	878	1042	1160	978	1091	1204	932	#
Assam		543	533	571	522	537	533	537	539	628	650
Bihar		899	951	932	943	939	1129	1009	1063	1092	1075
Chhattisgarh		542	521	623	615	572	710	824	608	836	686
Goa		750	1333	2000	2000	1500	2000	2800	2833	2540	#
Gujarat		910	1543	779	1610	1351	1049	1699	1607	1013	2312
Haryana		518	804	844	1079	762	648	691	750	1467	903
Himachal Pradesh		500	511	489	581	610	243	536	559	559	591
Jammu & Kashmir		426	462	429	419	426	439	441	440	436	442
Jharkhand		231	287	220	597	707	611	600	861	905	989
Karnataka		612	569	439	682	548	469	783	661	635	850
Kerala		792	667	889	706	696	632	1037	1250	1044	1114
Madhya Pradesh		824	1020	962	1037	1096	1150	1159	1080	1250	825
Maharashtra		859	981	1031	1368	878	730	1490	1266	1379	1202
Manipur		500	6000	6000	444	1000	1000	754	866	169	#
Meghalaya		692	731	692	704	665	763	780	1004	764	#
Mizoram		765	1222	972	206	815	1125	1268	971	1142	#
Nagaland		1523	1106	1099	1041	1337	968	1156	1160	1158	#
Odisha		390	403	423	443	461	443	481	450	511	512
Punjab		535	463	504	478	482	582	785	714	691	704

Rajasthan	1083	972	1050	1224	925	798	1235	1306	1228	1018
Sikkim	846	825	825	889	846	1025	881	897	935	#
Tamil Nadu	1045	1340	1251	1263	1454	1482	1643	1929	1677	1712
Tripura	609	583	600	591	647	638	672	620	108	#
Uttar Pradesh	506	555	349	284	321	240	380	415	392	347
Uttarakhand	1125	1059	1000	1250	1333	1500	1240	1297	1663	1333
West Bengal	832	837	922	908	661	821	914	914	955	958
Dadra & Nagar Haveli	1000	1000	1000	1000	NA	800	750	704	604	#
Puducherry	1941	1778	1778	1778	2000	1833	1684	1231	1840	#
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	831
All India	820	965	836	1154	961	875	1203	1123	1135	1123

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: * Fourth Advance Estimates.

Included in others.

NA Not available.

Table 4.1.14 State-wise Yield of Rabi Oilseeds

State	Yield (Kg/hectare)									
	2004-05	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)	(11)
Andhra Pradesh	1027	1193	1235	1508	1286	1517	1477	1440	1536	1618
Arunachal Pradesh	1019	829	829	945	919	919	893	985	905	#
Assam	528	458	488	523	542	525	579	559	609	565
Bihar	886	984	1037	982	1003	1037	1050	1045	1121	1116
Chhattisgarh	287	284	319	350	326	371	345	407	425	507
Goa	1700	2500	1727	1875	2281	3000	2875	2458	2382	#
Gujarat	1582	1552	1544	1662	1314	1617	1645	1612	1764	1598
Haryana	1181	1128	1351	1216	1735	1655	1868	1404	1721	1640
Himachal Pradesh	667	274	471	385	260	282	505	585	500	562
Jammu & Kashmir	1171	405	630	893	790	788	850	854	817	817
Jharkhand	250	333	461	539	517	553	635	653	766	677
Karnataka	541	655	543	677	571	565	778	676	665	858
Kerala	-	-	-	-	-	-	-	909	1111	#
Madhya Pradesh	890	955	912	833	936	990	1031	1024	1092	1043
Maharashtra	632	677	662	739	691	683	705	720	634	758
Manipur	400	NA	NA	NA	500	500	779	764	850	#
Meghalaya	653	667	667	658	678	678	677	678	669	#
Mizoram	773	833	600	1000	600	750	750	944	690	#
Nagaland	778	756	729	760	959	784	942	946	953	#
Odisha	951	925	838	915	873	874	901	1006	950	1018
Punjab	1204	1236	1260	1478	1456	1500	1432	1465	1451	1455

Rajasthan	1078	1205	1185	946	1234	1277	1188	1190	1345	1243
Sikkim	717	661	661	860	707	914	792	801	799	#
Tamil Nadu	2606	2073	3466	2835	2539	2993	3228	3645	3040	3454
Tripura	806	806	842	778	778	806	774	864	874	#
Uttar Pradesh	940	1105	1024	1064	1076	1090	1123	1107	1228	1139
Uttarakhand	647	667	563	643	714	800	803	867	921	857
West Bengal	1004	988	916	1035	899	1161	1100	1025	1249	1281
Delhi	1220	763	1500	871	154	1256	1300	1251	1265	#
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	963
All India	993	1068	1055	1034	1097	1146	1174	1155	1244	1221

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: * Fourth Advance Estimates.

Included in others.

NA Not available.

Table 4.1.15 State-wise Yield of Groundnut

State (1)	Season (2)	Yield (Kg/hectare)										
		2004-05 (3)	2005-06 (4)	2006-07 (5)	2007-08 (6)	2008-09 (7)	2009-10 (8)	2010-11 (9)	2011-12 (10)	2012-13 (11)	2013-14* (12)	
Andhra Pradesh	Kharif	778	565	301	1357	694	385	659	361	533	644	
	Rabi	1657	1739	1806	1925	1928	2128	2073	1848	1927	1867	
	Total	890	728	557	1451	880	773	899	646	829	890	
Bihar	Kharif	600	556	556	500	529	1750	1000	1025	1025	1030	
Chhattisgarh	Kharif	1110	1078	1142	1256	1352	1353	1462	1320	1379	1457	
Goa	Kharif	750	1333	2000	2000	1500	2102	2800	2833	2540	#	
	Rabi	1700	2500	1727	1875	2281	2981	2875	2458	2382	#	
	Total	1588	2394	1769	1892	2158	2778	2862	2500	2409	#	
Gujarat	Kharif	891	1707	725	1781	1368	929	1868	1563	498	2716	
	Rabi	2391	2225	2000	1724	1830	1908	1801	1914	2288	1809	
	Total	943	1734	809	1777	1395	964	1864	1612	590	2670	
Haryana	Kharif	750	733	840	813	750	1000	1000	967	1143	1000	
Himachal Pradesh	Kharif	NA	NA	NA	NA	1000	670	742	917	909	1000	
Jharkhand	Kharif	NA	NA	NA	NA	836	756	914	1196	1170	1229	
Karnataka	Kharif	737	590	434	784	545	565	853	650	560	859	
	Rabi	917	924	760	906	788	804	952	917	913	1000	
Kerala	Total	766	645	497	807	589	626	875	716	671	907	
	Kharif	944	727	1000	759	765	763	1267	1318	1274	1239	
Madhya Pradesh	Kharif	1158	1126	948	940	1140	1158	1496	1618	1515	990	
Maharashtra	Kharif	1035	831	743	1112	1016	1015	1258	1080	992	1163	
	Rabi	1430	1429	1355	1413	1516	1557	1390	1446	1531	1366	
	Total	1123	958	889	1168	1116	1118	1289	1158	1056	1217	
Nagaland	Kharif	1273	1000	1000	1100	1000	786	1000	1013	1012	#	

Odisha	Kharif	879	835	904	982	980	968	977	830	1070	1112
	Rabi	1453	1414	1292	1376	1279	1334	1362	1486	1345	1586
	Total	1233	1171	1113	1219	1156	1169	1176	1189	1231	1375
Punjab	Kharif	837	882	864	871	926	1240	1773	1500	1765	1846
Rajasthan	Kharif	1552	1549	1310	1728	1670	1087	1963	1926	1549	1950
Tamil Nadu	Kharif	1159	1526	1329	1417	1674	1728	1881	2202	1890	2202
	Rabi	2678	2103	3729	3078	2622	3104	3331	3751	3149	3545
	Total	1632	1775	1981	1957	1989	2155	2323	2751	2315	2812
Tripura	Kharif	1000	1000	1000	1000	1000	1081	1333	1091	1091	#
	Rabi	1000	667	1000	1000	1000	1040	1000	1297	1315	#
	Total	1000	889	1000	1000	1000	1095	1167	1220	1229	#
Uttar Pradesh	Kharif	816	851	730	598	705	670	988	1000	1000	896
Uttarakhand	Kharif	1000	1000	2000	1000	2000	2000	1091	1000	1163	1000
West Bengal	Kharif	938	933	1000	909	958	916	857	864	1000	1143
	Rabi	1644	1727	1744	1968	1763	1742	1690	1969		2640
	Total	1620	1703	1713	1918	1735	1715	1661	1939	2526	2573
Puducherry	Kharif	2000	1938	1938	1875	2286	2103	1962	1406	2112	#
Others	Kharif	NA	NA	NA	NA	NA	NA	NA	NA	NA	3271
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	4307
	Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	3865
All India	Kharif	909	1097	689	1386	1063	835	1335	1188	811	1712
	Rabi	1771	1702	1880	1857	1764	1830	1846	1938	1908	1929
	Total	1020	1187	866	1459	1163	991	1411	1323	994	1750

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: * Fourth Advance Estimates.

Included in others.

NA: Not available.

Table 4.1.16 State-wise Yield of Rapeseed & Mustard

State	Yield (Kg/hectare)										
	2004-05	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)	(11)	
Andhra Pradesh	250	333	600	500	667	500	520	667	500	800	
Arunachal Pradesh	1019	829	829	945	919	919	893	985	905	#	
Assam	528	456	487	523	543	525	581	560	610	565	
Bihar	805	926	1029	947	959	1008	1028	1029	1132	1132	
Chhattisgarh	375	330	399	402	379	419	407	436	514	557	
Gujarat	1390	1349	1396	1635	1136	1579	1565	1572	1695	1582	
Haryana	1177	1117	1343	1198	1738	1655	1869	1396	1721	1639	
Himachal Pradesh	667	292	506	409	270	287	532	619	520	591	
Jammu & Kashmir	1175	406	649	892	791	788	851	851	817	818	
Jharkhand	NA	NA	NA	NA	541	578	653	670	783	690	
Karnataka	333	400	250	250	400	400	500	250	500	500	
Madhya Pradesh	988	1047	999	927	1034	1074	1148	1108	1172	1108	
Maharashtra	333	308	357	444	333	333	375	308	222	400	
Manipur	400	NA	NA	NA	500	500	779	764	839	#	
Meghalaya	653	667	667	658	681	680	681	680	672	#	
Mizoram	773	833	600	1000	600	750	750	944	690	#	
Nagaland	779	800	753	782	1000	800	1000	1005	1009	#	
Odisha	188	190	171	201	182	211	208	212	275	269	
Punjab	1033	1102	1122	1179	1222	1300	1323	1276	1281	1333	
Rajasthan	1078	1205	1185	946	1234	1276	1188	1189	1346	1243	
Sikkim	717	661	661	860	707	914	792	801	799	#	

Tamil Nadu	167	200	333	333	333	333	333	333	229	230	250
Tripura	793	821	824	733	750	767	750	789	799	#	
Uttar Pradesh	979	1149	1057	1157	1123	1113	1187	1136	1263	1162	
Uttarakhand	647	667	563	643	714	800	803	867	933	857	
West Bengal	934	909	803	888	764	1080	1021	908	1062	1077	
Delhi	1220	763	1500	871	154	1256	1300	1251	1265	#	
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	856	
All India	1038	1117	1095	1001	1143	1183	1185	1121	1262	1188	

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: * Fourth Advance Estimates.

Included in others.

NA: Not available.

Table 4.1.17 State-wise Yield of Linseed

State	2004-05	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)	(11)
Andhra Pradesh	250	250	333	0	0	0	0	0	0	0
Assam	516	500	500	500	514	517	521	520	568	571
Bihar	841	895	850	845	846	846	889	865	867	850
Chhattisgarh	221	248	250	307	272	300	260	372	285	420
Himachal Pradesh	667	100	267	250	143	225	273	286	327	274
Jammu & Kashmir	500	400	426	1000	500	578	798	1157	582	565
Jharkhand	250	333	389	389	454	427	516	531	645	579
Karnataka	214	308	333	357	357	333	364	222	333	333
Madhya Pradesh	393	412	411	314	382	436	338	474	523	523
Maharashtra	220	277	235	279	211	250	256	258	296	258
Nagaland	767	600	648	667	769	689	807	807	807	
Odisha	379	420	422	438	441	451	459	471	482	478
Punjab	667	500	500	1000	1000	500	NA	NA	NA	NA
Rajasthan	767	833	833	857	1432	2006	1235	1066	962	1009
Uttar Pradesh	420	414	373	251	450	441	453	452	433	462
West Bengal	400	284	240	271	239	295	341	359	349	200
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	795
All India	378	395	385	349	415	449	408	473	502	498

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: * Fourth Advance Estimates.

Included in others.

NA: Not available.

Table 4.1.18 State-wise Yield of Safflower

State	2004-05	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)	(11)
Andhra Pradesh	421	471	643	750	462	429	692	700	825	625
Bihar	1000	1000	500	1000	1000	769	857	821	800	824
Chhattisgarh	231	273	286	222	200	333	333	286	200	333
Gujarat	NA	NA	NA	NA	1000	857	NA	583	588	600
Jharkhand	NA	NA	NA	NA	478	335	401	401	500	465
Karnataka	468	741	753	814	795	735	836	636	625	822
Madhya Pradesh	167	300	333	250	250	286	250	NA	NA	NA
Maharashtra	476	605	606	667	565	580	543	545	552	570
Odisha	500	615	583	615	583	581	600	581	612	602
West Bengal	NA	NA	NA	NA	NA	915	838	858	1000	1000
All India	470	627	637	701	642	621	617	580	591	641

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: * Fourth Advance Estimates.

NA Not available.

Table 4.1.19 State-wise Yield of Sunflower

State (1)	Season (2)	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14*
		(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Andhra Pradesh	Kharif	552	351	406	629	640	380	738	588	789	800
	Rabi/Summer	634	805	871	1174	815	911	683	809	724	900
	Total	609	671	738	1026	778	771	693	785	732	880
Bihar	Kharif	NA	NA	1233	1200	1200	1278	1280	1345	1348	1245
	Rabi/Summer	1457	1374	1347	1365	1429	1431	1471	1450	1454	1452
	Total	1401	1345	1332	1335	1388	1404	1441	1439	1441	1408
Chhattisgarh	Kharif	545	366	600	600	563	429	257	556	300	500
Haryana	Summer	1657	1667	1667	1583	1650	1667	1800	1800	1733	1714
Jharkhand	Kharif	NA	NA	NA	NA	667	459	NA	457	825	649
	Rabi/Summer	NA	NA	NA	NA	684	743	663	678	800	640
	Total	NA	NA	NA	NA	682	642	663	653	814	642
Karnataka	Kharif	470	504	365	547	505	342	603	518	507	587
	Rabi/Summer	472	593	472	595	488	422	637	505	528	737
	Total	471	552	420	571	496	383	621	512	520	670
Madhya Pradesh	Kharif	500	333	333	500	500	500	500	NA	NA	NA
	Summer	571	583	571	500	667	500	NA	NA	NA	NA
	Total	550	533	500	500	600	500	500	NA	NA	NA
Maharashtra	Kharif	478	532	529	580	523	419	507	548	400	583
	Rabi	537	593	545	739	626	567	636	611	465	649
	Summer	810	733	NA	778	833	750	800	NA	NA	NA
	Total	525	580	548	680	587	521	601	583	436	623

Nagaland	Kharif	600	800	750	1000	667	600	1000	818	808	#
	Summer	1000	1000	800	1100	NA	944	526	524	609	#
	Total	714	875	786	1050	667	882	571	554	632	#
Odisha	Kharif	NA	NA	667	750	667	769	750	705	700	#
	Rabi/Summer	857	830	949	995	930	908	1054	1190	1196	714
	Total	857	821	932	984	919	902	1049	1181	1188	1200
Punjab	Summer	1826	1612	1641	1900	1750	1787	1664	1857	1881	1193
Rajasthan	Rabi/Summer	NA	1000	1000	NA	NA	NA	NA	NA	NA	#
Tamil Nadu	Kharif	1069	1304	2710	2123	1017	1391	1214	1833	1343	1649
	Rabi	1050	1165	1284	1197	1606	1286	1113	1787	1366	1468
	Total	1060	1240	1828	1590	1329	1334	1151	1809	1357	1507
Uttar Pradesh	Rabi/Summer	2049	1278	1500	1615	1889	2286	2250	1500	1500	1885
West Bengal	Summer	1500	1256	1292	1231	1089	1206	1123	1203	1250	1429
Others	Kharif	NA	NA	NA	NA	NA	NA	NA	NA	NA	723
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	1068
	Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	994
All India	Kharif	494	496	425	607	540	378	608	566	622	620
	Rabi	587	692	661	870	696	700	748	783	674	887
	Total	549	615	567	765	639	576	701	706	655	791

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: * Fourth Advance Estimates.

NA Not available.

Included in others.

Table 4.1.20 State-wise Yield of Soya Bean

State	Yield (Kg/hectare)										
	2004-05	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)	(11)	
Andhra Pradesh	1567	1949	1515	1966	1366	827	1703	1615	1818	1608	
Arunachal Pradesh	1344	947	947	1167	1433	1183	1346	1487	1518	NA	
Chhattisgarh	1018	900	997	1149	987	956	1170	753	1205	877	
Gujarat	556	853	510	382	699	805	810	786	1000	733	
Himachal Pradesh	1000	1333	667	1833	1714	850	1333	1587	1429	1677	
Jharkhand	NA	NA	NA	NA	333	329	200	329	1194	891	
Karnataka	604	534	718	858	679	446	875	901	1047	1129	
Kerala	NA	NA	NA	NA	NA	NA	NA	NA	NA	1333	
Madhya Pradesh	835	1058	1006	1091	1142	1198	1200	1108	1293	842	
Maharashtra	900	1077	1147	1492	900	728	1582	1319	1451	1222	
Manipur	NA	NA	NA	NA	NA	NA	NA	1063	109	#	
Meghalaya	900	1000	1000	909	1091	1109	1091	1694	1099	#	
Mizoram	1067	1929	1000	235	1100	1603	1929	1254	1411	#	
Nagaland	1600	1199	1200	1148	1498	1032	1246	1253	1252	#	
Rajasthan	1425	1150	1203	1343	971	1175	1461	1544	1412	829	
Sikkim	846	825	825	889	846	1025	881	897	935	#	
Uttar Pradesh	441	769	875	667	818	1143	1273	1222	1357	577	
Uttarakhand	1278	1154	1111	1462	1556	1636	1480	1500	1985	1467	
West Bengal	600	500	600	600	600	603	567	1226	833	917	
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	766	
All India	908	1073	1063	1235	1041	1024	1327	1208	1353	983	

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: * Fourth Advance Estimates. NA Not available. # Included in others.

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

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

State/UT	Season	2002-03	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)
Andhra Pradesh	Kharif	-	-	-	-	-	2554	-	2061	2920
	Rabi	-	-	-	-	-	1270	-	1377	1829
Assam	Autumn	-	-	-	-	-	-	-	-	-
	Winter	-	-	-	-	-	-	-	-	-
Bihar	Summer	-	-	-	-	-	-	-	-	-
	Bhadai	144	-	-	-	-	-	-	-	-
Chhattisgarh	Aghani	1583	1556	1411	1525	1636	1732	1694	1446	-
	Garma	119	88	80	76	87	92	85	74	-
Goa	Kharif	981	736	732	812	882	907	950	822	822
	Rabi	31	35	35	35	36	34	34	31	31
Gujarat	Kharif	16	17	17	17	17	18	16	16	16
	Summer	374	458	518	515	-	604	640	580	620
Haryana	Kharif	9	22	10	20	26	24	24	18	64
	Summer	-	690	741	784	798	824	842	505	465
Himachal Pradesh		-	-	-	-	-	-	-	-	-
Jammu & Kashmir		121	141	162	127	127	127	127	127	127
Jharkhand	Aghani	-	-	-	-	-	-	-	-	-
Karnataka	Kharif	805	743	877	906	906	883	956	925	962
	Rabi	44	50	41	42	41	38	39	34	38
Kerala	Summer	72	74	209	363	284	324	1	336	344
	Autumn	98	93	98	91	76	73	75	74	69
	Winter	112	110	116	111	112	84	84	90	78
	Summer	40	36	35	22	35	45	49	49	51

Madhya Pradesh		124	123	136	176	169	155	1459	1374	208
Maharashtra	Kharif	1282	1312	1342	1331	1459	1534	1453	2025	1370
	Summer	-	-	-	-	-	-	-	-	-
Meghalaya	Autumn	-	-	-	-	-	-	-	7	-
	Winter	-	-	-	-	-	-	-	-	-
Odisha	Autumn	404	450	434	436	439	451	465	475	475
	Winter	2086	2185	2276	2341	2409	2488	2635	2712	2640
	Summer	178	253	293	325	315	333	331	265	293
Punjab		-	-	2549	2639	2621	2610	2734	2802	66
Rajasthan		59	90	91	94	87	105	91	33	-
Tamil Nadu [#]	K/K/S	-	-	-	-	-	279	-	-	-
	S/T/P	-	-	-	-	-	-	-	-	-
	N/K	-	-	-	-	-	-	-	-	-
Uttar Pradesh		-	-	-	-	-	-	-	-	-
West Bengal	Aus.	-	-	-	-	-	-	-	-	-
	Aman	-	-	-	-	-	-	-	-	-
	Summer	-	-	-	-	-	-	-	-	-
Dadra & Nagar Haveli		6	9	9	5	9	12	9	9	12
Delhi		6	7	9	8	8	8	8	8	-
Daman & Diu		1	1	1	1	1	1	-	1	1
Puducherry	I-Kharif	5	6	6	5	5	4	4	4	4
	II-Rabi-I	13	12	13	12	12	5	5	11	11
	III-Rabi-II	6	6	6	5	5	5	5	5	5
	(Summer)									

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

Notes: (-) = Not available with State Agricultural Statistics Authority (SASA).

* I-Kharif, II- Rabi-I, III-Rabi-II (summer).

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

State/UT	Season	2002-03	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)
Andhra Pradesh	Kharif	-	-	-	-	-	2	12	0	0
	Rabi	-	-	-	-	-	26	5	170	170
Chhattisgarh		-	-	-	-	-	-	-	-	-
Gujarat	Kharif	41	55	31	50	-	40	52	49	49
	Summer	4	38	18	29	15	-	15	0	0
	Rabi						12	12	17	17
Karnataka	Kharif	245	189	304	262	341	254	203	195	195
	Rabi	856	848	830	800	775	819	896	842	842
	Summer	-	-	16	-	-	6	5	3	3
Madhya Pradesh		-	-	-	-	-	-	-	-	-
Maharashtra	Kharif	1677	1570	1518	-	1378	1253	847	976	976
	Rabi	-	-	-	-	-	-	-	-	-
Rajasthan		117	292	174	218	171	51	-	57	57
Tamil Nadu		-	-	-	-	-	-	-	-	-
Uttar Pradesh		-	-	-	-	-	-	-	-	-

Source: Consolidated Results of Crop Estimation Survey on Principal Crops, NSSO.

Note: (-) = Not available with State Agricultural Statistics Authority (SASA).

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

State/UT	Season	2002-03	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)
Andhra Pradesh		-	-	-	-	-	-	17	25	51
Gujarat	Kharif	784	-	750	764	-	713	513	483	482
	Summer	137	163	135	150	166	179	159	162	354
Haryana		-	560	480	545	536	576	561	426	590
Karnataka	Kharif	286	279	426	415	361	413	258	290	301
Madhya Pradesh		-	-	-	-	-	-	-	-	-
Maharashtra		1377	1214	1423	1434	1411	1283	859	918	970
Punjab		-	-	-	2248	2494	-	-	-	-
Rajasthan		2461	2935	2194	-	-	2145	1755	2135	-
Tamil Nadu		-	-	-	-	-	-	-	-	-
Uttar Pradesh		-	-	-	-	-	-	-	-	-
Delhi		2	2	2	2	2	2	2	2	-
Daman & Diu		-	-	-	-	-	-	-	-	-

Source: Consolidated Results of Crop Estimation Survey on Principal Crops, NSSO.

Note: (-) = Not available with State Agricultural Statistics Authority (SASA).

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

State/UT	Season	2002-03	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)
Andhra Pradesh	Kharif	-	-	-	-	-	105	457	503	435
	Rabi	-	-	-	-	-	-	272	386	281
Bihar	Bhadai	104	105	105	119	108	109	107	75	-
	Rabi	188	-	-	-	-	-	-	-	-
Chhattisgarh	Garma	-	103	111	121	131	138	-	148	-
		-	-	-	-	-	-	-	-	-
Gujarat		222	249	320	305	-	307	307	330	291
Haryana		-	8	10	8	6	6	6	5	5
Himachal Pradesh		-	-	-	-	-	-	-	-	-
Jammu & Kashmir		90	71	47	40	40	40	40	40	40
Karnataka	Kharif	574	544	779	839	864	1013	928	1055	1099
	Rabi	50	47	55	80	78	75	103	103	107
Madhya Pradesh	Summer	-	-	9	-	16	20	28	28	24
		-	-	-	-	-	-	-	-	-
Maharashtra	Kharif	-	-	-	-	-	-	-	-	-
	Rabi	-	-	-	-	-	-	-	-	-
Odisha	Autumn	14	26	31	35	35	45	49	66	99
	Winter	0.07	0.62	2	6	6	6	0.3	0.2	1.1
Punjab	Summer	1.00	2.00	2	2	2	3	2	2	4
		-	-	100	104	115	103	110	49	-

Rajasthan	Kharif	428	498	444	544	590	667	442	352	-
	Rabi	-	-	-	-	-	-	-	-	-
Tamil Nadu							213	286	231	-
Uttar Pradesh		-	-	-	-	-	-	-	-	-
West Bengal		-	-	-	-	-	-	-	-	-

Source: Consolidated Results of Crop Estimation Survey on Principal Crops, NSSO.

Note: (-) = Not available with State Agricultural Statistics Authority (SASA).

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

State/UT	Season	2002-03	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)
Assam		-	-	-	-	-	-	-	-	-
Bihar		1582	1470	1473	1479	1564	1608	1620	1604	-
Chhattisgarh		62	67	41	41	40	42	47	56	-
Gujarat		390	731	641	744	1023	1222	1037	854	1544
Haryana		-	2290	2288	2290	2345	2390	2383	2357	-
Himachal Pradesh		-	-	-	-	-	-	-	-	-
Jammu & Kashmir		110	143	140	131	131	131	131	131	131
Jharkhand		-	-	-	-	-	-	-	-	-
Karnataka		123	101	120	147	182	177	175	196	173
Madhya Pradesh		1603	2269	2405	1965	2425	2457	2404	2765	2936
Maharashtra		710	622	724	924	1231	1253	1015	1012	1258
Odisha	Summer	4	5	4	3	4	5	5	5	3
Punjab		-	-	3482	3468	3467	3488	3526	3522	-
Rajasthan		1450	1528	1350	1796	2320	2199	1766	1658	-
Uttar Pradesh		-	-	-	-	-	-	-	-	-
West Bengal		-	-	-	-	-	-	-	-	-
Delhi		20	19	13	8	13	13	13	13	-

Source: Consolidated Results of Crop Estimation Survey on Principal Crops, NSSO.

Note: (-) = Not available with State Agricultural Statistics Authority (SASA).

Table 4.2.6 (Contd.)

State/UT	Season	2002-03	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)
Kerala	Autumn	1441	1549	1426	1622	1626	1477	1474	1494	1460
	Winter	1784	1729	1873	1905	1740	1781	1715	1722	1657
	Summer	1628	1391	1417	1607	1702	1711	1689	1571	1729
Madhya Pradesh		585	987	724	952	783	767	1428	1436	1046
Maharashtra	Kharif	369	1069	1191	1049	1552	639	1220	1267	1125
	Summer	-	-	-	-	-	-	-	-	2228
Meghalaya	Autumn	-	1285	1277	1380	1369	1235	1285	1279	1478
	Winter	-	1487	1378	1479	1870	1296	1452	1398	1548
Odisha	Autumn	326	765	677	670	815	1360	851	692	621
	Winter	608	1276	1249	1239	1165	1915	1077	1185	1090
	Summer	-	-	-	-	-	-	-	-	-
Punjab		3121	3396	3537	1799	-	-	-	-	-
Rajasthan		324	1140	1130	1328	1501	2163	4432	1567	3051
Tamil Nadu [#]	K/K/S	-	3333	-	-	-	-	3643	-	5271
	S/T/P	2626	2552	1738	2645	1634	593	1746	1571	1698
	N/K	2557	3082	1613	2714	-	3250	3550	-	-
Uttar Pradesh		-	-	-	-	-	-	-	-	-
West Bengal	Aus.	1401	1525	1395	1403	1240	1333	1865	1066	1334
	Aman	1621	1744	1746	1662	1701	1409	2542	1781	1982
	Summer	2338	2526	2733	2919	2115	1869	3428	2095	2913

Dadra & Nagar Haveli	2627	1572	1576	2353	1814	1817	2724	1816	2649
Delhi	-	-	-	-	-	-	-	-	-
Daman & Diu	1491	1843	1715	1490	1765	1750	1750	1036	1183
Puducherry	-	-	-	-	-	-	-	-	-
I-Kharif	-	-	-	-	-	-	-	-	-
II-Rabi-I	-	-	-	-	-	-	-	-	-
III-Rabi-II	-	-	-	-	-	-	-	-	-

Source: Consolidated Results of Crop Estimation Survey on Principal Crops, NSSO.

Notes: (-) = Not available with State Agricultural Statistics Authority (SASA).

K/K/S - Kar/Kuruwai/Sornaveri (Early Kharif), S/T/P - Samba/Thalady/Pishanam (Late Kharif), N/K - Navarai/Kodai (Rabi)

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

Table 4.2.7 Yield of Local Varieties of Jowar in Major States

State/UT	Season	2002-03	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)
Andhra Pradesh	Kharif	-	-	-	-	-	1241	1145	906	1005
	Rabi	-	-	-	-	-	1153	1505	-	-
Chhattisgarh		740	1001	667	792	873	1021	1123	897	897
Gujarat	Kharif	585	828	1242	1200	-	1327	1021	956	933
	Rabi	-	-	-	-	-	895	876	1052	1033
Karnataka	Summer	657	835	932	824	745	-	-	-	-
	Kharif	453	332	537	524	586	889	724	529	969
	Rabi	442	136	610	647	551	885	924	774	1241
	Summer	-	-	-	-	-	-	-	-	-
Madhya Pradesh		760	1197	953	945	898	908	1092	1074	1164
Maharashtra	Kharif	536	892	740	-	576	341	875	581	1082
	Rabi	-	-	-	-	-	-	-	-	687
Rajasthan		86	671	412	271	513	604	-	138	-
Tamil Nadu		704	587	715	685	1123	894	674	667	834
Uttar Pradesh		-	-	-	-	-	-	-	-	-

Source: Consolidated Results of Crop Estimation Survey on Principal Crops, NSSO.

Note: (-) = Not available with State Agricultural Statistics Authority (SASA).

Table 4.2.8 Yield of Local Varieties of Bajra in Major States

State/UT	Season	2002-03	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)
Andhra Pradesh		-	-	-	-	-	1263	856	-	-
Gujarat	Kharif	961	1320	1001	1073	-	924	1061	1098	939
	Summer	-	-	3198	968	2351	1974	2877	-	2320
Haryana		-	1071	756	925	1482	1289	1535	1432	1529
Karnataka	Kharif	385	300	391	615	473	734	513	315	483
Madhya Pradesh		486	822	795	841	740	665	972	945	1151
Maharashtra		438	466	512	-	455	-	502	441	675
Punjab		-	-	-	-	-	-	-	-	-
Rajasthan		116	942	399	288	341	541	644	304	799
Tamil Nadu		636	826	1050	740	760	980	913	884	-
Uttar Pradesh		-	-	-	-	-	-	-	-	-
Delhi		-	-	-	-	-	-	-	-	-
Daman & Diu		780	780	1454	1033	2015	1654	1654	1312	1378

Source: Consolidated Results of Crop Estimation Survey on Principal Crops, NSSO.

Note: (-) = Not available with State Agricultural Statistics Authority (SASA).

Table 4.2.9 Yield of Local Varieties of Maize in Major States

State/UT	Season	2002-03	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)
Andhra Pradesh	Kharif	-	-	-	-	-	-	2644	-	-
	Rabi	-	-	-	-	-	-	5521	-	-
Bihar	Bhadai	1537	1650	1496	1542	1502	768	1276	1511	-
	Rabi	-	3006	3041	3045	3612	3974	3828	2599	-
	Garma	-	2953	2600	2579	2541	2467	2756	2905	-
	Chhattisgarh	1305	1370	1430	1058	1225	1523	1523	1392	1392
Gujarat		1702	1661	899	1481	-	1327	1378	890	1618
Haryana		-	2449	2302	2061	2236	2584	2103	2126	1665
Himachal Pradesh		1670	2551	2227	1932	2376	2435	2222	1990	2483
Jammu & Kashmir		1199	1555	1473	1302	1302	1302	1302	1302	1302
Karnataka	Kharif	1430	1500	1999	1832	2133	2652	1192	877	2019
	Rabi	1374	670	1691	2624	2423	2397	1951	1951	2233
	Summer	-	-	-	-	-	-	-	-	-
	Madhya Pradesh	-	1557	1185	1179	896	1044	331	1159	1408
Maharashtra	Kharif	-	-	-	-	-	-	-	-	3024
	Rabi	-	-	-	-	-	-	-	-	2630
Odisha	Autumn	950	891	1006	862	845	921	943	850	1102
	Winter	667	1291	899	654	831	2472	814	974	1258
	Summer	769	740	837	945	1116	1217	3945	1268	-
	Punjab	1638	2287	2395	2081	2001	2094	2195	3237	-

Rajasthan	Kharif	696	1796	1225	875	1060	1615	1753	1101	1786
	Rabi	-	-	-	-	-	-	-	-	-
Uttar Pradesh		-	-	-	-	-	-	-	-	-
West Bengal		-	-	2029	1824	1908	1673	1737	1926	2121

Source: Consolidated Results of Crop Estimation Survey on Principal Crops, NSSO.

Note: (-) = Not available with State Agricultural Statistics Authority (SASA).

Table 4.2.10 Yield of Local Varieties of Wheat in Major States

State/UT	Season	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
												(Kg/hectare)
Assam		1133	1040	1084	1079	1228	1236	1129	1054	1794	874	1147
Bihar		1648	1552	1393	1233	1794	2094	1823	1794	834	1755	-
Chhattisgarh		651	784	652	728	766	884	874	1382	4176	1747	874
Gujarat		1367	697	1910	2052	953	1341	1558	1063	1558	1558	1217
Haryana		-	2240	2419	3075	2889	3563	3746	1063	1558	1558	4482
Himachal Pradesh		1408	1360	1795	1104	1622	1451	1176	1063	1558	1558	1747
Jammu & Kashmir		1435	1437	1567	1558	1558	1558	1558	1558	1558	1558	1558
Jharkhand		-	-	-	-	-	-	-	-	-	-	-
Karnataka		339	216	596	660	501	763	743	748	748	743	1054
Madhya Pradesh		1109	1346	1298	1284	1320	1165	1512	1311	1311	1512	1363
Maharashtra		695	708	864	773	-	-	1092	779	779	1092	1250
Odisha	Summer	970	1359	-	1142	1363	1252	1151	1151	1151	1151	1447
Punjab		2048	3582	-	-	-	-	-	-	-	-	-
Rajasthan		2469	2331	2780	2583	2175	2368	2688	2971	2971	2688	3364
Uttar Pradesh		-	-	-	-	-	-	-	-	-	-	-
West Bengal		1808	2052	1873	1930	2038	2239	2174	1882	1882	2174	2356
Delhi		-	-	-	-	-	-	-	-	-	-	-

Source: Consolidated Results of Crop Estimation Survey on Principal Crops, NSSO.

Note: (-) = Not available with State Agricultural Statistics Authority (SASA).

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

State/UT	Season	2002-03	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)
Andhra Pradesh	Kharif	-	-	-	-	-	3060	-	2835	2563
	Rabi	-	-	-	-	-	3312	-	3449	3716
Assam	Autumn	1839	1778	1551	1950	1674	1452	1789	1782	1660
	Winter	2262	2263	2013	2064	1831	1713	2480	2304	2358
Bihar	Summer	2518	2220	2309	2126	2470	2697	2466	2325	2785
	Bhadai	1401	-	-	-	-	-	-	-	-
	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
Goa	Kharif	2369	3182	2852	2865	2405	2281	2339	1902	2358
	Rabi	2584	3038	2597	2671	2570	2428	2440	2593	2667
Gujarat	Kharif	1330	2054	1893	2059	2822	3081	1772	1978	2086
	Summer	3104	3106	2993	3182	4311	4667	3274	2950	3042
Haryana		-	3042	3218	3410	3504	3611	2876	3713	2788
Himachal Pradesh		1283	1825	1643	1751	1936	1927	1997	1593	-
Jammu & Kashmir		1862	2078	2172	2514	2514	2514	2514	2514	-
Jharkhand	Aghani	-	-	-	-	-	-	-	-	-
Karnataka	Kharif	2503	2688	2856	2874	2860	2974	2948	2801	3157
	Rabi	2198	3120	3550	2331	2421	2288	2299	2384	2430
	Summer	2642	4107	4709	3273	3046	3213	2094	3224	3408

(Contd.)

Table 4.2.11 (*Contd.*)

State/UT	Season	2002-03	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)
Kerala	Autumn	2165	2244	2365	2205	2343	2215	2486	2529	2439
	Winter	2351	1875	2365	2455	2599	2519	2537	2686	2463
	Summer	2748	2287	2525	2743	2896	2413	2994	2723	2692
Madhya Pradesh		1221	1872	1087	2909	1565	1700	900	885	1835
	Kharif	869	1957	1434	1838	1669	1898	1499	1515	1821
Maharashtra	Summer	-	-	-	-	-	-	-	-	-
	Autumn	-	-	-	-	-	-	-	1734	-
	Winter	-	-	-	-	-	-	-	-	-
Meghalaya	Autumn	423	1202	949	1055	1144	1838	1146	1037	933
	Winter	844	1795	1668	1777	1755	2878	1637	1742	1754
	Summer	2125	2133	2230	2160	2293	2447	2451	2713	2259
Punjab		3501	3681	3942	3846	3868	4018	4022	4010	-
Rajasthan		947	1373	1551	1301	2637	3334	1840	1309	1259
Tamil Nadu [#]	K/K/S	3495	3347	3542	3358	3383	4054	3853	3490	3634
	S/T/P	2845	2749	3033	2648	3838	3018	2734	3125	3059
	N/K	2988	2969	3100	3085	3923	3447	3535	3502	3525
Uttar Pradesh		-	-	-	-	-	-	-	-	-
West Bengal	Aus.	2184	2194	2242	2169	2132	2157	3389	2216	2128
	Aman	2431	2422	2464	2401	2427	2398	3789	2438	2514
	Summer	2940	3076	3089	2913	3123	3136	4148	2821	3252
Dadra & Nagar Haveli		3017	2058	2275	3202	3987	3115	2925	2594	2624

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

State/UT	Season	2002-03	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)
Andhra Pradesh	Kharif	-	-	-	-	-	1872	1269	-	-
	Rabi	-	-	-	-	-	2989	7368	1176	1384
Chhattisgarh		-	-	-	-	-	-	-	-	-
Gujarat	Kharif	1125	1407	1379	1424	-	1359	1403	1245	1345
	Rabi						901	750	1113	1353
Karnataka	Summer	821	798	976	1010	1086	-	-	-	-
	Kharif	1417	1234	1703	1813	1320	1867	1503	1127	1733
	Rabi	730	552	711	982	819	1224	1111	1025	1073
	Summer	-	-	-	-	-	2496	2395	1891	2105
Madhya Pradesh		1387	1161	1066	1158	1113	1181	1208	1263	1439
Maharashtra	Kharif	1434	1335	1173	-	1209	1499	1163	1127	-
	Rabi	-	-	-	-	-	-	-	-	-
Rajasthan		250	745	523	310	997	883	-	469	-
Tamil Nadu		1075	897	935	1158	1456	1052	1108	1398	1439
Uttar Pradesh		-	-	-	-	-	-	-	-	-

Source: Consolidated Results of Crop Estimation Survey on Principal Crops, NSSO.

Note: (-) = Not available with State Agricultural Statistics Authority (SASA).

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

State/UT	Season	2002-03	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)
Andhra Pradesh		-	-	-	-	-	1734	1631	959	1647
Gujarat	Kharif	874	-	1043	1042	-	1137	1077	867	1113
	Summer	1648	2084	1998	2181	2266	2272	2381	2271	2449
Haryana		-	1701	1417	1160	1674	1892	1826	1652	1904
Karnataka	Kharif	416	678	637	965	439	818	721	453	1004
Madhya Pradesh		964	1638	1523	1828	1514	1552	1390	1434	1756
Maharashtra		778	695	750	650	647	878	767	780	1113
Punjab		-	-	-	-	-	-	-	-	-
Rajasthan		288	1416	858	580	1064	1242	1090	656	-
Tamil Nadu		1406	1338	1620	1626	2403	1977	1987	1889	1680
Uttar Pradesh		-	-	-	-	-	-	-	-	-
Delhi		1807	2473	1628	1850	1750	1750	1750	1750	-
Daman & Diu		-	-	-	-	-	-	-	-	-

Source: Consolidated Results of Crop Estimation Survey on Principal Crops, NSSO.

Note: (-) = Not available with State Agricultural Statistics Authority (SASA).

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

State/UT	Season	2002-03	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)
Andhra Pradesh	Kharif	-	-	-	-	-	5127	3710	1910	3807
	Rabi	-	-	-	-	-	6167	5640	6598	7341
Bihar	Bhadai	1907	1695	1909	1781	1973	1297	1841	2035	-
	Rabi	2610	-	-	-	-	-	-	-	-
Garma	Garma	-	2709	2928	2427	3367	4084	3188	3134	-
		-	-	-	-	-	-	-	-	-
Chhattisgarh										
Gujarat		1663	1852	913	1602	-	1472	1524	1051	1670
Haryana		-	2409	2695	2266	2360	2714	2195	2224	2131
Himachal Pradesh		1946	3292	2763	2498	3144	2883	3058	2367	2728
Jammu & Kashmir		1982	2020	1837	1877	1877	1877	1877	1877	1877
Karnataka	Kharif	2125	2059	3109	3113	2864	3060	2883	2447	3595
	Rabi	2694	2425	3201	3659	3179	3569	3173	3173	2955
	Summer	-	-	3220	-	3373	3822	3312	3312	3555
Madhya Pradesh		-	2330	1703	1657	1336	1420	1620	1263	1337
Maharashtra	Kharif	-	-	-	-	-	-	-	-	-
	Rabi	-	-	-	-	-	-	-	-	-
Odisha	Autumn	1005	1892	2178	1932	1927	2314	2297	2401	2734
	Winter	1179	1986	1979	2287	2647	2738	2273	1590	2118
	Summer	1635	1999	2066	2216	2385	2277	2547	2237	2818
Punjab		2467	3385	3291	2973	3469	3820	3594	3751	-

Rajasthan	Kharif	1174	2143	1099	1188	1001	2136	1860	962	-
Tamil Nadu		-	-	-	-	-	4500	4387	4660	-
Uttar Pradesh		-	-	-	-	-	-	-	-	-
West Bengal		-	-	3039	2663	2967	2549	2878	-	-

Source: Consolidated Results of Crop Estimation Survey on Principal Crops, NSSO.

Note: (-) = Not available with State Agricultural Statistics Authority (SASA).

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

State/UT	Season	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
												(Kg/hectare)
Assam		1199	1049	965	948	977	1173	1092	1164	939		
Bihar		1979	1860	1706	1442	2069	2407	2199	2157	-		
Chhattisgarh		1266	1226	1092	1066	1252	1267	1236	1394	1394		
Gujarat		1974	2712	2560	2832	2659	3057	2396	2717	3143		
Haryana		-	3975	3921	3887	4247	4175	4651	4215	4607		
Himachal Pradesh		1556	1563	2098	1153	1908	1786	1124	1304	1874		
Jammu & Kashmir		1904	2107	2175	2063	2063	2063	2063	2063	2063		
Jharkhand		-	-	-	-	-	-	-	-	-		
Karnataka		918	723	1575	1150	1052	1243	1146	1065	1316		
Madhya Pradesh		1827	2165	2146	2014	2240	2022	2209	2334	2387		
Maharashtra		1335	1201	1366	1400	1520	1892	1489	1641	1776		
Odisha	Summer	1263	1471	1311	1388	1488	1587	1415	1415	1461		
Punjab		4200	4203	4222	4165	4209	4506	4504	4307	-		
Rajasthan		2681	2848	2846	2825	3078	2741	3184	3255	-		
Uttar Pradesh		-	-	-	-	-	-	-	-	-		
West Bengal		2011	2261	2067	2058	2235	2395	2188	2427	2458		
Delhi		4014	4052	3745	3845	3920	3920	3920	3920	-		

Source: Consolidated Results of Crop Estimation Survey on Principal Crops, NSSO.

Note: (-) = Not available with State Agricultural Statistics Authority (SASA).

5

Area, Production and Yield of Horticulture and Plantation Crops

Table 5.1 Area and Production of Horticulture Crops

Crops	2009-10		2010-11		2011-12		2012-13		2013-14 (P)	
	Area	Production	Area	Production	Area	Production	Area	Production	Area	Production
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Fruits										
Almond	-	-	23.2	14.3	22.0	4.0	21	9	21	13
Amla/Gooseberry	-	-	67	677	95	961	108	1266	110	1282
Apple	283.0	1777.0	289.1	2890.6	322.0	2203.0	311	1915	315	2544
Banana	770.0	26470.0	830.5	29779.9	797.0	28455.0	776	26509	831	29530
Ber	-	-	22.5	187.8	34.0	252.0	41	438	40	382
Citrus Fruits										
(i) Lime/Lemon	-	-	219.1	2108.0	234.0	2272.0	255	2524	258	2565
(ii) Mandarin (Orange)	-	-	323.8	3255.2	329.0	3128.0	311	2906	330	3109
(iii) Sweet Orange (Mosambi)	-	-	156.8	1316.2	162.0	1232.0	323	3520	326	3676
(iv) Others	-	-	146.8	784.2	190.0	1290.0	153	1140	157	1134
Total Citrus Fruits (i to iv)	987.0	9638.0	846.5	7463.6	915.0	7922.0	1042	10090	1071	10484
Custard Apple			15.5	104.7	19.0	127.0	20	136	23	174
Grapes	106.0	881.0	111.4	1234.9	116.0	2221.0	118	2483	119	2525
Guava	220.0	2572.0	204.8	2462.3	220.0	2510.0	236	3198	272	3637
Jackfruit	-	-	35.6	540.2	60.0	1042.0	67	1176	68	1278
Kiwi	-	-	0.3	0.9	3.0	6.0	4	7	5	9
Litchi	74.0	483.0	77.6	497.3	80.0	538.0	83	580	84	599
Mango	2312.0	15027.0	2296.8	15188.4	2378.0	16196.0	2500	18002	2528	17938
Papaya	93.0	3913.0	105.6	4195.5	117.0	4457.0	132	5382	135	5573

Passion Fruit	-	-	-	-	16.0	97.0	18	101	19	123
Peach	-	-	18.3	92.0	20.0	91.0	19	98	19	99
Pear	-	-	40.7	300.0	48.0	294.0	42	295	44	334
Pineapple	92.0	1387.0	88.7	1415.4	102.0	1500.0	105	1571	109	1681
Plum	-	-	13.6	32.3	26.0	72.0	24	74	24	82
Pomegranate	125.0	820.0	107.3	743.1	112.0	772.0	113	745	129	1072
Sapota	159.0	1347.0	160.0	1424.1	163.0	1420.0	164	1495	165	1523
Walnut	-	-	113.9	187.1	150.0	284.0	123	233	125	246
Others	1105.0	7201.0	912.4	5445.8	889.0	4991.0	915	5482	930	5695
Pecanut	-	-	1.2	0.2	1.9	0.2	-	-	-	-
Total Fruits	6326.0	71516.0	6382.6	74877.5	6705.0	76424.0	6982	81285	7186	86822
Vegetables										
Beans	-	-	100.0	888.1	118.0	1151.0	124	1269	119	1213
Bitter Gourd	-	-	68.3	749.2	77.0	866.0	83	940	88	971
Bottle Gourd	-	-	75.3	1353.7	105.0	1984.0	114	2090	118	2192
Brinjal	607.0	10372.0	680.0	11895.8	892.0	12634.0	722	13444	722	13842
Cabbage	331.0	7281.0	368.8	7948.9	390.0	8412.0	372	8534	412	9109
Capsicum	-	-	5.9	65.0	10.0	127.0	29	153	29	156
Carrot	-	-	56.5	952.9	62.0	1153.0	64	1145	69	1190
Cauliflower	348.0	6569.0	368.7	6744.9	391.0	7349.0	402	7887	432	8585
Cucumber	-	-	35.1	525.1	40.0	607.0	41	641	45	690
Muskmelon	-	-	39.5	739.9	38.0	791.0	42	868	37	702
Okra	452.0	4803.0	498.3	5784.0	518.0	6259.0	531	6350	533	6461
Onion	756.0	12159.0	1063.8	15117.7	1087.0	17511.0	1052	16813	1211	19769

(Contd.)

Table 5.1 (Contd.)

Crops	2009-10		2010-11		2011-12		2012-13		2013-14 (P)	
	Area (2)	Production (3)	Area (4)	Production (5)	Area (6)	Production (7)	Area (8)	Production (9)	Area (10)	Production (11)
Parmal (pointed gourd)	-	-	0.0	0.0						
Peas	365.0	3029.0	369.8	3517.4	408.0	3745.0	421	4006	438	4165
Potato	1835.0	36577.0	1863.2	42339.4	1907.0	41483.0	1992	45344	2017	44306
Radish	-	-	133.5	1878.1	160.0	2286.0	170	2411	177	2561
Sitaphal/Pumpkin	-	-	5.3	142.9	11.0	278.0	16	373	15	356
Sweet Potato	119.0	1095.0	113.2	1046.6	110.0	1073.0	112	1132	110	1126
Tapioca	232.0	8060.0	221.4	8076.0	227.0	8747.0	207	7237	216	7778
Tomato	634.0	12433.0	864.9	16826.4	907.0	18653.0	880	18227	910	19193
Watermelon	-	-	67.4	1436.5	71.0	1727.0	81	1789	81	1827
Others	2332.0	31724.0	1495.6	18525.9	1661.0	19487.0	1751	21535	1788	21953
Total Vegetables	8011.0	134102.0	8494.5	146554.5	8989.0	156325.0	9205	162187	9567	168142
Aromatic	508.6	572.5	510.1	605.2	506.0	566.0	557	918	554	931
Flowers Cut*	66671.4		69027.4		75066.0		76732		542	
Flowers Loose	182.9	1020.6	190.9	1031.3	254.0	1652.0	233	1729	241	1824
Plantation Crops										
Areca Nut	400.1	478.0	400.1	478.0	464.0	681.0	446	609	452	626
Cashew Nut	923.0	613.0	953.2	674.6	979.0	725.0	992	753	1009	757
Cocoa	46.3	12.9	56.5	14.4	63.0	13.0	66	13	71	15
Coconut	1895.2	10824.3	1895.9	10840.0	2071.0	14940.0	2137	15609	2143	15200
Total Plantation Crops	3264.6	11928.2	3305.7	12007.0	3577.0	16359.0	3641	16985	3674	16598

Spices														
Ajwan	17.0	10.0	25.9	22.2	35.0	27.0	35	27	39	27				
Cardamom	90.0	16.0	86.7	15.7	89.0	16.0	92	18	99	21				
Chillies (Dried)	767.0	1203.0	792.1	1223.4	805.0	1276.0	794	1304	791	1376				
Cinnamon/Tejpata	4.0	9.0	3.0	5.0	3.0	5.0	3	5	3	5				
Celery, Dill and Poppy	-	-	37.6	39.6	33.0	33.0	33	33	33	33				
Clove	3.0	1.0	2.4	1.2	2.0	1.0	2	1	2	1				
Coriander	360.0	237.0	530.5	482.0	558.0	533.0	543	524	425	428				
Cumin	377.0	156.0	507.9	314.2	594.0	394.0	594	394	866	456				
Fenugreek	51.0	57.0	81.2	118.4	94.0	116.0	93	113	76	97				
Fennel	43.0	57.8	61.8	105.4	100.0	143.0	100	143	94	136				
Garlic	165.0	834.0	200.6	1057.8	242.0	1228.0	248	1259	227	1181				
Ginger	108.0	385.0	149.1	702.0	155.0	756.0	136	683	140	688				
Nutmeg	16.0	8.0	16.1	11.4	17.0	13.0	17	13	19	13				
Pepper	196.0	51.0	183.8	52.0	200.0	41.0	125	53	122	49				
Vanilla	9.0	-	7.1	1.1	7.0	1.0	7	1	7	1				
Tamarind	58.0	185.0	59.6	206.3	58.0	203.0	58	202	59	192				
Turmeric	181.0	793.0	195.1	992.9	219.0	1167.0	194	971	234	1229				
Total Spices	2463.7	4016.0	2940.4	5350.5	3212.0	5951.0	3076	5744	3236	5932				
Total	20756.9	223155.2	21824.2	240426.0	23242.0	257277.0	23694	268848	24458	280792				

Source: Department of Agriculture and Cooperation (Horticulture Division).

Notes: 1. From 2013-14 (3rd adv. Est.), cut flower production is being given in thousand MT as compared to earlier reporting in lakh numbers.

2. Figure of production under grand total does not include production of cut flowers up to 2012-13.

Table 5.2 State-wise Area and Production of Various Horticultural Crops during the Year 2012-13

State/UT	Area - '000 Ha Production - '000 MT															
	Fruits		Vegetables		Flowers		Aromatic		Spices		Plantation		Total			
	Area	Prod.	Area	Prod.	Area	Production	Cut	Area	Prod.	Area	Prod.	Area	Prod.	Area	Prod.	
																Loose
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	
Andaman & Nicobar Islands	3.55	29.73	6.89	51.79	0.13	0.29	0.00	0.00	0.00	1.68	3.22	27.33	95.71	39.58	180.74	
Andhra Pradesh	973.80	14219.31	710.31	12422.06	36.07	251.12	55.06	0.30	4.52	302.30	1217.04	341.17	1483.57	2363.95	29652.68	
Arunachal Pradesh	89.08	322.16	1.40	35.00	0.02	0.01	1.86	5.15	109.18	10.17	64.27	1.00	0.56	106.82	533.04	
Assam	153.96	2210.24	291.00	3479.94	3.00	20.00	32.69	4.35	0.16	96.66	287.50	97.44	183.94	646.41	6214.47	
Bihar	306.68	4487.11	870.74	16257.86	0.82	7.63	2.74	4.20	0.53	13.01	12.54	15.26	96.93	1210.72	20865.34	
Chhattisgarh	212.88	1930.18	403.43	5465.92	10.13	45.73	0.00	8.44	50.25	12.31	15.37	18.52	25.58	665.71	7533.03	
Dadra & Nagar 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	1.10	5.50	
Daman & Diu	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	
Delhi	0.00	0.00	27.30	436.95	5.50	5.70	5.77	0.00	0.00	0.00	0.00	0.00	0.00	32.80	448.41	
Goa	11.28	81.19	7.00	79.92	0.01	0.02	0.10	0.00	0.00	0.73	0.23	85.45	123.40	104.47	284.86	
Gujarat	381.50	8413.17	573.72	11304.48	17.27	149.27	0.00	0.00	0.00	541.82	848.48	29.09	246.40	1543.40	20961.80	
Haryana	50.53	552.47	373.17	5563.34	6.48	65.45	11.25	1.75	1.14	16.13	82.82	0.00	0.00	448.06	6276.46	
Himachal Pradesh	218.03	866.34	78.99	1514.43	0.83	28.14	12.36	1.11	0.90	8.43	14.16	0.00	0.00	307.38	2436.33	
Jammu & Kashmir	355.53	2072.68	63.06	1395.47	0.90	0.40	1.73	0.00	0.00	4.94	1.07	0.00	0.00	424.44	3471.35	
Jharkhand	93.17	890.04	313.61	4238.13	1.60	22.03	9.51	0.00	0.00	0.00	0.00	15.00	1.20	423.38	5160.90	
Karnataka	396.00	6651.60	418.80	7500.70	30.60	211.50	71.53	3.90	22.00	216.26	381.28	874.46	3910.98	1940.02	18749.59	
Kerala	314.56	2584.01	146.00	3445.58	0.00	0.00	0.00	0.00	0.00	166.96	114.06	998.67	4193.19	1626.18	10336.84	
Lakshadweep	0.22	0.48	0.25	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.57	48.80	3.04	49.61	

State/UT	Fruits		Vegetables		Area	Flowers		Aromatic		Spices		Plantation		Total	
	Area	Prod.	Area	Prod.		Production	Cut	Area	Prod.	Area	Prod.	Area	Prod.	Area	Prod.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Madhya Pradesh	203.79	5691.90	628.43	12930.50	17.06	199.50	0.00	63.95	404.60	284.91	454.17	0.00	0.00	1198.15	19680.67
Maharashtra	1565.00	11132.00	726.00	10416.00	23.00	120.00	43.97	0.00	0.00	120.76	109.04	214.48	375.21	2649.24	22196.22
Manipur	54.05	515.69	25.19	271.04	0.76	0.28	0.01	0.00	0.00	10.47	24.14	0.00	0.00	90.47	811.16
Meghalaya	35.30	348.30	41.42	427.90	0.01	0.00	4.62	0.00	0.00	17.39	74.81	23.12	29.94	117.24	885.56
Mizoram	57.89	344.43	42.87	260.52	0.24	171.47	3.02	1.11	0.90	22.47	59.62	7.63	4.43	132.21	844.39
Nagaland	40.16	375.74	52.48	483.39	0.01	0.00	0.40	0.00	0.00	9.77	39.16	1.62	11.32	104.04	910.01
Odisha	325.86	2148.27	677.33	9433.66	7.44	37.40	57.41	1.92	0.64	123.32	181.50	217.69	577.71	1353.56	12436.59
Puducherry	0.64	12.58	0.90	16.26	0.14	1.20	0.00	0.00	0.00	0.09	0.38	2.02	23.54	3.79	53.96
Punjab	76.95	1528.61	191.00	3922.28	1.35	10.46	0.00	9.07	1.67	19.15	70.92	0.00	0.00	297.52	5533.94
Rajasthan	57.12	778.45	165.17	1705.09	3.43	3.72	0.00	298.28	159.50	866.32	785.68	0.00	0.00	1390.32	3432.44
Sikkim	16.02	24.04	26.02	134.06	0.24	28.20	1.74	0.00	0.00	32.06	55.80	0.00	0.00	74.34	243.84
Tamil Nadu	328.55	7369.86	289.74	8678.82	30.89	343.65	7.14	16.37	162.12	166.00	554.52	634.58	4842.33	1466.12	21958.44
Tripura	60.57	638.78	45.58	760.16	0.00	0.00	0.00	0.00	0.00	5.69	18.04	15.38	34.02	127.22	1451.00
Uttar Pradesh	378.97	6887.45	897.25	19430.77	16.58	32.16	54.06	133.70	13.40	60.47	213.28	0.00	0.00	1486.96	26631.12
Uttaranchal	200.85	805.67	88.03	1059.57	1.56	1.82	20.18	0.00	0.00	8.09	41.08	0.00	0.00	298.53	1928.33
West Bengal	223.50	2909.71	1383.05	25014.95	24.85	66.50	145.19	0.00	0.00	97.56	207.72	51.85	289.41	1780.81	28633.48
Total	7186.00	86822.19	9567.23	168142.37	240.91	1823.66	542.34	553.60	931.50	3235.90	5931.90	3674.32	16598.17	24457.96	280792.13

Sources: Department of Agriculture & Cooperation (Horticulture Division).

Fruits, vegetables, flowers, aromatic/medicinal plants: State Directorates of Horticulture.

Plantation crops: Coconut (CDB), areca nut (Directorate of Arecanut & Spices Development), cashew & cocoa (Directorate of Cashew and Cocoa Development) and State Directorate of Horticulture.

Spices: Directorate of Arecanut & Spices Development.

Notes: 1. P(cut) = Production in (lakh Nos.).

2. Figure of production under total does not include production of cut flowers.

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

Year	Area	Production	Area - Million Hectares
			Production - Million Tonnes
			Yield - Kg/Hectare
(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

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
1999-2000	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 (3rd Adv. Est.)	2.02	44.31	21967

Source: Department of Agriculture and Cooperation (Horticulture Division).

Table 5.3(b) Area, Production and Yield of Potato in Major Potato-producing States

State/UT	2012-13				2013-14 (P)				Area - '000 Hectares Production - '000 Tonnes Yield - Kg/Hectare
	Area	% to All India	Production	% to All India	Yield	Area	% to All India	Production	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10) (11)
Uttar Pradesh	603.76	30.31	14430.28	31.82	23901	603.76	29.93	14430.28	32.57 23901
West Bengal	386.61	19.41	11591.30	25.56	29982	415.00	20.58	11000.00	24.83 26506
Bihar	322.5	16.19	6640.55	14.64	20593	318.45	15.79	6405.11	14.46 20113
Madhya Pradesh	108.87	5.46	2299.00	5.07	21117	109.96	5.45	2322.00	5.24 21116
Gujarat	81.27	4.08	2499.73	5.51	30758	73.60	3.65	2189.60	4.94 29750
Punjab	85.25	4.28	2132.31	4.70	25012	87.24	4.33	2181.10	4.92 25001
Assam	99.77	5.01	975.27	2.15	9775	100.77	5.00	995.09	2.25 9875
Haryana	29.47	1.48	676.01	1.49	22939	29.97	1.49	696.51	1.57 23240
Jharkhand	47.21	2.37	659.61	1.45	13972	49.06	2.43	653.12	1.47 13314
Chhattisgarh	-	-	-	-	-	37.89	1.88	556.40	1.26 14685
Karnataka	44.40	2.23	698.30	1.54	15727	-	-	-	- -
Others	183.15	9.19	2741.23	6.05	14967	191.29	9.48	2877.28	6.49 15041
All India	1992.22	100.00	45343.59	93.95	22760	2016.99	100.00	44306.50	100.00 21967

Source: Department of Agriculture and Cooperation (Horticulture Division).

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

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

Year	Area	Production	Area - Million Hectares
			Production - Million Tonnes
			Yield - Kg/Hectare
(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
1999-2000	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 (3rd Adv. Est.)	1.21	19.77	16318

Source: Department of Agriculture and Cooperation (Horticulture Division).

Table 5.4(b) Area, Production and Yield of Onion in Major Onion-producing States

State	2012-13						2013-14			
	Area			Yield			Area			Yield
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
			Production	% to All India			% to All India	Production	% to All India	
(1)										(11)
Maharashtra	260.00	24.7	4660.00	27.7	17923	468.00	38.6	5866.00	29.7	12534
Madhya Pradesh	111.73	10.6	2691.00	16.0	24086	117.31	9.7	2825.60	14.3	24086
Karnataka	159.60	15.2	2395.90	14.3	15012	136.60	11.3	2065.20	10.4	15119
Gujarat	28.85	2.7	704.38	4.2	24415	72.60	6.0	1798.30	9.1	24770
Andhra Pradesh	86.67	8.2	1560.06	9.3	18000	89.72	7.4	1525.18	7.7	17000
Bihar	53.02	5.0	1107.84	6.6	20896	54.34	4.5	1301.31	6.6	23948
Rajasthan	139.05	13.2	476.21	2.8	3425	53.43	4.4	1001.57	5.1	18745
Haryana	27.80	2.6	604.47	3.6	21744	30.16	2.5	672.17	3.4	22287
Tamil Nadu	37.70	3.6	429.72	2.6	11398	39.97	3.3	472.69	2.4	11826
Uttar Pradesh	26.63	2.5	474.01	2.8	17800	24.75	2.0	435.01	2.2	17576
Odisha	34.92	3.3	419.09	2.5	12001	-	-	-	-	-
Others	85.56	8.1	1290.33	7.7	15081	124.57	10.3	1805.60	9.1	14495
All India	1051.52	100.00	16813.02	100.00	15989	1211.45	100.00	19768.63	100.00	16318

Source: Department of Agriculture and Cooperation (Horticulture Division).

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

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

Year	Area	Production	Area - Million Hectares
			Production - '00 Million Nuts
			Yield - Nuts/Hectare
(1)	(2)	(3)	(4)
1950-51	0.62	35.82	5777
1951-52	0.63	36.06	5724
1952-53	0.65	44.98	6920
1953-54	0.66	46.49	7044
1954-55	0.64	44.09	6889
1955-56	0.65	42.26	6502
1956-57	0.66	43.83	6641
1957-58	0.67	44.55	6649
1958-59	0.69	45.89	6651
1959-60	0.72	47.34	6575
1960-61	0.72	46.39	6443
1961-62	0.72	44.78	6219
1962-63	0.80	50.17	6271
1963-64	0.80	47.25	5906
1964-65	0.85	50.43	5933
1965-66	0.88	50.35	5722
1966-67	0.89	51.92	5834
1967-68	0.92	53.21	5784
1968-69	0.99	55.46	5602
1969-70	1.03	58.59	5688
1970-71	1.05	60.75	5786
1971-72	1.09	61.24	5618
1972-73	1.10	59.97	5452
1973-74	1.10	58.51	5319
1974-75	1.12	60.30	5384
1975-76	1.07	58.29	5448
1976-77	1.08	57.65	5338
1977-78	1.06	54.13	5107
1978-79	1.06	57.30	5406
1979-80	1.08	56.36	5219
1980-81	1.08	57.20	5296
1981-82	1.09	55.73	5113
1982-83	1.15	63.56	5527
1983-84	1.17	58.08	4964
1984-85	1.18	69.13	5858

(Contd.)

Table 5.5a (*Contd.*)

Year	Area	Production	Yield
(1)	(2)	(3)	(4)
1985-86	1.23	67.70	5504
1986-87	1.23	63.77	5185
1987-88	1.35	72.70	5385
1988-89	1.43	85.41	5973
1989-90	1.47	93.59	6367
1990-91	1.48	97.30	6574
1991-92	1.53	100.50	6569
1992-93	1.54	112.41	7299
1993-94	1.64	119.75	7302
1994-95	1.71	133.00	7778
1995-96	1.83	129.52	7078
1996-97	1.89	130.61	6911
1997-98	1.86	127.17	6837
1998-99	1.75	125.36	7163
1999-2000	1.77	121.29	6853
2000-01	1.84	125.97	6846
2001-02	1.93	129.63	6717
2002-03	1.92	125.35	6529
2003-04	1.93	121.78	6310
2004-05	1.94	128.33	6615
2005-06	1.95	148.11	7595
2006-07	1.94	158.40	8165
2007-08	1.90	147.44	7760
2008-09	1.90	101.48	5333
2009-10	1.90	108.24	5712
2010-11	1.90	157.53	8291
2011-12	2.07	209.24	10108
2012-13	2.14	226.84	10600
2013-14 (3rd Adv. Est.)	2.14	220.88	10321

Source: Department of Agriculture and Cooperation (Horticulture Division).

Table 5.5(b) Area, Production and Yield of Coconut in Major Coconut-producing States

State/UT	2012-13				2013-14 (P)				Area - '000 Hectares Production - '000 MT Yield - Kg/Hectare
	Area (2)	% to All India (3)	Production (4)	% to All India (5)	Yield (6)	Area (7)	% to All India (8)	Production (9)	Yield (11)
(1)									
Tamil Nadu	465.11	21.8	4760.67	30.5	10236	465.11	21.7	4760.67	31.3
Kerala	798.16	37.4	3990.39	25.6	4999	798.18	37.3	3990.39	26.3
Karnataka	513.10	24.0	4169.90	26.7	8127	517.30	24.1	3469.62	22.8
Andhra Pradesh	128.90	6.0	1330.40	8.5	10321	133.43	6.2	1377.19	9.1
Odisha	54.29	2.5	262.17	1.7	4829	50.78	2.4	492.00	3.2
West Bengal	29.20	1.4	254.17	1.6	8704	29.30	1.4	255.22	1.7
Gujarat	21.12	1.0	221.88	1.4	10506	21.12	1.0	221.88	1.5
Maharashtra	28.08	1.3	129.02	0.8	4595	28.08	1.3	129.02	0.8
Assam	22.15	1.0	110.26	0.7	4978	22.38	1.0	111.36	0.7
Bihar	15.25	0.7	97.14	0.6	6370	15.26	0.7	96.93	0.6
Andaman & Nicobar Islands	21.88	1.0	89.45	0.6	4088	21.90	1.0	89.45	0.6
Goa	25.71	1.2	84.45	0.5	3285	25.75	1.2	88.18	0.6
Lakshadweep	2.57	0.1	48.80	0.3	18988	2.57	0.1	48.80	0.3
Puducherry	1.95	0.1	23.18	0.1	11887	1.96	0.1	23.46	0.2
Tripura	6.47	0.3	18.89	0.1	2920	6.48	0.3	19.00	0.1
Chhattisgarh	1.41	0.1	7.87	0.1	5582	1.52	0.1	15.21	0.1
Nagaland	1.30	0.1	10.40	0.1	8000	1.40	0.1	11.20	0.1
Mizoram	0.02	0.0	0.06	0.0	3000	0.06	0.0	0.11	0.0
All India	2136.67	100.0	15609.10	100.0	7305	2142.57	100.0	15199.69	7094

Source: Department of Agriculture and Cooperation (Horticulture Division).

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

Table 5.6(a) All-India Area, Production and Yield of Cashew Nut

Year	Area - '000 Hectares			
	Production - '000 Tonnes			
	Yield - Kg/Hectare			
	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
1999-2000	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	979	924	725	749
2012-13	992	944	753	760
2013-14	1008	980	757	759

Source: Department of Agriculture and Cooperation (Horticulture Division).

Table 5.6(b) Area, Production and Yield of Cashew Nut in Major Cashew Nut-producing States

State	2012-13				2013-14				Area - '000 Hectares	Production - '000 Tonnes	Yield - Kg/Hectare
	Area	% to All India	Production	% to All India	Area	% to All India	Production	% to All India			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(11)
Maharashtra	184.20	18.6	224.64	29.8	1220	184.20	19.2	242.61	33.2	1317	1317
Andhra Pradesh	183.95	18.6	118.14	15.7	642	184.95	19.2	100.42	13.8	543	543
Odisha	163.91	16.5	100.84	13.4	615	166.91	17.4	85.71	11.7	514	514
Kerala	84.88	8.6	76.96	10.2	907	84.93	8.8	83.12	11.4	979	979
Karnataka	122.11	12.3	74.64	9.9	611	124.11	12.9	80.61	11.0	650	650
Tamil Nadu	136.42	13.8	62.40	8.3	457	139.42	14.5	67.39	9.2	483	483
Goa	57.47	5.8	29.95	4.0	521	57.97	6.0	32.35	4.4	558	558
Gujarat	7.97	0.8	24.52	3.3	3077	7.97	0.8	24.52	3.4	3077	3077
West Bengal	11.00	1.1	12.06	1.6	1096	11.16	1.2	13.03	1.8	1168	1168
Others	39.70	4.0	29.22	3.9	736	-	-	-	-	-	-
All India	991.61	100.0	753.37	100.0	760	961.62	100.00	729.76	100.0	759	759

Source: Department of Agriculture and Cooperation (Horticulture Division).

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

Table 5.7 All-India Area, Production and Yield of Areca Nut and Banana

Area - '000 Hectares Production - '000 Tonnes Yield - Kg/Hectare			
Year	Area	Production	Yield
(1)	(2)	(3)	(4)
Areca Nut			
1997-98	273.70	333.50	1218
1998-99	277.50	309.80	1116
1999-2000	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 (3rd Adv. Est.)	451.88	625.87	1385
Banana			
1997-98	446.70	12642.50	28302
1998-99	445.70	12425.40	27878
1999-2000	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 (3rd Adv. Est.)	831.21	29529.62	35526

Source: Department of Agriculture and Cooperation (Horticulture Division).

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

Year	Area	Production	Area - '000 Hectares
			Production - '000 Tonnes
			Yield - Kg/Hectare
(1)	(2)	(3)	(4)
Garlic			
1997-98	108.80	484.40	4452
1998-99	123.20	570.70	4632
1999-2000	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 (3rd Adv. Est.)	227.39	1181.37	5195
Ginger			
1997-98	75.60	252.10	3335
1998-99	77.60	263.20	3392
1999-2000	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 (3rd Adv. Est.)	139.99	688.25	4916

Source: Department of Agriculture and Cooperation (Horticulture Division).

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

	Area - '000 Hectares Production - '000 Tonnes Yield - Kg/Hectare		
Year	Area	Production	Yield
(1)	(2)	(3)	(4)
Sweet Potato			
1997-98	128.80	1171.00	9092
1998-99	134.40	1152.40	8574
1999-2000	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 (3rd Adv. Est.)	109.69	1125.94	10265
Tapioca			
1997-98	264.60	7007.80	26485
1998-99	243.40	5830.40	23954
1999-2000	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 (3rd Adv. Est.)	215.73	7778.36	36056

Source : Department of Agriculture and Cooperation (Horticulture Division).

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

Year	Area	Production	Area - '000 Hectares
			Production - '000 Tonnes
			Yield - Kg/Hectare
(1)	(2)	(3)	(4)
Turmeric			
1997-98	139.70	549.20	3931
1998-99	160.70	597.90	3721
1999-2000	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 (3rd Adv. Est.)	234.10	1228.90	5249
Chillies			
1997-98	840.60	870.10	1035
1998-99	891.20	1043.20	1171
1999-2000	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 (3rd Adv. Est.)	790.60	1375.50	1740

(Contd.)

Table 5.10 (*Contd.*)

Year	Area	Production	Yield
(1)	(2)	(3)	(4)
Coriander			
1997-98	656.50	337.70	514
1998-99	525.80	292.40	556
1999-2000	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 (3rd Adv. Est.)	424.80	428.20	1008

Source: Directorate of Arecanut and Spices Development (DASD).

Table 5.11 All India Area, Production and Yield of Cardamom and Pepper

Area in '000 Hectares Production in '000 Tonnes Yield in Kg/Hectare			
Year	Area	Production	Yield
(1)	(2)	(3)	(4)
Cardamom			
1997-98	94.30	11.70	123
1998-99	85.00	9.00	106
1999-2000	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 (3rd Adv. Est.)	99.20	20.70	209
Pepper			
1997-98	181.50	57.30	316
1998-99	239.80	75.70	316
1999-2000	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 (3rd Adv. Est.)	121.70	48.70	400

Source: Directorate of Arecanut and Spices Development (DASD).

6

All-India Index Numbers of Area, Production and Yield

Table 6.1 All-India Index Number of Area of Principal Crops

Crops	(TE: 2007-08 = 100)								
	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	Average Growth during 2007-08 to 2013-14	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(9)
Rice	100.3	104.0	95.7	97.9	100.5	97.6	100.3	99.5	99.5
Wheat	101.9	100.9	103.5	105.7	108.6	109.1	113.4	106.2	106.2
Jowar	93.5	90.7	93.8	88.9	75.2	74.9	70.2	83.9	83.9
Bajra	100.2	91.6	93.2	100.6	91.9	76.4	82.5	90.9	90.9
Maize	103.2	103.9	105.0	108.7	111.6	110.2	119.8	108.9	108.9
Ragi	101.5	101.1	92.8	94.1	86.1	82.6	83.0	91.6	91.6
Small Millers	100.1	87.2	80.0	77.1	77.0	72.7	70.2	80.6	80.6
Barley	96.2	112.7	99.6	112.6	102.7	111.0	107.6	106.1	106.1
Coarse Cereals	99.9	97.9	98.5	101.3	96.4	92.1	96.4	97.5	97.5
Cereals	100.9	101.6	99.5	101.8	103.3	101.7	105.3	102.0	102.0
Tur	102.8	93.2	95.7	120.5	110.6	107.5	107.1	105.4	105.4
Gram	103.0	107.8	111.6	125.5	113.4	116.4	139.6	116.7	116.7
Moong	111.5	85.0	91.8	104.9	101.3	81.3	96.0	96.0	96.0
Urad	102.9	86.2	95.5	104.8	103.8	99.2	96.9	98.5	98.5
Lentil	91.5	96.4	103.7	111.9	109.5	99.7	97.0	101.4	101.4
Other Pulses	97.3	92.4	97.2	105.6	93.7	85.1	82.8	93.4	93.4
Total Pulses	102.3	97.3	102.2	116.4	107.5	103.8	113.5	106.2	106.2
Foodgrains	101.2	100.9	100.0	104.4	104.0	102.0	106.8	102.8	102.8

(Contd.)

Table 6.1 (Contd.)

Crops	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	Average Growth during 2007-08 to 2013-14
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Groundnut	101.2	99.2	88.1	94.2	84.7	76.0	88.9	90.3
Castor	103.6	114.0	96.7	115.9	193.6	162.3	131.6	131.1
Niger Seed	94.7	91.4	87.3	86.2	84.7	72.1	64.4	83.0
Sesamum	103.3	103.9	111.5	119.6	109.2	97.9	95.7	105.9
R&M	87.9	95.0	84.3	104.1	88.9	96.0	101.1	93.9
Linseed	104.7	91.2	76.5	80.4	72.2	66.3	64.1	79.3
Safflower	90.5	83.2	81.3	68.9	70.7	51.8	50.2	71.0
Sunflower	89.4	84.8	69.0	43.4	34.2	38.8	32.3	56.0
Soya Bean	106.9	114.5	117.2	115.6	121.7	130.5	146.9	121.9
Total Oilseeds	98.5	101.8	94.8	101.0	97.5	97.5	105.7	99.5
Sugarcane	105.3	91.9	86.9	101.7	104.9	104.1	104.4	99.9
Cotton	103.7	103.6	111.6	123.8	134.1	131.9	129.2	119.7
Jute	103.2	99.6	102.8	98.1	102.5	98.4	97.8	100.3
Mesta	102.9	81.1	66.3	69.4	67.3	60.4	55.8	71.9
Coconut	98.7	98.7	98.2	98.3	107.4	110.8	111.9	103.4
Cottonseed	103.7	103.6	111.6	123.8	134.1	131.9	129.2	119.7
Sunhemp	97.4	78.7	74.7	85.6	64.3	53.2	53.2	72.4
Potato	105.0	123.6	124.0	125.9	128.9	134.6	136.8	125.5
Tapioca	101.1	111.7	92.5	88.1	90.5	82.5	85.3	93.1
Sweet Potato	99.6	116.8	111.8	106.1	103.3	105.2	105.2	106.8

Onion	102.2	121.0	109.6	154.3	157.7	152.6	176.5	139.1
Banana	111.5	148.4	161.2	173.7	166.8	162.4	166.6	155.8
Tobacco	95.9	107.6	121.5	135.8	127.9	117.3	117.3	117.6
Guar seed	106.6	118.6	92.0	103.8	105.7	158.2	158.2	120.4
Black Pepper	84.0	101.8	83.6	78.5	85.3	53.3	50.3	76.7
Dry Chillies	108.7	105.1	103.5	106.9	108.6	107.2	106.9	106.7
Dry Ginger	97.4	101.6	101.0	139.3	145.0	127.2	129.1	120.1
Turmeric	100.0	103.3	103.3	111.3	125.0	110.7	118.7	110.3
Areca Nut	100.9	100.9	104.3	104.3	121.0	116.3	117.9	109.4
Cardamom	89.0	100.1	97.9	94.6	96.8	100.1	107.7	98.0
Coriander	110.3	113.9	103.3	152.1	160.1	155.8	148.1	134.8
Garlic	123.3	99.9	99.2	120.8	145.4	149.0	143.6	125.9
Tea	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
Coffee	113.2	115.0	116.5	116.6	119.5	121.1	121.1	117.6
Rubber	103.1	107.5	111.4	115.5	119.3	123.0	123.0	114.7
Non-foodgrains	103.2	106.1	104.3	114.0	116.5	116.2	119.3	111.4
All Crops	102.2	103.5	102.1	109.1	110.2	109.0	112.9	107.0

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Table 6.2 All-India Index Number of Production of Principal Crops

Crops	(TE: 2007-08=100)						
	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Rice	102.9	105.6	94.8	102.2	112.1	112.0	113.4
Wheat	105.4	108.2	108.3	116.5	127.2	125.4	128.6
Jowar	104.7	95.7	88.5	92.5	79.0	69.8	71.2
Bajra	114.7	102.2	74.8	119.3	118.2	100.6	105.6
Maize	116.6	121.4	102.9	133.7	133.9	136.9	149.8
Ragi	108.5	102.9	95.2	110.6	97.3	79.4	94.7
Small Millers	110.0	88.8	76.3	88.3	90.2	87.0	90.1
Barley	95.8	135.3	108.5	133.2	129.7	140.4	145.0
Coarse Cereals	112.1	110.0	92.3	118.9	114.8	109.2	117.3
Cereals	105.5	107.4	100.2	111.1	119.1	117.3	120.6
Tur	113.5	83.6	91.0	105.6	98.0	111.6	121.5
Gram	97.5	119.8	126.8	139.5	130.7	149.9	167.6
Moong	127.4	86.6	57.9	150.7	136.8	99.3	125.2
Urad	104.1	83.9	88.3	125.7	126.1	135.5	108.1
Lentil	91.2	107.1	115.9	106.0	118.9	127.4	115.5
Other Pulses	105.9	102.6	87.0	131.1	112.2	112.1	101.6
Total Pulses	105.1	102.0	102.3	129.3	121.3	129.2	135.1
Foodgrains	105.4	106.5	100.6	114.4	119.5	119.4	123.1
Groundnut	125.0	97.6	73.9	112.5	94.8	63.9	131.7
							99.9

(TE: 2007-08=100)

Average Growth during 2007-08 to 2013-14

Castor	112.6	125.2	107.9	144.3	245.3	209.9	180.5	160.8
Niger Seed	97.1	103.7	88.6	95.5	87.0	89.4	78.5	91.4
Sesamum	112.6	95.3	87.5	132.9	120.6	101.9	100.4	107.3
R&M	81.8	100.9	92.6	114.6	92.6	112.5	111.6	100.9
Linseed	97.3	100.8	91.5	87.3	90.8	88.5	84.9	91.6
Safflower	97.1	81.9	77.4	65.1	62.9	46.9	49.3	68.6
Sunflower	106.3	84.1	61.8	47.3	37.5	39.5	39.7	59.5
Soya Bean	117.1	105.8	106.4	136.0	130.4	156.6	128.0	125.8
Total Oilseeds	108.6	100.8	88.9	116.8	106.5	107.4	119.3	106.9
Sugarcane	106.1	86.8	89.0	104.3	110.0	103.9	106.6	101.0
Cotton	115.9	99.7	107.5	147.7	157.6	153.2	164.2	135.1
Jute	100.5	94.7	110.4	98.4	105.6	101.7	108.0	102.8
Mesta	105.5	77.9	62.5	65.1	70.6	62.8	63.8	72.6
Coconut	97.4	97.5	104.0	104.1	143.5	149.9	154.2	121.5
Cottonseed	115.9	99.7	107.5	147.7	157.6	153.2	163.4	135.0
Sunhemp	98.8	143.5	125.6	172.7	132.2	100.7	100.7	124.9
Potato	114.6	138.4	147.2	170.4	166.9	182.5	186.7	158.1
Tapioca	105.6	116.5	97.6	97.8	105.9	87.6	93.7	100.7
Sweet Potato	98.8	117.4	114.8	109.8	112.5	118.7	121.3	113.3
Onion	102.7	152.4	136.6	169.8	196.7	188.9	216.8	166.3
Banana	114.2	169.7	171.3	192.7	184.1	171.5	178.4	168.8
Tobacco	93.0	115.1	141.6	170.6	160.0	139.8	139.8	137.1
Guar Seed	133.6	144.6	44.3	146.8	165.6	183.8	183.8	143.2

(Contd.)

Table 6.2 (Contd.)

Crops	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	Average Growth during 2007-08 to 2013-14
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Black Pepper	67.6	68.0	73.2	74.6	58.9	76.1	64.6	69.0
Dry Chillies	109.5	107.2	101.5	103.2	107.7	110.1	116.1	107.9
Dry Ginger	98.3	97.7	99.0	180.4	194.3	175.5	175.5	145.8
Turmeric	98.0	101.3	97.8	122.4	143.9	119.7	126.9	115.7
Areca Nut	100.0	100.6	100.0	100.0	142.4	127.4	132.0	114.6
Cardamom	85.7	99.1	102.3	102.3	102.3	115.1	134.3	105.9
Coriander	121.2	94.8	92.8	188.7	208.7	205.2	194.2	157.9
Garlic	131.2	102.1	102.4	129.9	150.8	154.6	149.9	131.6
Tea	95.9	98.8	100.7	98.2	99.2	99.2	99.2	98.8
Coffee	95.4	95.5	105.4	108.9	114.3	115.8	115.8	107.3
Rubber	99.8	104.5	100.5	104.2	109.3	110.5	110.5	105.6
Non-foodgrains	108.6	107.6	105.0	128.1	131.3	129.1	136.4	120.9
All Crops	107.0	107.0	102.8	121.1	125.3	124.2	129.7	116.7

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Table 6.3 All-India Index Number of Yield of Principal Crops

Crops	(TE: 2007-08=100)								
	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	Average Growth during 2007-08 to 2013-14	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(9)
Rice	102.6	101.5	99.1	104.4	111.6	114.7	113.0	106.7	106.7
Wheat	103.4	107.2	104.7	110.2	117.2	114.9	113.4	113.4	113.4
Jowar	112.0	105.5	94.3	104.1	105.0	93.2	101.5	102.2	102.2
Bajra	114.5	111.6	80.3	118.6	128.7	131.7	127.9	116.2	116.2
Maize	113.0	116.8	97.9	122.9	119.9	124.2	125.0	117.1	117.1
Ragi	106.9	101.7	102.6	117.5	113.0	96.1	114.1	114.1	114.1
Small Millers	109.9	101.9	95.3	114.6	117.2	119.8	128.3	128.3	128.3
Barley	99.6	120.1	109.0	118.3	126.2	126.5	134.8	134.8	134.8
Coarse Cereals	112.3	112.4	93.8	117.5	119.1	118.6	121.6	113.6	113.6
Cereals	104.5	105.7	100.7	109.1	115.3	115.5	114.5	109.3	109.3
Tur	110.4	89.7	95.1	87.6	88.6	103.8	113.5	98.4	98.4
Gram	94.7	111.1	113.7	111.2	115.3	128.7	120.1	113.5	113.5
Moong	114.3	101.8	63.1	143.6	135.0	122.1	130.3	115.8	115.8
Urad	101.1	97.4	92.4	119.9	121.5	136.5	111.5	111.5	111.5
Lentil	99.6	111.1	111.7	94.7	108.6	127.7	119.1	110.4	110.4
Other Pulses	108.9	111.0	89.5	124.2	119.8	131.7	122.8	115.4	115.4
Total Pulses	102.8	104.9	100.1	111.0	112.8	124.5	119.1	110.8	110.8
Foodgrains	104.2	105.6	100.6	109.5	114.8	117.0	115.3	109.6	109.6

(Contd.)

Table 6.3 (Contd.)

Crops	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	Average Growth during 2007-08 to 2013-14
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Groundnut	123.5	98.4	83.8	119.4	111.9	84.1	148.0	109.9
Castor	108.7	109.8	111.5	124.6	126.7	129.3	137.2	121.1
Niger Seed	102.5	113.5	101.5	110.8	102.7	123.9	121.9	111.0
Sesamum	109.0	91.7	78.5	111.1	110.4	104.1	104.9	101.4
R&M	93.1	106.3	109.9	110.2	104.1	117.3	110.4	107.3
Linseed	93.0	110.4	119.6	108.6	125.8	133.5	132.5	117.6
Safflower	107.3	98.4	95.1	94.5	88.9	90.6	98.1	96.1
Sunflower	118.9	99.2	89.5	108.9	109.7	101.8	123.0	107.3
Soya Bean	109.5	92.4	90.8	117.7	107.2	120.0	87.2	103.5
Total Oilseeds	110.3	99.0	93.8	115.7	109.3	110.1	112.9	107.3
Sugarcane	100.8	94.4	102.4	102.5	104.8	99.8	102.2	101.0
Cotton	111.7	96.2	96.4	119.4	117.5	116.1	127.1	112.1
Jute	97.4	95.1	107.4	100.4	103.0	103.3	110.4	102.4
Mesta	102.5	96.0	94.3	93.8	104.9	104.0	114.3	101.4
Coconut	98.8	98.8	105.8	105.9	133.6	135.3	137.8	116.6
Cottonseed	111.7	96.2	96.4	119.4	117.5	116.1	126.5	112.0
Sunhemp	101.4	113.4	98.6	117.1	137.6	189.3	189.3	135.2
Potato	109.1	112.0	118.7	135.3	129.5	135.5	136.5	125.2
Tapioca	104.5	104.4	105.5	111.0	117.0	106.2	109.8	108.3
Sweet Potato	99.3	100.6	102.7	103.4	108.9	112.8	115.3	106.1

Onion	100.5	125.9	124.6	110.0	124.8	123.8	122.8	118.9
Banana	102.5	114.3	106.3	110.9	110.4	105.6	107.1	108.2
Tobacco	97.0	107.0	116.1	126.1	124.6	119.2	119.2	115.6
Guar Seed	125.3	121.9	48.3	141.4	156.6	116.2	116.2	118.0
Black Pepper	80.4	66.8	87.5	95.1	69.0	142.7	128.3	95.7
Dry Chillies	100.7	101.9	98.1	96.6	99.1	102.7	108.7	108.7
Dry Ginger	101.0	96.2	98.0	129.5	134.1	138.0	136.0	119.0
Turmeric	97.9	98.0	94.7	110.1	115.2	108.2	106.9	104.4
Areca Nut	99.1	99.7	95.8	95.8	117.7	109.5	111.9	104.2
Cardamom	96.3	99.1	104.5	108.1	105.7	115.1	124.7	107.7
Coriander	109.9	83.2	89.8	124.1	130.3	131.7	131.2	114.3
Garlic	106.4	102.2	103.3	107.6	103.7	103.7	104.4	104.5
Tea	97.7	100.6	102.5	100.0	101.1	101.1	101.1	100.6
Coffee	84.3	83.1	90.5	93.4	95.7	95.7	95.7	91.2
Rubber	96.8	97.3	90.2	90.2	91.6	89.9	89.9	92.3
Non-foodgrains	105.2	101.4	100.6	112.3	112.7	111.1	114.3	108.2
All Crops	104.7	103.4	100.6	111.1	113.7	113.9	114.8	108.9

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

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 2012

Country	Area	Production	Yield	Area - '000 Hectares
				Production - '000 Tonnes
				Yield - Kg/Hectare
(1)	(2)	(3)	(4)	(5)
Paddy				
World	162317	738188	4548	100.00
China	30398	205936	6775	27.90
India	42410	157800	3721	21.38
Indonesia	13446	69056	5136	9.35
Bangladesh	11423	50497	4421	6.84
Viet Nam	7753	43662	5631	5.91
Thailand	12279	37469	3051	5.08
Myanmar	8150	28080	3445	3.80
Philippines	4690	18032	3845	2.44
Brazil	2413	11550	4786	1.56
Japan	1581	10654	6739	1.44
Pakistan	2311	9400	4068	1.27
Cambodia	3008	9291	3089	1.26
USA	1084	9051	8349	1.23
Korea, Republic of	849	5934	6988	0.80
Egypt	620	5911	9530	0.80
Nepal	1531	5072	3312	0.69
Nigeria	2685	4833	1800	0.65
Madagascar	1549	4551	2938	0.62
Sri Lanka	990	3846	3885	0.52
Iran	480	2400	5000	0.33
Russian Federation	192	1052	5490	0.14
Wheat				
World	217320	671497	3090	100.00
China	24270	121030	4987	18.02
India	29860	94880	3177	14.13
USA	19798	61677	3115	9.19
France	5303	40301	7599	6.00
Russian Federation	21278	37720	1773	5.62
Australia	13500	29905	2215	4.45
Canada	9497	27205	2865	4.05
Pakistan	8666	23473	2709	3.50
Germany	3061	22432	7328	3.34

(Contd.)

Table 7.1 (*Contd.*)

Country	Area	Production	Yield	Production (%)
(1)	(2)	(3)	(4)	(5)
Turkey	7530	20100	2670	2.99
Ukraine	5630	15763	2800	2.35
Iran	7000	13800	1971	2.06
UK	1992	13261	6657	1.97
Kazakhstan	14411	9841	683	1.47
Egypt	1336	8795	6582	1.31
Poland	2077	8608	4144	1.28
Argentina	3019	8198	2715	1.22
Italy	1880	7767	4132	1.16
Romania	1992	5298	2659	0.79
Spain	1759	4650	2644	0.69
Syrian Arab Republic	1603	3609	2252	0.54
Bangladesh	358	995	2779	0.15
Maize				
World	178552	872792	4888	100.00
USA	35359	273820	7744	31.37
China	35046	205719	5870	23.57
Brazil	14198	71073	5006	8.14
India	8710	22260	2556	2.55
Mexico	6924	22069	3187	2.53
Argentina	3696	21197	5735	2.43
Ukraine	4372	20961	4795	2.40
Indonesia	3958	19387	4899	2.22
France	1719	15614	9085	1.79
Canada	1418	13060	9211	1.50
South Africa	3141	11830	3766	1.36
Russian Federation	1938	8213	4239	0.94
Italy	981	8195	8358	0.94
Egypt	1041	8094	7772	0.93
Philippines	2594	7407	2856	0.85
Romania	2722	5953	2187	0.68
Germany	510	4991	9786	0.57
Hungry	1190	4742	3984	0.54
Pakistan	1085	4631	4268	0.53
Turkey	623	4600	7388	0.53
Serbia	1269	3533	2785	0.40

Sugarcane				
World	26095	1842266	70599	100.00
Brazil	9705	721077	74297	39.14
India	5090	361037	70931	19.60
China	1803	124038	68806	6.73
Thailand	1282	98400	76750	5.34
Pakistan	1046	58397	55829	3.17
Mexico	735	50946	69303	2.77
Colombia	409	33364	81610	1.81
Philippines	433	32000	73852	1.74
USA	365	29236	80057	1.59
Indonesia	410	28700	70000	1.56
Australia	339	25957	76654	1.41
Guatemala	256	23653	92297	1.28
Argentina	360	23000	63889	1.25
Viet Nam	302	19017	63054	1.03
South Africa	320	17278	53994	0.94
Egypt	138	15950	115329	0.87
Cuba	361	14400	39856	0.78
Peru	81	10369	127812	0.56
Ecuador	95	7379	77478	0.40
Venezuela	126	6690	53095	0.36
Bangladesh	108	4603	42770	0.25
Mauritius	54	3947	72910	0.21
Groundnut (in shell)				
World	24591	40475	1646	100.00
China	4719	16857	3572	41.65
India	4770	4695	984	11.60
Nigeria	2420	3071	1269	7.59
USA	651	3058	4699	7.55
Myanmar	880	1372	1559	3.39
Indonesia	560	1251	2236	3.09
Sudan	1620	1032	637	2.55
Brazil	110	811	7344	2.00
Tanzania, United Republic of	840	810	965	2.00
Argentina	307	686	2232	1.69
Senegal	709	673	949	1.66
Cameroon	422	634	1500	1.57
Ghana	345	475	1376	1.17
Viet Nam	220	471	2134	1.16
Chad	410	371	905	0.92

(Contd.)

Table 7.1 (*Contd.*)

Country (1)	Area (2)	Production (3)	Yield (4)	Production (%) (5)
Burkina Faso	398	311	781	0.77
Guinea	218	300	1376	0.74
Uganda	421	295	701	0.73
Malawi	353	268	759	0.66
Mali	344	230	669	0.57
Egypt	62	205	3288	0.51
Thailand	30	46	1523	0.11
Congo, Democratic Republic of	47	32	681	0.08
Japan	7	17	2409	0.04
Tobacco Unmanufactured				
World	4291	7491	1746	100.00
China	1481	3202	2162	42.74
India	495	875	1768	11.68
Brazil	410	811	1976	10.82
USA	136	346	2542	4.62
Indonesia	250	227	908	3.03
Argentina	77	148	1922	1.98
Zimbabwe	93	115	1237	1.54
Pakistan	46	98	2130	1.31
Bangladesh	51	85	1678	1.14
Italy	29	84	2897	1.12
Turkey	108	75	694	1.00
Thailand	32	69	2156	0.92
Zambia	59	62	1042	0.82
Mozambique	54	54	1008	0.73
Philippines	34	48	1413	0.64
Lao People's Democratic Republic	7	41	5821	0.54
Korea Republic	15	36	2483	0.48
Poland	15	35	2356	0.47
Canada	15	35	2300	0.46
Spain	10	33	3287	0.44
Bulgaria	18	28	1546	0.37
Greece	16	24	1529	0.32
Iran, Islamic Republic of	13	21	1680	0.28
Japan	9	20	2189	0.26
France	5	13	2511	0.17

Source: FAOSTAT dated 10 September 2014.

Table 7.2 India's Position in World Agriculture (in 2012)

Item	India	World	% Share	India's Rank	Next to
(1)	(2)	(3)	(4)	(5)	(6)
1. Total Area (Million Hectares)	329	13442	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	159	1411	11.3	Second	USA
2. Total Population* (Million)	1241	6909	18.0	Second	China
Agriculture	661	2617	25.2	Second	China
3. Economically Active Population* (Million)					
Total	491	3282	15.0	Second	China
Agriculture	267	1310	20.4	Second	China
4. Crop Production (Million Tonnes)					
(A) Total Cereals	260	2458	10.6	Third	China, USA
Wheat	86	701	12.3	Second	China
Rice (Paddy)	157	722	21.7	Second	China
Total Pulses	17	67	25.5	First	
(B) Oilseeds					
Groundnut (in shell)	7	38	18.2	Second	China
Rapeseed	8.1	59.0	13.7	Third	Canada, China
5. Fruits & Vegetables (Million Tonnes)					
(A) Vegetables & Melons	105	1090	9.6	Second	China
(B) Fruits excluding Melons	74	637	11.6	Second	China
(C) Potatoes	42	373	11.3	Second	China
(D) Onion (Dry)	15	86	17.4	Second	China

(Contd.)

Table 7.2 (Contd.)

Item	India (2)	World (3)	% Share (4)	India's Rank (5)	Next to (6)
(1)					
6. Commercial Crops (Million Tonnes)					
(A) Sugarcane	342	1800	19.0	Second	Brazil
(B) Tea	0.96	4.7	20.6	Third	China, Turkey
(C) Coffee (green)	0.30	8.45	3.6	Seventh	Brazil, Viet Nam, Colombia, Indonesia, Ethiopia, Mexico
(D) Jute & Jute-like Fibres	1.96	3.58	54.7	First	
(E) Cotton (lint)	8.50	26.14	32.5	Second	China
(F) Tobacco Leaves	0.83	7.37	11.3	Third	China, Brazil
7. Livestock (Million Heads)					
(A) Cattle	210	1430	14.7	Second	Brazil
(B) Buffaloes	111	194	57.3	First	
(C) Camels	0.45	25	1.8	Tenth	Somalia, Sudan, Ethiopia, Niger, Mauritania, Kenya, Mali, Pakistan, Chad
(D) Sheep	74	1078	6.9	Third	China, Australia
(E) Goats	154	910	16.9	Second	China
(F) Chicken	774	19571	4.0	Fifth	China, USA, Indonesia, Brazil
8. Animal Products					
(A) Total Milk ('000 MT)	121847	723143.305	16.8	First	
(B) Eggs Total ('000 MT)	3378.1	69102.734	4.9	Third	China, USA
(C) Total Meat ('000 MT)	6190	295462	2.1	Fifth	China, USA, Brazil, Germany
9. Implements (Thousands Numbers)*					
Agricultural Tractors-in-use	3149	29320	10.7	Second	USA

Source: FAO Statistics.

Note: * Figure relates to 2007.

8

Minimum Support Prices/Marketed Surplus Ratios

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

As on 29 October 2014 Rs per quintal							
S. No.	Commodity	Variety	2010-11	2011-12	2012-13	2013-14	2014-15
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Kharif Crops							
1	Paddy	Common Grade 'A'	1000 1030	1080 1110	1250 1280	1310 1345	1360 1400
2	Jowar	Hybrid Maldandi	880 900	980 1000	1500 1520	1500 1520	1530 1550
3	Bajra		880	980	1175	1250	1250
4	Maize		880	980	1175	1310	1310
5	Ragi		965	1050	1500	1500	1550
6	Arhar (Tur)		3000 [†]	3200 [†]	3850	4300	4350
7	Moong		3170 [†]	3500 [†]	4400	4500	4600
8	Urad		2900 [†]	3300 [†]	4300	4300	4350
9	Cotton	Medium Staple Long Staple	2500 ^a 3000 ^{aa}	2800 ^a 3300 ^{aa}	3600 3900	3700 4000	3750 4050
10	Groundnut in Shell		2300	2700	3700	4000	4000
11	Sunflower Seed		2350	2800	3700	3700	3750
12	Soya Bean	Black Yellow	1400 1440	1650 1690	2200 2240	2500 2560	2500 2560
13	Sesamum		2900	3400	4200	4500	4600
14	Nigerseed		2450	2900	3500	3500	3600

Rabi Crops					
15	Wheat	1120 [§]	1285	1350	1400
16	Barley	780	980	980	1100
17	Gram	2100	2800	3000	3100
18	Masur (Lentil)	2250	2800	2900	2950
19	Rapeseed & Mustard	1850	2500	3000	3050
20	Safflower	1800	2500	2800	3000
21	Toria	1780	2425	2970	3020
Other Crops					
22	Copra (Calendar Year)	4450	4525	5100	5250
	Milling	4700	4775	5350	5500
23	De-husked Coconut (Calendar Year)	1200	1200	1400	1425
24	Jute	1575	1675	2200	2300
25	Sugarcane*	139.12	145.00	170.00	210.00

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: § An additional incentive bonus of Rs 50 per quintal was payable over the Minimum Support Price (MSP).

a Staple length (mm) of 24.5 to 25.5 and Micronaire value of 4.3 to 5.1.

aa Staple length (mm) of 29.5 to 30.5 and Micronaire value of 3.5 to 4.3.

¶ 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.

* Fair and remunerative price.

Table 8.2 Central Issue Prices of Rice, Wheat and Coarse grains

Period	(Rs Per Quintal)			
	APL		BPL	AAAY**
	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 31.03.2000	700	905	350	
01.04.2000 to 24.07.2000	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			
29.01.1999 to 31.03.1999	650			
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 (Rs Per Kg.)				
w.e.f. 16.11.2005	70% of economic cost	50% of economic cost	2.00	
KMS 2008-09	4.50		3.00	1.5
KMS 2009-10	4.50		3.00	1.50
KMS 2010-11	4.50		3.00	1.50

Source: Department of Food & Public Distribution.

Notes: Applicable only to Jammu & Kashmir, Himachal Pradesh, North-East States, Sikkim and Uttarakhand.

** With effect from December, 2000.

Under National food security Act, the foodgrains will be supplied at the following rates:

Rice : Rs 3/- per kg.

Wheat : Rs 2/- per kg.

Coarse grains : Rs 1/- per kg.

Table 8.3 Cost Estimates of Principal Crops for 2011-12

Crop	State	Cost of Cultivation (Rs/Hectare)		Cost of Production (Rs/Quintal)	Yield (Qtl./HA.)
		A2+FL	C2	C2	
(1)	(2)	(3)	(4)	(5)	(6)
I. Cereals					
Paddy	Andhra Pradesh	37946.69	58027.19	976.36	55.56
	Assam	22381.58	28976.32	999.76	26.51
	Bihar	20394.41	27833.63	861.05	27.58
	Chhattisgarh	19621.13	29869.33	930.42	29.91
	Gujarat	28175.81	38578.14	1139.55	26.98
	Haryana	36476.96	56245.80	1250.61	44.14
	Himachal Pradesh	13931.92	20986.33	662.32	21.38
	Jharkhand	18824.68	24933.00	1326.58	14.67
	Karnataka	39193.47	54810.01	966.14	50.50
	Kerala	38557.18	52973.11	1120.82	43.36
	Madhya Pradesh	18287.82	29135.18	960.34	27.46
	Maharashtra	35253.19	45336.75	1167.35	32.61
	Odisha	27243.15	35972.50	1221.44	26.08
	Punjab	31248.72	53813.93	904.3	58.57
	Tamil Nadu	46453.56	59767.05	1111.9	50.16
	Uttar Pradesh	28147.45	40146.68	957.83	39.47
	Uttarakhand	28383.31	39556.20	1056.26	35.59
	West Bengal	37959.78	49142.99	1085.76	39.05
Wheat	Bihar	18899.03	26450.78	801.37	24.11
	Chhattisgarh	15504.71	23111.12	1204.03	17.14
	Gujarat	23622.92	33841.28	883.2	35.49
	Haryana	27745.15	51170.51	850.66	50.78
	Himachal Pradesh	13822.68	21772.14	1218.91	12.62
	Jharkhand	19058.10	24862.35	850.86	23.81
	Madhya Pradesh	17871.12	33396.15	851.95	33.6
	Maharashtra	30575.75	42251.04	1298.98	31.42
	Punjab	25711.09	49298.84	888.55	49.51
	Rajasthan	26920.58	40286.20	825.94	41.34
Maize	Uttar Pradesh	26001.27	42383.57	930.55	37.52
	Uttarakhand	21953.30	34095.74	1042.45	26.48
	West Bengal	31538.99	40578.49	1326	28.33
	Andhra Pradesh	27975.52	44038.14	891.54	47.28
	Bihar	20352.35	27640.99	754.13	30.8
	Chhattisgarh	8200.58	11631.29	861.03	12.67

(Contd.)

Table 8.3 (*Contd.*)

Crop	State	Cost of Cultivation (Rs/Hectare)		Cost of Production (Rs/Quintal)	Yield (Qtl./HA.)
		A2+FL	C2	C2	
(1)	(2)	(3)	(4)	(5)	(6)
Jowar	Gujarat	22276.80	26660.58	1708.26	10.77
	Himachal Pradesh	14665.17	20948.09	1082.86	13.93
	Karnataka	24790.33	36272.45	901.33	37.46
	Madhya Pradesh	15533.89	23063.61	834.43	23.83
	Rajasthan	22231.04	27539.49	1137.58	18.36
	Tamil Nadu	42503.10	57022.85	916.23	60.42
	Uttar Pradesh	18127.16	26461.18	1256.93	17.49
	Andhra Pradesh	19181.02	28665.36	1638.48	14.77
	Karnataka	13734.25	21045.98	1778.27	10.29
	Madhya Pradesh	11522.38	16106.85	1008.03	12.84
Bajra	Maharashtra	24150.05	34744.47	1523.81	15.92
	Tamil Nadu	14766.40	20393.59	1559.86	6.53
	Gujarat	23407.54	31002.92	884.33	24.49
	Haryana	17406.95	24889.90	1121.74	18.68
	Karnataka	11306.51	14446.99	1427.29	8.72
	Maharashtra	22137.61	28666.81	1187.38	18.8
	Rajasthan	13117.38	16867.91	931.01	11.3
	Tamil Nadu	16630.89	22396.32	1103.83	19.26
	Uttar Pradesh	14301.85	21266.84	868.86	19.09
	Rajasthan	27909.89	40952.37	995.26	34.15
Barley	Uttar Pradesh	22253.73	35255.50	827.36	33.92
	Andhra Pradesh	27203.51	35565.99	2351.48	14.54
Ragi	Karnataka	27046.88	33156.65	1739.42	15.59
	Maharashtra	19647.60	25721.43	1147.62	21.55
	Tamil Nadu	17866.13	23225.58	1856.84	12.00
	Uttarakhand	38804.43	45008.78	1691.36	24.19
	II. Pulses				
Arhar	Andhra Pradesh	20210.01	33439.35	3184.5	9.59
	Bihar	4210.79	11080.28	1758.77	5.50
	Gujarat	20850.78	27780.68	3095.78	8.14
	Karnataka	11185.71	19993.36	2426.42	7.65
	Madhya Pradesh	16067.60	26052.49	2642.58	9.55
	Maharashtra	32482.97	46445.03	3138.74	14.15
	Odisha	10553.82	15169.22	4029.58	3.61
	Uttar Pradesh	16492.08	30354.34	2945.32	9.14
Gram	Andhra Pradesh	16976.79	28608.56	3727.88	7.44
	Bihar	11305.68	19622.81	2124.75	8.72

	Chhattisgarh	13358.53	21487.06	2232.48	9.23
	Haryana	11304.15	20674.15	3472.35	5.65
	Karnataka	14040.09	21794.57	2684.00	7.95
	Madhya Pradesh	16280.13	29948.11	2434.90	11.83
	Maharashtra	21775.53	31554.14	2892.72	10.70
	Rajasthan	14068.57	22226.27	2600.39	8.00
	Uttar Pradesh	18846.89	30746.91	2452.04	12.09
Urad	Andhra Pradesh	20139.15	33307.67	2754.28	12.03
	Chhattisgarh	9618.98	15290.73	1678.67	8.79
	Madhya Pradesh	11902.37	18349.33	2255.19	7.78
	Maharashtra	22983.23	28116.51	6066.34	4.55
	Odisha	9184.45	12802.24	3659.91	3.35
	Rajasthan	13985.87	18608.08	3483.83	4.84
	Tamil Nadu	15403.01	21682.35	3626.45	5.85
	Uttar Pradesh	11292.61	15945.79	4730.07	3.21
Moong	Andhra Pradesh	10692.69	20669.87	2855.81	7.22
	Karnataka	9914.17	14007.79	4101.71	3.30
	Maharashtra	20853.94	26008.25	5072.10	5.05
	Odisha	9285.83	13352.63	4008.04	3.20
	Rajasthan	13622.11	17243.80	3598.21	4.41
	Tamil Nadu	12475.91	16464.64	3544.77	4.58
Lentil	Bihar	10015.72	18467.14	2107.36	8.15
	Madhya Pradesh	11534.57	19536.46	2110.58	8.82
	Uttar Pradesh	12677.73	23152.94	2492.13	8.99
	West Bengal	16743.45	23893.45	3009.87	7.70
III. Oilseeds					
Groundnut	Andhra Pradesh	40676.21	65632.13	3714.44	16.99
	Gujarat	32905.07	42836.57	2916.12	11.95
	Karnataka	26873.17	35575.79	4429.03	7.09
	Maharashtra	44078.89	55664.05	4094.39	13.04
	Odisha	24690.91	38824.34	2869.91	13.17
	Tamil Nadu	37888.68	47915.18	3270.77	13.59
R&M	Assam	16859.93	22174.72	2655.96	8.35
	Bihar	17430.04	25444.57	2416.98	9.90
	Gujarat	17923.91	30804.92	1779.16	17.07
	Haryana	18439.97	41935.26	2045.90	18.93
	Madhya Pradesh	15084.43	28892.26	1960.58	14.07
	Rajasthan	16846.85	28041.38	2238.94	11.82
	Uttar Pradesh	17560.20	31252.97	2694.20	11.08
	West Bengal	21378.52	30890.25	2690.99	11.21

(Contd.)

Table 8.3 (*Contd.*)

Crop	State	Cost of Cultivation (Rs/Hectare)		Cost of Production (Rs/Quintal)	Yield (Qtl./HA.)
		A2+FL	C2	C2	
(1)	(2)	(3)	(4)	(5)	(6)
Soya Bean	Chhattisgarh	10691.10	16712.54	1887.56	8.39
	Madhya Pradesh	14736.24	22561.37	1687.92	12.60
	Maharashtra	22975.57	30808.81	1971.27	15.21
	Rajasthan	12547.89	19594.75	1265.82	14.58
Sunflower	Andhra Pradesh	23313.56	34107.37	3074.42	11.07
	Karnataka	11888.86	16159.66	3095.85	5.15
	Maharashtra	20167.47	27824.52	2738.96	9.82
Safflower	Maharashtra	15176.87	21108.12	2073.49	10.00
Niger Seed	Odisha	10619.86	13951.74	3028.76	4.54
Sesamum	Andhra Pradesh	11394.70	16804.20	4978.74	3.37
	Gujarat	19794.46	25854.44	4737.65	5.36
	Madhya Pradesh	13354.15	20202.67	4143.52	4.73
	Odisha	8719.60	12512.74	4479.63	2.72
	Rajasthan	10186.75	14447.06	5447.82	2.54
	Tamil Nadu	20940.59	30069.76	4002.39	7.49
	West Bengal	21367.08	28107.52	2917.06	9.37
Peas	Uttar Pradesh	19403.24	30559.50	1791.66	16.06
Sugarcane	Andhra Pradesh	78442.10	124488.90	183.49	676.78
	Haryana	58470.92	111564.20	163.39	654.52
	Karnataka	59069.94	94585.62	122.96	753.51
	Maharashtra	102289.82	146726.70	138.64	1008.55
	Tamil Nadu	105074.87	133840.60	128.45	1027.8
	Uttar Pradesh	43129.23	78549.41	141.13	529.05
	Uttarakhand	41159.76	67191.63	\$ 146.20	441.05
Cotton	Andhra Pradesh	38772.50	61634.00	3557.48	17.32
	Gujarat	41468.38	58037.88	3267.52	17.48
	Haryana	38803.42	62329.97	3229.48	18.64
	Karnataka	29807.88	44735.12	2970.98	14.75
	Madhya Pradesh	22993.93	41861.39	2459.30	16.34
	Maharashtra	45743.38	61907.49	3985.05	15.34
	Odisha	30855.49	43434.33	3378.00	12.58
	Punjab	41380.69	66697.56	3759.44	16.90
	Rajasthan	35821.17	54296.25	2413.33	21.51
	Tamil Nadu	47880.76	61318.90	4219.21	14.41
Jute	Assam	37118.76	47558.94	2011.34	22.35
	Odisha	39329.14	50522.69	2285.25	20.36
	West Bengal	40122.51	54085.15	1973.31	23.92

Onion	Andhra Pradesh	58233.64	93640.80	636.02	146.88
	Gujarat	61843.81	71650.55	461.90	154.63
	Karnataka	17407.84	24329.46	654.41	36.31
	Maharashtra	70761.25	91827.13	353.11	255.48
Potato	Bihar	45925.51	52992.70	320.15	165.52
	Himachal Pradesh	32457.54	48768.38	677.46	71.99
	Uttar Pradesh	47551.69	64763.47	435.92	148.57
	West Bengal	79585.02	108621.30	423.77	256.32

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

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				
		2008-09	2009-10	2010-11	2011-12	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)
I. Cereals						
1. Rice	Andhra Pradesh	81.63	88.40	91.06	83.07	87.86
	Assam	28.81	45.14	38.54	40.16	50.91
	Bihar	76.27	83.57	77.50	78.90	82.49
	Haryana	99.91	94.63	97.09	98.57	93.47
	Karnataka	86.32	91.45	94.56	84.02	84.15
	Kerala	57.13	86.97	87.80	77.30	86.15
	Madhya Pradesh	74.90	73.12	73.77	83.99	87.91
	Odisha	61.90	65.33	67.43	59.34	73.96
	Punjab	99.24	99.57	99.70	99.36	99.48
	Tamil Nadu	84.86	88.76	90.70	92.45	91.08
2. Wheat	Uttar Pradesh	22.33	75.62	76.20	80.18	83.11
	West Bengal	57.61	67.33	67.72	54.73	67.48
	All India	66.78	79.74	80.65	77.20	81.51
	Bihar	65.90	70.20	74.58	78.03	81.30
	Gujarat	83.86	88.90	87.77	80.44	84.24
	Haryana	81.11	88.43	83.54	80.81	83.98
	Himachal Pradesh	41.18	46.09	39.48	48.68	58.30
	Madhya Pradesh	61.24	83.87	73.77	84.01	80.55
	Punjab	84.79	86.65	86.74	87.36	87.83

	Rajasthan	53.30	66.98	44.41	56.00	67.76
	Uttar Pradesh	66.15	55.46	66.99	52.32	70.15
	All India	70.87	72.32	73.20	70.00	77.49
3. Maize	Andhra Pradesh	97.58	99.63	90.81	96.01	90.71
	Bihar	87.70	81.77	87.19	81.32	89.77
	Himachal Pradesh	61.95	57.35	48.19	55.24	55.85
	Karnataka	93.57	96.30	98.26	88.62	96.12
	Madhya Pradesh	69.68	59.86	77.02	88.45	92.58
	Rajasthan	70.89	74.83	67.77	54.66	50.00
	Uttar Pradesh	70.99	87.44	83.28	80.09	68.80
	All India	85.52	86.75	86.00	83.32	84.32
4. Jowar	Andhra Pradesh	39.46	56.43	31.61	65.49	51.18
	Karnataka	47.98	94.58	76.88	46.37	58.52
	Madhya Pradesh	64.83	79.42	68.39	73.44	89.32
	Maharashtra	59.01	51.35	56.87	48.06	60.98
	Rajasthan	45.66	87.99	64.86	66.17	76.42
	All India	54.60	65.00	62.03	53.46	64.14
5. Bajra	Gujarat	75.10	77.30	84.00	72.50	86.35
	Haryana	82.20	91.04	80.93	83.77	91.71
	Maharashtra	58.85	38.92	75.56	53.52	55.09
	Rajasthan	42.90	62.34	53.03	58.66	61.90
	Uttar Pradesh	73.17	80.97	81.60	81.67	83.79
	All India	57.78	70.25	67.38	67.48	76.77

(Contd.)

Table 8.4 (Contd.)

Group of Crops	State	MSR				
		2008-09	2009-10	2010-11	2011-12	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)
6. Barley	Rajasthan	62.13	83.81	86.08	79.25	85.00
	Uttar Pradesh	27.48	40.68	38.72	21.74	33.71
	All India	51.75	67.91	73.81	59.78	67.39
7. Ragi	Andhra Pradesh	-	-	-	-	-
	Karnataka	20.11	37.18	25.73	53.25	29.53
	All India	20.11	37.18	25.73	53.25	29.53
II. Pulses						
8. Arhar	Karnataka	76.90	89.67	87.15	89.16	96.34
	Madhya Pradesh	84.71	87.89	78.49	89.34	94.07
	Maharashtra	72.27	79.42	69.48	72.72	83.30
	Odisha	63.41	64.78	65.86	61.37	74.58
	Uttar Pradesh	76.94	34.29	65.40	95.10	67.24
	All India	75.40	76.54	73.82	81.45	84.33
9. Gram	Bihar	79.47	69.98	77.27	56.93	68.06
	Madhya Pradesh	78.12	98.64	92.92	88.75	89.04
	Rajasthan	72.31	70.61	86.46	88.62	80.23
	Uttar Pradesh	57.17	82.46	56.83	66.38	61.91
	All India	74.15	89.50	86.68	85.25	83.67
10. Urad	Andhra Pradesh	34.70	49.23	52.66	29.64	92.91
	Madhya Pradesh	95.07	88.39	89.79	88.43	98.05
	Maharashtra	10.20	27.14	7.03	70.97	-

	Odisha	68.74	73.03	76.04	64.36	70.55
	Rajasthan	69.64	86.45	73.96	87.82	78.55
	Tamil Nadu	99.75	99.08	99.49	98.55	89.34
	Uttar Pradesh	65.17	86.45	89.43	82.43	83.44
	All India	60.78	70.37	63.61	70.04	77.76
11. Moong	Andhra Pradesh	80.15	87.89	96.20	88.08	93.54
	Maharashtra	95.59	91.69	87.55	81.29	85.26
	Odisha	61.50	61.96	69.60	65.59	73.88
	Rajasthan	82.92	81.28	76.16	91.59	83.57
	All India	82.48	82.49	81.54	87.32	85.55
12. Lentil	Bihar	59.53	70.52	60.86	71.09	67.49
	Madhya Pradesh	86.79	93.57	98.27	89.55	96.00
	Uttar Pradesh	69.42	73.80	78.01	93.29	92.11
	All India	73.38	79.43	77.91	88.14	88.75
III. Oilseeds						
13. Groundnut	Andhra Pradesh	93.17	93.58	96.82	79.24	94.40
	Gujarat	94.49	97.52	95.91	95.97	99.81
	Karnataka	89.72	85.88	92.70	95.36	84.81
	Maharashtra	59.48	62.30	54.75	58.79	75.71
	Tamil Nadu	94.86	99.42	98.49	95.14	97.14
	All India	91.76	92.90	93.36	90.78	93.54
14. Rapeseed & Mustard	Gujarat	89.01	91.27	96.07	98.87	95.40
	Haryana	92.41	94.77	99.44	79.48	93.64
	Madhya Pradesh	92.78	97.38	82.03	89.51	97.49

(Contd.)

Table 8.4 (Contd.)

Group of Crops	State	MSR				
		2008-09	2009-10	2010-11	2011-12	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	Rajasthan	91.24	86.51	77.12	87.54	94.60
	Uttar Pradesh	80.58	79.97	80.31	53.47	68.49
	West Bengal	79.96	65.85	87.40	67.71	71.26
	All India	89.37	87.21	82.14	82.08	90.41
15. Soya Bean	Madhya Pradesh	91.39	95.87	95.69	94.41	95.32
	Maharashtra	47.28	80.12	-	-	-
	All India	77.26	91.84	95.69	94.41	95.32
16. Sunflower	Andhra Pradesh	-	100.00	100.00	-	100.00
	Karnataka	98.94	99.03	99.12	100.00	98.76
	Maharashtra	94.25	100.00	100.00	91.23	100.00
	All India	65.18	99.57	99.58	65.62	99.18
17. Sesamum	Gujarat	98.42	98.28	99.33	99.51	99.04
	Madhya Pradesh	99.18	90.49	92.75	92.93	96.77
	Odisha	56.56	70.95	70.90	89.91	-
	Rajasthan	67.82	98.16	68.49	88.02	80.06
	All India	83.66	94.73	83.18	92.79	89.00
18. Safflower	Karnataka	72.65	73.11	55.12	-	-
	Maharashtra	-	-	-	-	-
	All India	72.65	73.11	55.12	-	-
19. Niger Seed	Madhya Pradesh	98.04	91.77	60.61	-	-
	Odisha	92.00	86.13	97.33	94.67	97.67
	All India	94.51	88.60	83.66	94.67	97.67

IV. Other Commercial Crops

20. Sugarcane	Andhra Pradesh	-	99.91	99.92	-	99.91
	Haryana	-	-	-	100.00	100.00
	Karnataka	100.00	100.00	100.00	100.00	98.80
	Uttar Pradesh	-	85.71	85.71	85.71	85.71
	All India	100.00	100.00	78.90	78.02	77.84
21. Cotton	Gujarat	99.53	98.57	99.88	99.33	99.68
	Haryana	89.21	86.74	99.40	96.88	99.05
	Karnataka	99.44	97.64	99.03	99.10	97.74
	Madhya Pradesh	99.46	99.82	100.00	100.00	99.96
	Rajasthan	97.97	79.12	100.00	89.56	99.01
	All India	97.72	95.37	99.79	98.36	99.41
22. Jute	West Bengal	85.72	91.46	99.43	83.50	100.00
All India		85.72	57.63	99.43	83.50	100.00
V. Vegetables						
23. Onion	Karnataka	98.17	99.66	97.25	75.36	99.23
	All India	98.17	99.66	97.25	75.36	99.23
24. Potato	Bihar	56.95	67.68	82.15	87.21	87.25
	Uttar Pradesh	79.62	86.95	83.66	77.37	95.93
	West Bengal	96.29	71.67	76.69	71.86	73.41
	All India	81.60	76.34	81.04	77.40	86.17

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes: All India figures are weighted average of states listed above.

(-) represents "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	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)
Rice (Oct-Sept)												
Punjab	8662	9106	8855	7829	7981	8554	9275	8634	7731	8558	8106	
Haryana	1334	1662	2054	1777	1574	1425	1819	1687	2007	2609	2405	
Uttar Pradesh	2554	2971	3151	2559	2891	4008	2901	2554	3355	2286	1127	
Andhra Pradesh	4230	3906	4971	5328	7597	9058	7555	9609	7540	6464	3647	
Telangana											4130	
Madhya Pradesh	112	42	136	74	69	247	255	516	635	898	1044	
Odisha	1373	1590	1785	2002	2357	2801	2497	2465	2864	3613	2819	
Tamil Nadu	207	652	926	1077	969	1201	1241	1543	1596	481	617	
West Bengal	925	944	1275	642	1429	1743	1240	1310	2036	1766	1087	
Chhattisgarh	2374	2837	3265	2865	2743	2848	3357	3746	4115	4804	4289	
Uttarakhand	323	316	336	176	147	349	375	422	378	497	463	
Others	734	658	902	778	979	1870	1519	1712	2769	2044	5495	
All India	22828	24684	27656	25107	28736	34104	32034	34198	35026	34020	31095	
Wheat (April-March)**												
Punjab	8938	9240	9010	6946	6781	9941	10725	10209	10958	12834	10897	11641
Uttar Pradesh	1213	1741	560	49	546	3137	3882	1645	3461	5063	682	628
Haryana	5122	5115	4529	2229	3350	5237	6924	6347	6928	8665	5873	6495
Rajasthan	259	279	159	2	383	935	1152	476	1303	1964	1268	2158

(Contd.)

Table 9.1 (Contd.)

State	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)
Chhattisgarh	Neg.	Neg.	-	-	-	-	-	-	-	-	-	-
Uttarakhand	67	54	41	Neg.	2	85	145	86	42	139	5	1
Sub-total	15599	16429	14299	9226	11062	19335	22828	18763	22692	28665	18726	20924
Bihar	1	15	1	-	8	500	497	183	557	772	0	0
Chandigarh	Neg.	-	-	-	-	10	12	9	7	17	8	4
Delhi	12	2	3	-	1	6	-	10	8	31	Neg.	0
Gujarat	-	-	-	-	-	415	75	1	105	156	0	0
Himachal Pradesh	1	Neg.	Neg.	-	-	Neg.	1	1	1	1	Neg.	Neg.
Jammu & Kashmir	-	Neg.	Neg.	-	-	1	1	-	-	9	0	0
Madhya Pradesh	188	349	484	Neg.	57	2410	1968	3538	4965	8493	6355	7094
Maharashtra	-	-	-	-	-	10	-	-	-	2	0	0
Jharkhand	-	-	-	-	-	2	Neg.	Neg.	-	-	0	0
West Bengal								9	-	2	2	0
Sub-total	202	366	488	0	66	3354	2554	3751	5643	9483	6365	7098
All India	15801	16795	14787	9226	11128	22689	25382	22514	28335	38148	25092	28022

Source: Department of Food and Public Distribution.

Notes: * Position upto 23 July 2014 ** Position upto 16 July 2014 for RMS 2014-15.

Neg: Below 500 tonnes.

Table 9.1(b) State-wise Procurement of Coarse Grains in Major Producing States

State	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15*
(1)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Andhra Pradesh	223.22	593.89	0.00	61.12	176.53	6.87	0.00	0.00	0.00	258.58	27.92
Telangana	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	288.90
Chhattisgarh	10.89	8.74	0.00	2.34	8.81	1.04	2.61	1.00	0.00	1.20	2.59
Gujarat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Haryana	130.12	4.90	0.00	123.64	310.48	77.00	73.65	17.00	0.00	0.00	0.00
Karnataka	429.07	446.00	0.00	13.95	712.38	315.56	39.94	1.00	0.00	654.81	728.60
Madhya Pradesh	2.04	3.01	0.00	0.75	59.91	0.29	8.91	17.00	7.97	86.05	86.58
Maharashtra	31.50	96.97	0.20	1.76	107.02	6.07	2.70	Neg	63.85	93.40	95.64
Punjab	0.23	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	0.00	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	0.72
Total	827.07	1153.50	0.20	203.56	1375.12	406.83	127.83	36.00	71.83	1093.956	1230.945

Source: Department of Food and Public Distribution.

Notes: * As of September 2014.

Neg: 500 tonnes.

Table 9.2(a) State-wise Cotton Purchases by Cotton Corporation of India from 2009-10 to 2013-14

States	2009-10			2010-11			2011-12			2012-13			2013-14		
	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)
Punjab	86.60	9.73	96.33	0.00	100.78	100.78	0.00	11.76	11.76	0.00	18.44	18.44	0.00	70.27	70.27
Haryana	21.76	10.01	31.77	0.00	72.60	72.60	0.00	0.00	0.00	0.00	6.82	6.82	0.00	11.84	11.84
Rajasthan	4.50	24.40	28.89	0.00	97.63	97.63	0.00	4.88	4.88	0.00	20.80	20.80	0.00	16.69	16.69
Gujarat	0.16	22.91	23.07	0.00	234.41	234.41	0.00	217.44	217.44	0.00	1.85	1.85	0.00	75.48	75.48
Maharashtra	0.51	104.06	104.57	0.00	427.38	427.38	0.00	55.00	55.00	41.55	0.00	41.55	0.00	85.74	85.74
Madhya Pradesh	0.00	5.22	5.22	0.00	51.85	51.85	0.01	0.88	0.89	3.55	0.05	3.61	0.00	0.20	0.20
Andhra Pradesh	445.59	0.00	445.59	0.00	341.41	341.41	7.57	41.74	49.31	2148.71	0.00	2148.71	40.81	130.39	171.20
Karnataka	4.76	2.45	7.21	0.00	21.33	21.33	0.00	3.96	3.96	16.36	0.00	16.36	0.00	6.69	6.69
Tamil Nadu	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	0.14	0.00	0.14	0.15	0.00	0.15	0.12	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00
Odisha	16.58	0.00	16.58	0.00	18.60	18.60	0.00	4.96	4.96	49.17	0.00	49.17	0.00	4.58	4.58
Total	580.60	178.78	759.38	0.15	1365.99	1366.14	7.70	340.61	348.31	2259.35	47.96	2307.31	40.81	401.88	442.69

Source: Cotton Corporation of India Ltd., Navi Mumbai.

Note: * As on 28 May 2014.

Table 9.2(b) Procurement of Cotton by NAFED from 2009-10 to 2013-14

States	2009-10		2010-11		2011-12		2012-13		2013-14*	
	MSP	Commercial	MSP	Commercial	MSP	Commercial	MSP	Commercial	MSP	Commercial
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Maharashtra	2.86	0.00	0.00	0.00	0.00	0.00	2.44	0.00	0.00	0.00
Gujarat	0.00	2.39	0.00	1.67	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	294.53	0.00	0.00	0.00
Total	2.86	2.39	0.00	1.67	0.00	0.00	296.97	0.00	0.00	0.00

Source: NAFED, New Delhi.

Note: * As on 28 May 2014.

Table 9.3 State-wise Procurement of Raw Jute

State	2009-10 (Commercial)			2010-11 (Commercial)			2011-12 (MSP)			2011-12 (Commercial)		
	Cooperative		Total	Cooperative		Total	Cooperative		Total	Cooperative		Total
	JCI	(3)	(4)	JCI	(5)	(6)	JCI	(8)	(9)	JCI	(11)	(13)
(1)	(2)											
West Bengal	0.01	0.00	0.01	0.21	0.00	0.21	0.84	0.04	0.88	0.2	0.00	0.2
Bihar	0.00	0.00	0.00	0.02	0.00	0.02	0.16	0.05	0.21	0.1	0.00	0.1
Assam	0.00	0.00	0.00	0.11	0.00	0.11	0.18	0.00	0.18	0.0	0.00	0.0
Odisha	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.0	0.00	0.0
Andhra Pradesh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.0
Tripura	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.0	0.00	0.0
Total	0.01	0.00	0.01	0.34	0.00	0.34	1.20	0.09	1.28	0.3	0.00	0.3

(Contd.)

State	2012-13 (MSP)			2012-13 (Commercial)			2013-14 (MSP)			2013-14 (Commercial)		
	Cooperative		Total	Cooperative		Total	Cooperative		Total	Cooperative		Total
	JCI	(15)	(16)	JCI	(17)	(18)	JCI	(20)	(21)	JCI	(23)	(25)
(1)	(14)											
West Bengal	2.12	0.25	2.37	0.34	0.00	0.34	0.50	0.00	0.50	0.39	0.00	0.39
Bihar	0.33	0.00	0.33	0.08	0.00	0.08	0.20	0.00	0.20	0.13	0.00	0.13
Assam	0.41	0.00	0.41	0.03	0.00	0.03	0.66	0.00	0.66	0.00	0.00	0.00
Odisha	0.03	0.00	0.03	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00
Andhra Pradesh	0.06	0.00	0.06	0.00	0.00	0.00	0.01	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	2.94	0.25	3.20	0.44	0.00	0.44	1.38	0.00	1.38	0.52	0.00	0.52

Source: Jute Corporation of India Ltd., Ministry of Textile, Government of India.

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

S. No.	Commodity Year	Support Price in Rs per Qtl for Faq	Quantity procured in MTs	Value Rs Lakh	Major States of Procurement
(1)	(2)	(3)	(4)	(5)	(6)
1.	Soya Bean				
	2008-09	1390	NIL	NIL	
	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	
2.	Groundnut				
	2008-09	2100	40	9	
	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	343381	137352.40	Rajasthan, Gujarat, Andhra Pradesh, Karnataka, Uttar Pradesh, Maharashtra
3.	Safflower seed				
	2008-09	1650	NIL	NIL	
	2009-10	1650	NIL	NIL	
	2010-11	1680	NIL	NIL	
	2011-12	1800	NIL	NIL	
	2012-13	2500	NIL	NIL	
	2013-14	2800	NIL	NIL	
4.	Mustard seed				
	2008-09	1800	NIL	NIL	
	2009-10	1830	NIL	NIL	
	2010-11	1830	NIL	NIL	
	2011-12	1850	NIL	NIL	
	2012-13	2500	NIL	NIL	
	2013-14	3000	NIL	NIL	
5.	Sunflower seed				
	2008-09	2215	10335	2401.37	Karnataka, Maharashtra, Andhra Pradesh
	2009-10	2215	3381	849	Maharashtra, Karnataka, Haryana, Andhra Pradesh
	2010-11	2350	845	199.27	Haryana, Odisha

(Contd.)

Table 9.4 (Contd.)

S. No.	Commodity Year	Support Price in Rs per Qtl for Faq	Quantity procured in MTs	Value Rs Lakh	Major States of Procurement
(1)	(2)	(3)	(4)	(5)	(6)
	2011-12	2800	NIL		
	2012-13	3700	1529	565.73	Karnataka
	2013-14	3700	4383	1621.71	Odisha, Karnataka, Andhra Pradesh
6.	Copra				
	2008-09	3660 (Milling) 3910 (Ball)	490 174	214.60 71.56	Kerala, Andaman & Nicobar Islands Karnataka
	2009-10	4450 (Milling) 4700 (Ball) 3900 (Spl.)	61281 1250 2666	28948.39 621.32 1099.17	Kerala, Tamil Nadu, Andaman & Nicobar Islands, Lakshadweep Karnataka Andhra Pradesh
	2010-11	4450 (Milling) 4700 (Ball)	30600 895	14531.76 444.87	Kerala, Karnataka, Tamil Nadu, Lakshadweep Karnataka
	2011-12	4525 (Milling) 4775 (Ball)	343 NIL	182.76 NIL	Andaman & Nicobar Islands
	2012-13	5100 (Milling) 5350 (Ball) 4335 (Spl.)	66453 9230 49	33891.03 4938.04 21.44	Tamil Nadu, Lakshadweep, Kerala, Andhra Pradesh, Andaman & Nicobar Islands Karnataka and Kerala Andhra Pradesh
	2013-14	5250 (Milling) 5500 (Ball)	4431 29535	2326.28 16244.25	Tamil Nadu, Lakshadweep, Kerala, Andhra Pradesh, Andaman & Nicobar Islands Karnataka
7.	Sesamum				
	2008-09	2750	NIL	NIL	
	2009-10	2850	NIL	NIL	
	2010-11	2850	1885	561	West Bengal
	2011-12	3400	NIL	NIL	
	2012-13	4200	NIL	NIL	
	2013-14	4500	NIL	NIL	

Source: NAFED, New Delhi.

Note: * Purchased at MSP of 2012-13 (Rs 3700) for the year 2013-14.

Table 9.5 Procurement of Onion by NAFED under Market Intervention Scheme

Year	Price (Rs per Quintal)	Quantity Procured (Tonnes)	Value (Rs Lakh)	Major State(s) of Procurement
(1)	(2)	(3)	(4)	(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	

Source: NAFED, New Delhi.

10

Per Capita Net Availability

Table 10.1 Per Capita Net Availability of Foodgrains (per Annum) in India

As on 6 March 2014 (Kg per year)							
Year	Rice	Wheat	Other Cereals	Cereals	Gram	Pulses	Foodgrains
(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	57.7	21.9	149.1	4.9	15.2	164.2
2013(P)	84.8	66.9	19.4	171.2	5.6	15.3	186.4

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

(Contd.)

Table 10.1 (*Contd.*)

Notes: 1. The net availability of foodgrains is estimated to be Gross Production (-) seed, feed and wastage, (-) exports (+) imports, (+/-) change in stocks.

2. 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.

3. 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.

4. For calculation of per capita net availability the figures of net imports from 1981 to 1994 are based on imports and exports on Government of India account only. Net imports from 1995 onwards are the total exports and imports (on Government as well as private accounts).

5. Foodgrains include rice, wheat, other cereals and all pulses.

6. P Provisional.

Table 10.2 Per Capita Net Availability of Foodgrains (per day) in India

As on 6 March 2014

(Grams per day)

Year	Rice	Wheat	Other Cereals	Cereals	Gram	Pulses	Foodgrains
(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 (P)	232.4	183.3	53.2	468.9	15.3	41.9	510.8

Source: Directorate of Economics and Statistics, DAC.

(Contd.)

Table 10.2 (*Contd.*)

Notes: 1. The net availability of foodgrains is estimated to be Gross Production (-) seed, feed and wastage, (-) exports (+) imports, (+/-) change in stocks.

2. 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.

3. 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.

4. 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.

5. For calculation of per capita net availability the figures of net imports from 1981.

6. Net imports from 1995 onwards are the total exports and imports (on government as well as private accounts)

7. Cereals includes rice, wheat and other cereals.

8. Foodgrains include rice, wheat, other cereals and all pulses.

9. 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	Cotton ^c	Cloth (metres) ^d Man-made	Total	Tea (gm)	Coffee ^f (gm)
(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
1970-71	3.5	1.0	7.4	13.6	2.0	15.6	401	65
1971-72	3.0	1.1	6.8	12.4	2.2	14.6	426	65
1972-73	2.4	1.0	6.2	13.2	2.0	15.2	458	69
1973-74	3.4	0.8	6.1	12.0	1.9	13.9	492	64
1974-75	3.3	0.6	5.8	12.9	1.7	14.6	471	62
1975-76	3.5	0.8	6.1	12.6	2.0	14.6	446	62
1976-77	3.2	0.9	6.0	11.4	2.4	13.8	450	71
1977-78	3.8	0.9	7.2	9.5	4.0	13.5	516	73
1978-79	3.8	1.0	9.6	10.2	4.8	15.0	599	77
1979-80	3.7	1.0	7.8	10.1	4.6	14.7	521	73
1980-81	3.8	1.2	7.3	12.9	4.4	17.3	511	79
1981-82	5.1	1.3	8.2	12.2	4.9	17.1	466	79
1982-83	4.5	1.3	9.0	11.8	4.3	16.1	525	82
1983-84	5.8	1.2	10.5	12.6	4.7	17.3	519	78
1984-85	5.5	1.3	10.7	12.6	4.6	17.2	576	72
1985-86	5.0	1.3	11.1	15.4	6.1	21.5	589	71
1986-87	5.0	1.2	11.4	15.2	6.6	21.8	545	76
1987-88	5.8	1.2	11.7	14.0	7.0	21.0	592	72
1988-89	5.3	1.2	12.1	15.0	8.0	23.0	612	79
1989-90	5.3	1.1	12.3	14.6	8.1	22.7	571	65
1990-91	5.5	1.0	12.7	15.1	9.0	24.1	612	59
1991-92	5.4	1.0	13.0	13.7	9.2	22.9	655	64
1992-93	5.8	1.0	13.7	15.6	8.9	24.5	649	60
1993-94	6.1	1.0	12.5	15.9	10.3	26.2	667	56
1994-95	6.3	1.0	13.2	15.2	10.8	26.0	664	55
1995-96	7.0	1.0	14.1	16.3	11.7	28.0	646	55
1996-97	8.0	1.0	14.6	16.2	13.1	29.3	657	58
1997-98	6.2	1.0	14.5	15.9	15.0	30.9	635	58
1998-99	8.5	1.3	14.9	13.1	15.1	28.2	684	65
1999-2000	9.0	1.4	15.6	14.2	16.4	30.6	642	55
2000-01	8.2	1.3	15.8	14.2	16.5	30.7	631	58
2001-02	8.8	1.4	16.0	14.8	17.2	32.0	650	67
2002-03	7.2	1.4	16.3	14.4	17.0	31.4	623	67
2003-04	9.9	1.2	16.1	13.4	17.6	31.0	662	70
2004-05	10.2	1.1	15.5	14.1	19.4	33.5	663	72

(Contd.)

Table 10.3 (*Contd.*)

(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
2006-07	11.1	1.2	16.8	18.0	21.6	39.6	687	77
2007-08	11.4	1.2	17.8	19.0	22.8	41.9	701	80
2008-09	12.7	1.3	18.8	17.9	21.1	39.0	704	82
2009-10	13.3	1.1	17.9	19.7	23.4	43.1	709	86
2010-11	13.6	1.0	17.0	21.4	22.6	44.0	715	90
2011-12	13.8	1.0	18.7	19.8	20.7	40.5	728	95
2012-13 (P)	15.8	0.7	18.7	19.9	18.6	38.5	na	na

Source: Economic Survey 2013-14.

Notes: a: Includes groundnut oil, Rapeseed and mustard oil, Sesamum oil, Niger seed 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 metres up to 1984-85 and square metre 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 1970-71 relate to coffee season and thereafter on calendar year basis. The figures for 1975-76 correspond to 1976 and so on.

P Provisional.

NA Not available.

Table 10.4(a) Trends in Percentage Composition of Consumer Expenditure Since 1993-94

Item Group	Rural					Urban				
	Share in Total Consumer Expenditure					Share in Total Consumer Expenditure				
	1993-94	1999-2000*	2004-05	2009-10	2011-12	1993-94	1999-2000*	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	0.2	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 and Products	3.8	3.8	3.1	3.7	3.1	3.0	2.8	2.1	2.7	2.1
Milk and 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 and 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 and Nuts	1.7	1.7	1.9	1.6	1.9	2.7	2.4	2.2	2.1	2.3
Suger	3.1	2.4	2.4	2.4	1.8	2.4	1.6	1.5	1.5	1.2
Salt and 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 and Light	7.4	7.5	10.2	9.5	9.2	6.6	7.8	9.9	8.0	7.6
Clothing and 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. and 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	100.1

Source: NSSO, Ministry of Statistics & Programme Implementation.

Note: * 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 and 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 and 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 and 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 oils (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

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 (50th, 55th, 61st, 66th and 68th Rounds).

Note: * Includes potato, onion, brinjal, cauliflower, cabbage and tomato.

11

Consumption and Stocks

Table 11.1(a) Stock of Foodgrains in the Central Pool

As on 1 January Million Tonnes				
Year	Rice	Wheat	Coarse Cereals	Total
(1)	(2)	(3)	(4)	(5)
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

Source: Department of Food & Public Distribution.

Table 11.1(b) Existing Buffer Stock Norms for Foodgrains (applicable since 20 April 2005)

(Million Tonnes)			
As on	Rice	Wheat	Total
(1)	(2)	(3)	(4)
1 April	14.2	7.0	21.2
1 July	11.8	20.1	31.9
1 October	7.2	14.0	21.2
1 January	13.8	11.2	25.0

Source: Department of Food & Public Distribution.

Note: The above norms include a Food Security Reserve of 30 lakh tonnes of wheat from 1 July 2008 and 20 lakh tonnes of rice from 1 January 2009.

Table 11.2 Consumption and Stocks of Raw Jute

Year (July-June)	Consumption	Lakh bales of 180 kgs each
		Stocks (End of Season)
(1)	(2)	(3)
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
1999-2000	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*	105.00	28.00

Source: Jute Corporation of India, Kolkata.

Note: * Estimated.

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	Value in Rs Crore
(1)	(2)	(3)	(4)	(5)	(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	
1999-2000	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	21499.22	660408.90	3.26	49216.96	456417.86	10.78	
2006-07	29637.85	840506.31	3.53	62411.42	571779.28	10.92	
2007-08	29906.23	1012311.70	2.95	79039.52	655863.52	12.05	
2008-09	37183.04	1374435.55	2.71	85551.67	840755.06	10.18	
2009-10	59528.37	1363735.55	4.37	89341.50	845533.64	10.57	
2010-11	57334.32	1683466.96	3.41	117483.61	1142921.92	10.28	
2011-12	82819.15	2345463.24	3.53	187609.33	1465959.39	12.80	
2012-13	109610.68	2669161.96	4.11	232041.11	1634318.84	14.20	
2013-14 (P)	105149.00	2714181.50	3.87	268469.05	1894181.95	14.17	

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

Note: P Provisional.

Table 12.2 India's Imports of Agricultural Products

Commodity	2004-05		2005-06		2006-07		2007-08		2008-09	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Pulses	1339.45	1777.58	1695.95	2476.25	2270.97	3891.91	2835.05	5374.94	2474.11	6246.40
Wheat					6079.56	5850.49	1793.21	2657.51	0.01	0.01
Rice			0.26	0.34	0.16	0.41	0.16	0.42	0.09	0.06
Other Cereals	6.62	6.56	27.88	30.09	7.96	11.73	10.42	19.34	20.60	45.46
Cereal Preparation	45.46	112.16	42.40	129.23	38.22	132.92	43.96	161.83	29.78	170.17
Milk and Cream	2.21	12.87	1.63	14.20	3.09	28.90	1.98	28.96	3.23	38.21
Cashew Nuts	479.71	1804.96	543.94	2089.46	586.49	1820.75	591.88	1714.75	614.46	2672.43
Cashew nuts shelled										
Fruits and Nuts excluding Cashew Nuts	-	1100.83		1390.32		1913.11	-	1858.39	-	2372.89
Spices	107.22	593.83	108.93	687.81	118.51	738.90	144.627331	973.64	122.85	1076.07
Sugar	932.74	976.18	558.77	651.59	1.05	3.48	0.733	5.87	386.10	583.16
Oil Seeds		28.41		47.03		104.47	-	149.32	-	129.58
Vegetable Oils Fixed (Edible)	4751.19	11076.89	4288.10	8960.99	4269.38	9539.90	4903.388	10301.09	6719.35	15837.46
Vegetable and Animal fats	1.42	12.78	1.47	14.24	1.11	11.19	1.095	12.48	0.81	12.20
Cotton (Raw and Waste)	192.18	1135.56	98.75	703.66	81.48	663.07	136.487	912.14	211.69	1690.22
Jute (Raw)	20.74	31.79	61.34	93.16	83.05	115.21	135.75	148.01	52.24	71.21
Tea	31.76	146.92	18.75	108.14	23.29	127.06	19.725721	130.95	25.16	197.00
Wood and Wood Products		3994.52		4102.71		4684.35	-	5456.60	-	6040.51
Total Agricultural Imports		22811.84		21499.22		29637.85		29906.23		37183.04
Total National Imports		501064.54		660408.90		840506.31		1012311.70		1374435.55
% Share of Agricultural Import in National Imports		4.55		3.26		3.53		2.95		2.71

Quantity : '000 tonnes
Value in Rs Crore

Commodity	2009-10		2010-11		2011-12		2012-13		2013-14 (P)	
	Quantity (12)	Value (13)	Quantity (14)	Value (15)	Quantity (16)	Value (17)	Quantity (18)	Value (19)	Quantity (20)	Value (21)
(1)										
Pulses	3509.58	9813.37	2698.66	7149.62	3364.80	8931.24	3839.30	12733.70	3049.29	10550.97
Wheat	164.38	231.90	185.28	255.85	0.02	0.08	2.94	6.03	11.27	26.92
Rice	0.07	0.37	0.22	1.12	1.06	5.48	0.72	3.96	1.44	8.29
Other Cereals	33.69	76.33	30.68	59.53	15.36	30.04	45.58	111.01	22.34	99.32
Cereal Preparation	40.85	188.22	37.09	228.84	48.06	316.89	51.56	346.17	57.20	404.29
Milk and Cream	8.27	77.56	37.17	491.98	63.08	1037.72	5.34	107.20	8.21	153.51
Cashew Nuts	755.96	3047.50	529.73	2649.56	809.82	5338.64	892.37	5331.74	771.36	4563.99
Cashew shelled	-	-	-	-	2.08	42.79	6.15	102.17	4.98	103.81
Fruits and Nuts excluding Cashew Nuts	-	2873.15	-	3636.63	-	4658.38	-	6297.93	-	7777.79
Spices	153.40	1432.31	113.33	1556.11	128.69	2190.80	157.64	2615.14	148.49	3430.56
Sugar	2551.42	5965.80	1198.39	2789.55	99.73	313.83	1122.26	3094.38	880.96	2286.86
Oil Seeds	-	186.61	-	115.48	-	93.89	-	406.07	-	973.55
Vegetable Oils Fixed (Edible)	8033.92	26483.32	6905.43	29860.40	8445.01	46255.31	11013.73	61106.59	10434.21	56488.51
Vegetable and Animal Fats	1.36	23.31	0.78	16.01	0.86	19.99	1.16	37.04	0.90	28.98
Cotton (Raw and Waste)	171.42	1241.37	58.41	623.54	77.42	1059.19	232.55	2466.74	177.71	2371.14
Jute (Raw)	62.66	149.49	83.31	302.49	181.26	449.17	148.73	370.79	52.65	146.25
Tea	34.46	276.54	20.82	202.00	22.43	218.91	22.30	274.52	21.16	280.08
Wood and Wood Products	-	7461.20	-	7395.61	-	11856.80	-	14199.51	-	15454.17
Total Agricultural Imports	-	59528.37	-	57334.32	-	82819.15	-	109610.68	-	105149.00
Total National Imports	-	1363735.55	-	1683466.96	-	2345463.24	-	2669161.96	-	2714181.50
% Share of Agricultural Import in National Imports	-	4.37	-	3.41	-	3.53	-	4.11	-	3.87

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

Notes: P = Provisional Part = Partly.

Table 12.3 India's Exports of Agricultural Products

Quantity : '000 tonnes
Value in Rs Crore

Commodity	2004-05		2005-06		2006-07		2007-08		2008-09	
	Quantity (2)	Value (3)	Quantity (4)	Value (5)	Quantity (6)	Value (7)	Quantity (8)	Value (9)	Quantity (10)	Value (11)
(1)										
Pulses	271.18	602.57	447.44	1115.21	250.70	773.34	164.20	526.41	136.27	540.22
Rice Basmati	1163	2823.90	1166.57	3043.10	1045.73	2792.81	1183.36	4344.58	1556.41	9477.03
Rice (Other than Basmati)	3615.1	3945.02	2921.60	3178.17	3702.22	4243.10	5286.08	7410.03	931.89	1687.37
Wheat	2009.35	1459.82	746.18	557.53	46.64	35.35	0.24	0.24	1.12	1.46
Other Cereals	1178.03	793.82	567.22	453.82	730.38	599.25	3228.05	3002.33	3999.65	3920.58
Tea	183.4	1840.30	162.86	1730.73	185.63	1969.51	197.39	2034.17	207.46	2688.87
Coffee	167.55	1069.08	177.68	1588.69	213.65	1969.00	178.30	1872.27	174.08	2255.76
Tobacco Unmanufactured	135.74	940.07	142.70	1021.32	158.25	1251.28	173.34	1432.80	208.31	2766.27
Tobacco Manufactured	-	314.54	-	309.34	-	433.89	-	499.09	-	294.78
Dairy Products	-	458.79	-	794.61	-	497.09	-	960.24	-	1130.08
Floriculture Products	-	222.92	-	301.45	-	652.70	-	340.30	-	368.81
Spices	364.53	1883.18	400.24	2115.98	482.80	3157.90	614.86	4314.86	673.87	6338.42
Cashew Nut Shell Liquid	5.33	11.94	5.94	8.67	8.09	15.34	14.78	25.17	10.82	29.69
Cashew Nut	118.11	2477.18	125.10	2584.70	122.78	2291.18	111.26	2209.60	126.15	2900.97
Sesamum Seed	168.28	708.95	199.81	746.60	233.34	939.58	317.01	1642.29	196.98	1494.26
Niger Seed	26.14	64.74	28.42	60.25	30.02	66.87	21.68	90.03	13.72	64.23
Groundnut	177.15	547.02	190.06	513.69	251.43	798.46	269.59	1054.08	297.89	1239.01
Guargum Meal	131.31	689.48	186.73	1094.23	189.33	1125.79	211.17	1125.75	258.57	1338.99
Oil Meals	3603.38	3177.60	5976.00	4875.01	6437.43	5504.32	6908.50	8140.55	6742.94	10269.24

Castor Oil	271.69	1077.98	254.72	939.74	294.87	1090.11	282.18	1275.72	357.26	2128.72
Shellac	8.54	164.87	9.30	159.98	7.51	147.20	8.08	123.99	6.03	103.89
Sugar	108.69	149.53	321.20	569.10	1643.40	3127.47	4684.55	5412.16	3332.08	4448.74
Molasses	8.16	5.52	72.94	28.81	326.87	133.37	897.52	250.62	172.20	82.70
Fruits/Vegetable Seeds	6.74	66.04	7.52	92.96	8.10	121.59	10.08	141.96	8.54	119.99
Fresh Fruits	-	862.26	-	1120.69	-	1413.98	-	1446.59	-	1945.24
Fresh Vegetables	-	862.99	-	919.81	-	1546.53	-	1477.89	-	2454.15
Processed Vegetables	-	362.46	-	494.48	-	650.23	-	602.18	-	711.22
Processed Fruit Juices	-	369.16	-	599.91	-	711.40	-	773.40	-	1099.15
Miscellaneous Processed Items	-	908.03	-	989.53	-	1125.05	-	1362.39	-	2077.44
Meat and Preparations	-	1905.27	-	2750.17	-	3314.03	-	3749.47	-	5371.42
Marine Products	483.52	6469.22	554.20	7035.91	611.55	8001.04	490.06	6926.67	464.90	7066.37
Cotton Raw including Waste	86.64	422.58	614.80	2904.35	1162.22	6107.81	1557.59	8865.39	457.56	2865.85
Jute Hessian	-	427.20	-	490.90	-	375.81	-	464.44	-	415.59
Poultry Products	-	281.96	-	313.37	-	313.82	-	429.53	-	413.53
Paper/Wood products	-	3236.66	-	3759.15	-	4915.22	-	4712.33	-	5441.63
Total Agricultural Exports	-	41602.65	-	49261.96	-	62211.42	-	79039.52	-	85551.67
Total National Exports	-	375339.53	-	456417.86	-	571779.28	-	655863.52	-	840755.06
% Share of Agricultural Exports in National Exports	-	11.08	-	10.79	-	10.88	-	12.05	-	10.18

(Contd.)

Table 12.3 (*Contd.*)

Commodity	2009-10			2010-11			2011-12			2012-13			2013-14 (P)		
	Quantity (12)	Value (13)		Quantity (14)	Value (15)		Quantity (16)	Value (17)		Quantity (18)	Value (19)		Quantity (20)	Value (21)	
(1)															
Pulses	99.92	407.35		208.02	865.74		174.20	1065.84		201.70	1280.00		343.49	1737.00	
Rice Basmati	2016.87	10889.60		2370.68	11354.77		3178.18	15449.60		3459.89	19409.39		3757.36	29300.12	
Rice (Other than Basmati)	139.54	365.30		100.68	231.29		3997.72	8659.13		6688.00	14448.81		7018.53	17493.16	
Wheat	0.03	0.06		0.40	0.70		740.75	1023.27		6514.82	10529.00		5559.83	9257.11	
Other Cereals	2892.42	2973.19		3220.07	3648.49		4073.69	5492.92		5441.31	8180.61		4609.24	7132.37	
Tea	207.53	2943.53		238.34	3354.31		292.35	4078.53		268.80	4718.79		247.62	4831.80	
Coffee	157.41	2032.06		232.63	3009.91		278.87	4534.62		254.02	4711.07		253.92	4797.14	
Tobacco Unmanufactured	230.80	3621.44		215.88	3151.65		197.17	2899.46		230.41	3815.76		237.08	4782.63	
Tobacco Manufactured	-	722.96		-	833.74		-	1106.96		-	1214.47		-	1351.09	
Dairy Products	-	549.37		-	850.17		-	610.60		-	1768.77		-	3763.08	
Floriculture Products	-	294.46		-	296.05		-	365.32		-	423.45		-	455.89	
Spices	663.21	6157.33		762.71	8043.47		935.82	13220.23		1008.86	15364.97		1029.31	15981.42	
Cashew Nut Shell Liquid	11.23	27.62		12.05	33.77		14.63	59.46		9.19	29.84		9.48	38.61	
Cashew Nut	117.99	2801.58		105.76	2819.39		131.76	4390.68		104.04	4067.21		120.49	5095.89	
Sesamum Seed	215.73	1494.10		398.44	2307.52		389.15	2641.66		299.48	2880.85		257.44	3583.46	
Niger Seed	6.00	24.23		12.86	44.51		28.23	117.27		17.90	90.13		20.84	113.61	
Groundnut	340.24	1425.93		433.75	2178.41		832.62	5246.45		535.64	4065.36		511.66	3212.06	
Guargum Meal	218.47	1133.31		441.61	2938.70		707.33	16523.87		406.31	21287.00		601.74	11734.03	
Oil Meals	4671.13	7831.79		6936.93	11069.58		7406.37	11796.46		6578.18	16519.53		6564.05	17034.43	
Castor Oil	398.00	2179.28		424.49	2982.92		492.63	4571.67		565.99	4309.82		544.82	4364.33	

Shellac	4.05	71.30	4.39	140.07	4.55	256.79	3.60	401.74	7.60	504.30
Sugar	44.74	110.21	1714.37	5419.16	2741.36	8766.78	2794.49	8576.63	2459.61	7125.69
Molasses	31.10	19.78	371.92	214.09	384.13	204.33	342.15	223.03	211.64	147.28
Fruits/Vegetable Seeds	8.88	145.08	11.62	184.96	15.21	287.76	17.17	347.72	17.18	402.78
Fresh Fruits	-	2269.08	-	2174.13	-	2557.55	-	3295.12	-	4364.26
Fresh Vegetables	-	2941.73	-	2545.88	-	2907.15	-	3288.33	-	5117.48
Processed Vegetables	-	752.30	-	764.00	-	1057.36	-	1119.66	-	1316.62
Processed Fruit Juices	-	1159.32	-	1041.12	-	1656.19	-	1968.77	-	2556.33
Miscellaneous Processed Items	-	2095.29	-	2628.26	-	3832.33	-	4962.66	-	6881.89
Meat and Preparations	-	6286.10	-	8960.07	-	14110.93	-	17903.20	-	27246.91
Marine Products	709.88	9899.98	825.31	11917.11	972.21	16584.71	965.10	18841.20	999.19	30616.62
Cotton Raw including Waste	1357.99	9537.08	1885.77	13160.47	2003.58	21624.20	2056.69	20276.51	1940.74	22248.48
Jute Hessian	-	307.63	-	722.87	-	945.83	-	876.68	-	843.18
Poultry Products	-	366.10	-	283.67	-	388.35	-	460.13	-	509.41
Paper/Wood products	-	5506.04	-	7312.67	-	8575.10	-	10384.94	-	12528.63
Total Agricultural Exports	-	89341.50	-	117483.61	-	187609.33	-	232041.11	-	268469.05
Total National Exports	-	845533.64	-	1142921.92	-	1465959.39	-	1634318.84	-	1894181.95
% Share of Agricultural Exports in National Exports	-	10.57	-	10.28	-	12.80	-	14.20	-	14.17

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

Note: P Provisional.

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

S. No.	Item Description	Basic Customs Duty (%) (As on 1 Nov. 2013)	Bound Duty (%) (As on 1 Nov. 2013)
(1)	(2)	(3)	(4)
I. Cereals and Pulses			
1	Pulses	Nil	100
2	Wheat	free	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	30	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

V. Meat and 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		25	150
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 and 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	Areca nut	100	100
17	Hop cones (ground, powdered or in pellets)	30	75
18	Hop cones (other than ground, powdered or in pellets)	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
22	Basil, hyasop, rosemary, sage, savory, cambodge fruit rind	15	100

(Contd.)

Table 12.4 (Contd.)

S. No.	Item Description	Basic Customs Duty (%) (As on 1 Nov. 2013)	Bound Duty (%) (As on 1 Nov. 2013)
(1)	(2)	(3)	(4)
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	2.5	45
2	Palm Oil (for manufacture of vanaspati)	2.5	300
3	Groundnut Oil	2.5	300
4	Sunflower/Safflower	2.5	300
5	Coconut Oil	2.5	300
6	Rapeseed Oil	2.5	75
7	Colza or Mustard Oil	2.5	75
8	Castor Oil/ Tung Oil	2.5	100
9	Other Oils	2.5	300
10	Safflower	2.5	300
IX. Edible Oils (Refined)			
1	Soya bean Oil	10	45
2	RBD Palmolein	10	300
3	Palm Oil	10	300
4	Groundnut Oil	10	300
5	Sunflower	10	300
6	Coconut Oil Edible grade	10	300\
7	Coconut Oil Other	10	300
8	Rapeseed Oil	10	75
9	Colza or Mustard Oil	10	75
10	Castor Oil/Tung Oil	10	100
11	Safflower	10	300
12	Other edible grade oils	10	300
13	Oils other than edible grade	65	100/300

Source: Department of Revenue, Ministry of Finance.

Notes: 1. Duty on pulses was reduced to zero on 8 June 2006 and is valid upto 31 March 2014.

2. With effect from 1 March 2007, all edible oils have been exempted from additional duty of customs of 4%.

3. The zero import duty on wheat is available for imports without time limit.

4. The zero duty on maize is available for a tariff rate quota (TRQ) of 5 lakh metric tonnes.

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

Commodity	Weight	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)
(I) All Commodities	100.00	111.4	116.6	126.0	130.8	143.3	156.1	167.6	177.6
<i>(a) Primary Articles</i>	20.12	114.3	123.9	137.5	154.9	182.4	200.3	220.0	241.6
<i>(b) Fuel and Power</i>	14.91	120.9	121.0	135.0	132.1	148.3	169.0	186.5	205.4
<i>(c) Manufactured Products</i>	64.97	108.2	113.4	120.4	123.1	130.1	139.5	147.1	151.5
II. Foodgrains (Cereals and Pulses)	4.09	122.4	130.9	145.3	166.4	174.4	180.7	207.1	226.0
<i>(a) Cereals</i>	3.37	116.7	127.9	143.1	161.2	169.7	176.2	199.9	225.5
Rice	1.79	110.0	122.5	140.6	157.9	167.2	172.3	194.2	226.2
Wheat	1.12	125.1	134.3	147.6	166.5	171.4	168.3	194.4	212.3
Jowar	0.10	124.6	148.0	151.2	168.6	189.5	248.6	235.8	251.2
Bajra	0.12	122.5	128.0	139.2	168.1	175.6	193.2	233.5	256.9
Maize	0.22	122.5	130.2	139.1	153.3	168.9	205.6	234.0	251.2
Barley	0.02	123.7	136.6	152.9	150.6	165.7	180.2	208.0	214.3
Ragi	0.02	112.2	123.4	134.9	174.7	173.8	204.9	278.3	337.3
<i>(b) Pulses</i>	0.72	149.2	144.9	155.8	190.8	196.9	201.8	241.3	228.0
Gram	0.33	156.2	149.0	153.8	152.2	150.0	193.8	266.3	217.3
Arhar	0.14	108.3	126.1	144.3	214.7	205.1	183.2	199.4	212.3
Moong	0.08	160.3	141.2	150.4	233.8	280.4	244.4	259.5	295.9
Masur	0.06	115.0	145.7	196.2	228.2	194.5	162.8	193.9	217.2
Urad	0.10	191.3	159.8	159.8	228.4	271.8	240.0	227.7	234.3
Food Articles	14.34	115.5	123.6	134.8	155.4	179.6	192.7	211.8	238.9
Non-food Articles	4.26	102.3	114.4	129.2	136.2	166.6	182.7	201.9	213.2

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

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

Commodity	Weight	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)
(I) All Commodities	100.00	6.6	4.7	8.1	3.8	9.6	8.9	7.4	6.0
<i>(a) Primary Articles</i>	20.12	9.6	8.3	11.0	12.7	17.7	9.8	9.8	9.8
<i>(b) Fuel and Power</i>	14.91	6.5	0.0	11.6	-2.1	12.3	14	10.3	10.2
<i>(c) Manufactured Products</i>	64.97	5.7	4.8	6.2	2.2	5.7	7.3	5.4	3.0
II. Foodgrains (Cereals and Pulses)	4.09	14.1	6.9	11.0	14.5	4.9	3.6	14.6	9.1
<i>(a) Cereals</i>	3.37	10.1	9.5	11.9	12.6	5.3	3.9	13.4	12.8
Rice	1.79	4.6	11.3	14.8	12.3	5.9	3.1	12.7	16.5
Wheat	1.12	19.1	7.3	9.9	12.8	3.0	-1.8	15.5	9.2
Jowar	0.10	13.8	18.8	2.2	11.5	12.4	31.1	-5.1	6.5
Bajra	0.12	10.8	4.5	8.7	20.8	4.5	10	20.8	10.0
Maize	0.22	8.3	6.3	6.8	10.2	10.2	21.7	13.8	7.4
Barley	0.02	7.7	10.4	11.9	-1.5	10.0	8.8	15.5	3.0
Ragi	0.02	10.7	10.0	9.4	29.5	-0.5	17.9	35.8	21.2
<i>(b) Pulses</i>	0.72	31.6	-2.8	7.5	22.4	3.2	2.5	19.6	-5.5
Gram	0.33	37.0	-4.6	3.2	-1.1	-1.4	29.2	37.4	-18.4
Arhar	0.14	10.5	16.4	14.4	48.8	-4.5	-10.7	8.8	6.5
Moong	0.08	31.8	-11.9	6.5	55.4	19.9	-12.8	6.2	14.0
Masur	0.06	12.2	26.7	34.7	16.3	-14.8	-16.3	19.1	12.0
Urad	0.10	46.0	-16.5	0.0	43.0	19.0	-11.7	-5.1	2.9
Food Articles	14.34	9.6	7.0	9.1	15.3	15.6	7.3	9.9	12.8
Non-food Articles	4.26	5.8	11.9	12.9	5.5	22.3	9.6	10.5	5.6

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	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)
A. Oil seeds									
Groundnut Seed	1.78	94.5	113.2	131.2	135.0	141.3	158.8	198.0	202.6
Rapeseed and Mustard Seed	0.40	109.5	140.3	144.3	148.0	164.8	200	246.9	219.1
Cotton Seed	0.34	100.0	118.2	144.4	139.2	135.1	149.8	202.7	189.3
	0.21	96.6	112.3	126.0	132.3	132.8	143.4	162.1	177.6
Copra (Coconut)	0.25	71.8	66.6	82.7	70.6	92.9	112.9	92.4	117.4
Gingelly Seed (Sesamum)	0.07	123.3	134.8	166.1	233.5	247.5	203.8	312.4	417.5
Niger Seed	0.01	102.1	184.4	228.1	169.1	143.6	167.1	192.3	174.2
Safflower (Kardi Seed)	0.01	87.7	103.0	120.5	122.2	134.6	138.4	149.5	158.0
Sunflower	0.08	101.6	132.0	130.9	124.7	140.8	162.7	181.7	193.8
Soya Bean	0.37	79.5	100.7	129.8	141.2	128.4	140.8	211.9	226.3
<i>a1. Edible Oils</i>	3.04	102.5	116.0	121.6	114.4	120.6	135.7	148.1	147.0
Gingelly Oil	0.05	97.2	113.4	129.5	127.9	134.2	146.4	171.3	183.1
Mustard and Rapeseed Oil	0.45	96.9	109.3	122.4	115.3	116.3	135.9	154.2	154.0
Copra Oil	0.10	94.1	93.7	99.9	94.6	100.1	119.9	114.4	121.2
Groundnut Oil	0.30	109.5	133.6	131.2	127.8	145.3	163.8	192.6	181.6
Cottonseed Oil	0.26	106.3	132.9	142.7	118.1	124.3	149.5	175.5	176.8
Sunflower Oil	0.17	104.7	125.1	124.1	113.2	120.4	132	138.0	131.8
Soya Bean Oil	0.38	103.1	118.7	126.2	117.6	125.6	147.2	162.2	159.2
B. Fruits and Vegetables									
<i>b1. Vegetables</i>	3.84	111.8	124.6	134.9	147.8	172.1	183.2	198.4	244.3
	1.74	114.3	137.1	141.9	161.8	182.8	179.3	210.1	294.5
Potato	0.20	132.6	146.9	110.3	206.2	132.0	129	207.0	220.1

(Contd.)

Table 12.6a (Contd.)

Commodity	Weight	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)
Onion	0.18	115.9	174.7	177.8	204.3	259.6	186.7	232.5	482.2
<i>b2. Fruits</i>	2.11	109.7	114.4	129.1	136.2	163.2	186.4	188.8	202.9
Banana	0.34	115.3	120.6	132.5	146.6	163.0	173.4	210.5	246.6
Apple	0.10	124.8	124.6	134.7	171.2	173.6	220.4	241.4	228.4
Orange	0.13	123.2	113.5	138.3	148.6	185.3	237.4	228.3	208.9
C. Condiments and spices	0.57	136.7	142.9	151.2	182.7	244.0	237.5	209.5	245.6
Black pepper	0.03	132.5	184.6	180.8	186.3	247.1	402.9	519.0	553.2
Chillies (dry)	0.16	162.4	157.1	182.6	205.2	221.8	277.1	235.1	267.0
Turmeric	0.08	88.1	82.8	105.4	210.3	401.7	214.9	166.3	215.3
Raw cotton	0.70	96.6	111.8	141.2	138.6	199.3	225.2	206.0	236.5
Raw jute	0.06	136.0	122.4	137.9	160.5	210.7	222.5	242.4	261.9

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: 2004-05=100)

Commodity	Weight	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)
A. Oil Seeds	1.78	4.6	19.8	15.9	2.9	4.7	12.3	24.7	2.3
Groundnut Seed	0.40	13.2	28.1	2.8	2.5	11.4	21.4	23.4	-11.3
Rapeseed and Mustard Seed	0.34	4.3	18.2	22.2	-3.6	-3.0	10.9	35.3	-6.6
Cotton Seed	0.21	11.7	16.2	12.2	5.0	0.4	8.0	13.1	9.5
Copra (Coconut)	0.25	-12.7	-7.3	24.1	-14.6	31.6	21.5	-18.2	27.1
Gingelly Seed (Sesamum)	0.07	18.1	9.4	23.2	40.6	6.0	-17.7	53.3	33.7
Niger Seed	0.01	19.3	80.6	23.7	-25.9	-15.1	16.4	15.1	-9.4
Safflower (Kardi Seed)	0.01	-1.5	17.5	16.9	1.4	10.2	2.8	8.1	5.7
Sunflower	0.08	5.9	29.9	-0.9	-4.7	12.9	15.6	11.7	6.6
Soya Bean	0.37	-3.1	26.7	28.9	8.9	-9.1	9.7	50.5	6.8
<i>a1. Edible Oils</i>	3.04	8.9	13.2	4.8	-5.9	5.4	12.6	9.1	0.8
Gingelly Oil	0.05	9.1	16.7	14.2	-1.2	4.9	9.0	17.0	6.9
Mustard and Rapeseed Oil	0.45	2.6	12.8	12.0	-5.8	0.9	16.8	13.5	-0.1
Copra Oil	0.10	-5.7	-0.5	6.6	-5.3	5.8	19.8	-4.6	5.9
Groundnut Oil	0.30	12.8	22.1	-1.8	-2.6	13.6	12.8	17.5	-5.7
Cottonseed Oil	0.26	13.8	25.0	7.4	-17.2	5.2	20.3	17.4	0.8
Sunflower Oil	0.17	10.9	19.5	-0.8	-8.8	6.4	9.6	4.5	-4.5
Soya Bean Oil	0.38	13.7	15.1	6.3	-6.8	6.8	17.2	10.2	-1.9
B. Fruits and Vegetables	3.84	3.5	11.5	8.2	9.6	16.4	6.5	8.3	23.1
<i>b1. Vegetables</i>	1.74	0.5	19.9	3.5	14.0	13.0	-2.0	17.2	40.2
Potato	0.20	11.9	10.8	-24.9	87.0	-36.0	-2.3	60.5	6.3

(Contd.)

Table 12.6a (Contd.)

Commodity	Weight	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)
Onion	0.18	-8.5	50.7	1.8	14.9	27.1	-28.1	24.6	107.4
<i>b2. Fruits</i>	2.11	6.2	4.3	12.9	5.5	19.8	14.2	1.3	7.5
Banana	0.34	4.3	4.6	9.9	10.7	11.2	6.4	21.4	17.2
Apple	0.10	23.7	-0.1	8.1	27.1	1.4	27.0	9.5	-5.3
Orange	0.13	8.8	-7.9	21.8	7.5	24.7	28.1	-3.8	-8.5
C. Condiments and spices	0.57	44.6	4.5	5.8	20.8	33.6	-2.6	-11.8	17.2
Black pepper	0.03	42.9	39.4	-2.1	3.0	32.7	63.1	28.8	6.6
Chillies (dry)	0.16	93.5	-3.2	16.3	12.4	8.1	24.9	-15.2	13.6
Turmeric	0.08	-2.6	-6.1	27.4	99.5	91.0	-46.5	-22.6	29.4
Raw cotton	0.70	7.2	15.7	26.3	-1.9	43.9	13.0	-8.5	14.8
Raw jute	0.06	0.8	-10.0	12.6	16.4	31.3	5.6	8.9	8.1

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	(Million Ha)										
		(1)	(2)	1950-51	1960-61	1970-71	1980-81	1990-91	2000-01	2001-02	2002-03	2003-04
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 (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 and 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 and 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 and 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
	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 to 7)	118.75	133.20	140.86	140.29	143.00	141.34	140.73	131.94	140.71
%	41.77	44.63	46.37	46.12	46.91	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	42.74	44.00	47.28	41.95	48.95
8. Cropping Intensity*	111.07	114.69	117.70	123.05	129.89	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	(Million Ha)									
		(1)	(2)	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
				(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
I.	Geographical Area			328.73	328.73	328.73	328.73	328.73	328.73	328.73	328.73
II.	Reporting Area for Land Utilization Statistics (1 to 5)			305.59	305.45	305.65	305.67	305.84	305.84	305.90	305.81
	1. Forest			69.96	69.99	70.03	69.96	69.98	69.99	70.01	70.02
	%			22.89	22.92	22.91	22.89	22.88	22.88	22.89	22.89
	2. Not Available for Cultivation (A + B)			42.23	42.32	42.73	42.90	43.06	43.33	43.58	43.52
	(A) Area Under Non-agricultural Uses			24.76	24.99	25.45	25.88	26.21	26.16	26.39	26.29
	%			8.10	8.18	8.32	8.47	8.57	8.55	8.63	8.60
	(B) Barren and Un-culturable Land			17.47	17.33	17.29	17.02	16.85	17.18	17.18	17.23
	%			5.72	5.67	5.66	5.57	5.51	5.62	5.62	5.63
	3. Other Uncultivated Land excluding Fallow Land (A + B + C)			27.09	27.06	27.04	26.81	26.42	26.50	26.16	26.10
	(A) Permanent Pasture and Other Grazing Land			10.45	10.44	10.42	10.36	10.34	10.34	10.30	10.30
	%			3.42	3.42	3.41	3.39	3.38	3.38	3.37	3.37
	(B) Land under Miscellaneous Tree Crops and Groves not Included in Net Area Sown			3.36	3.39	3.35	3.40	3.34	3.21	3.21	3.16
	%			1.10	1.11	1.10	1.11	1.09	1.05	1.05	1.03
	(C) Culturable Waste Land			13.27	13.22	13.27	13.04	12.73	12.95	12.65	12.64
	%			4.34	4.33	4.34	4.27	4.16	4.23	4.14	4.13
	4. Fallow Lands (A + B)			25.67	24.91	26.03	24.98	24.48	26.85	24.60	25.38
	(A) Fallow Lands Other than Current Fallows			10.88	10.70	10.52	10.33	10.29	10.84	10.32	10.67
	%			3.56	3.50	3.44	3.38	3.36	3.54	3.37	3.49

(B) Current Fallows	14.79	14.21	15.51	14.65	14.19	16.01	14.28	14.72
%	4.84	4.65	5.07	4.79	4.64	5.23	4.67	4.81
5. Net Area Sown (6 to 7)	140.64	141.16	139.82	141.02	141.90	139.17	141.56	140.80
%	46.02	46.21	45.75	46.13	46.40	45.50	46.28	46.04
6. Total Cropped Area (Gross Cropped Area)	191.10	192.74	192.38	195.22	195.31	188.99	197.32	195.25
7. Area Sown More than Once	50.46	51.58	52.56	54.21	53.41	49.82	55.76	54.44
8. Cropping Intensity*	135.88	136.54	137.59	138.44	137.64	135.80	139.39	138.67
III. Net Irrigated Area	59.23	60.84	62.74	63.19	63.64	61.94	63.60	65.26
IV. Gross Irrigated Area	81.08	84.28	86.75	88.06	88.90	85.08	88.63	91.53

Source: Directorate of Economics and Statistics, Ministry of Agriculture.

Notes: 1. Percentage worked out over Reported Area.

2. The decline in net area sown in 2002-03 reflects the impact of the severe drought of 2002-03 on agriculture operations.

P Provisional.

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

Table 13.2 Selected Categories of Land Use

						(Million Ha)
Year	Net Area Sown	Total Cropped Area	Area Sown More than Once (3-2)	Net Irrigated Area	Gross Irrigated Area	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	4.11
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
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
1999-2000	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 (P)	141.02	195.22	54.21	63.19	88.06	24.87
2008-09 (P)	141.90	195.31	53.41	63.64	88.90	25.26
2009-10 (P)	139.17	188.99	49.82	61.94	85.08	23.15
2010-11 (P)	141.56	197.32	55.76	63.60	88.63	25.03
2011-12 (P)	140.80	195.25	54.44	65.26	91.53	26.27

Source: Directorate of Economics & Statistics, Department of Agriculture & Cooperation.

P Provisional.

Table 13.3 Gross Cropped Area Percentage Distribution

Crop	Percentage Share of Area to Gross Cropped Area	
	2010-11*	2011-12*
(1)	(2)	(3)
Rice	21.88	22.33
Jowar	3.73	3.17
Bajra	4.91	4.51
Maize	4.25	4.41
Ragi	0.64	0.60
Wheat	15.12	15.41
Barley	0.36	0.33
Other Cereals and Millets	0.43	0.44
Coarse Cereals	14.31	13.46
Total Cereals	51.32	51.20
Gram	4.44	3.97
Tur	2.12	1.93
Other Pulses	6.27	6.09
Total Pulses	12.83	11.98
Total Foodgrains	64.15	63.19
Sugarcane	2.67	2.79
Condiments and Spices	1.67	1.86
Total Fruits	2.01	2.03
Potatoes	0.81	0.84
Onions	0.30	0.32
Total Vegetables	2.76	2.79
Groundnut	2.93	2.66
Sesamum	1.09	0.99
Rapeseed and Mustard	2.82	2.83
Linseed	0.15	0.13
Other Oilseeds	7.68	7.82
Total Oilseeds	14.68	14.43
Cotton	5.54	6.23
Jute	0.39	0.41
Mesta	0.04	0.04
Total Fibres	6.01	6.73
Tobacco	0.22	0.20
Other Crops	5.84	5.98
Gross Cropped Area	100.00	100.00

Source: Directorate of Economics & Statistics, Department of Agriculture & Cooperation.

* Provisional.

Table 13.4 State-wise Per Cent Coverage of Irrigated Area under Principal Crops during 2011-12 (Provisional)

State/UTs	Rice	Jowar	Bajra	Maize	Wheat	Barley	Total Cereals	Gram	Tur or Arhar	Total Pulses
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	97.1	17.2	42.8	49.3	95.4	-	83.7	2.7	0.8	3.7
Arunachal Pradesh	38.7	-	-	-	37.9	-	25.7	-	-	-
Assam	4.9	-	-	0.4	2.7	-	4.9	-	-	-
Bihar	61.1	2.2	-	65.5	94.2	34.1	72.8	5.2	2.1	3.2
Chhattisgarh	34.2	-	-	8.4	74.5	3.9	33.2	37.3	-	12.1
Goa	33.9	-	-	-	-	-	33.7	-	-	97.9
Gujarat**	61.5	19.8	22.3	12.5	90.8	46.9	53.7	43.8	7.5	15.2
Haryana	99.9	71.9	34.8	31.0	99.5	95.3	90.6	11.0	86.0	27.6
Himachal Pradesh**	64.4	-	34.1	8.6	20.2	15.2	19.9	9.5	-	12.5
Jammu & Kashmir	90.2	-	5.1	6.7	28.3	4.1	38.7	12.6	-	12.5
Jharkhand**	3.2	-	0.0	3.4	89.1	3.3	7.4	6.2	0.1	2.9
Karnataka	75.2	11.5	11.2	39.2	55.9	-	37.5	15.1	4.5	7.6
Kerala	100.0	-	-	-	-	-	99.7	-	-	-
Madhya Pradesh	21.7	0.2	0.1	2.0	89.3	54.8	59.0	53.8	1.4	35.1
Maharashtra**	26.1	9.5	5.0	12.7	73.9	-	19.7	24.3	1.6	8.7
Manipur**	30.7	-	-	-	-	-	27.4	-	-	-
Meghalaya	49.9	-	-	-	108.1	-	42.5	-	-	-
Mizoram	50.9	-	-	-	-	-	40.2	-	-	-
Nagaland	47.4	-	-	0.7	24.3	-	33.0	9.6	-	1.3
Odisha	33.2	-	-	4.0	100.0	-	31.7	-	-	3.0
Punjab	99.5	100.0	83.1	75.5	98.9	97.5	98.7	85.4	93.3	83.4

(Contd.)

Table 13.4 (Contd.)

State/UTs (1)	Rice (2)	Jowar (3)	Bajra (4)	Maize (5)	Wheat (6)	Barley (7)	Total Cereals (8)	Gram (9)	Tur or Arhar (10)	Total Pulses (11)
Rajasthan	55.1	0.2	2.9	0.8	99.2	96.8	34.1	34.1	10.9	13.1
Sikkim**	84.5	-	-	3.0	17.0	12.1	19.3	-	-	3.0
Tamil Nadu	93.7	15.5	13.8	45.7	23.3	-	77.4	2.8	4.5	10.6
Tripura**	38.4	-	-	13.4	-	-	38.0	57.1	27.9	16.2
Uttarakhand	68.9	-	-	1.1	57.6	1.8	46.1	68.3	-	9.9
Uttar Pradesh**	80.4	0.9	12.1	34.6	98.1	69.9	83.7	14.0	12.7	21.0
West Bengal**	48.2	19.6	94.6	14.4	95.9	53.0	50.2	30.6	27.1	23.3
All India	58.7	9.7	8.5	25.3	92.9	74.9	57.7	33.5	3.9	16.1

(Contd.)

Table 13.4 (Contd.)

State/UTs	Total Foodgrains	Sugarcane	Groundnut	Rapeseed and Mustard	Soyabean	Sunflower	Total Oilseeds	Cotton	Tobacco	Total Area under All Crops
(1)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
Andhra Pradesh	62.5	95.8	21.9	5.2	13.6	41.6	23.2	18.2	32.5	49.3
Arunachal Pradesh	24.6	-	-	-	-	-	-	-	-	20.1
Assam	4.6	-	-	-	-	-	0.4	-	-	3.9
Bihar	67.4	67.8	7.1	63.7	-	85.9	54.0	-	96.3	67.4
Chhattisgarh	29.7	96.6	12.3	7.0	1.3	97.0	4.0	92.9	90.5	29.1
Goa	44.9	100.0	100.0	-	-	-	13.5	-	-	25.0
Gujarat**	46.0	94.5	12.4	95.3	-	-	34.9	58.7	100.0	48.2
Haryana	88.9	99.7	89.4	80.1	100.0	100.0	79.9	99.9	100.0	87.5
Himachal Pradesh**	19.6	49.7	1.5	12.4	24.8	-	16.1	-	-	19.7
Jammu & Kashmir	38.0	47.4	-	75.1	-	-	69.4	-	-	41.3
Jharkhand**	7.0	44.7	-	21.8	-	-	6.2	-	-	12.1
Karnataka	28.2	100.0	27.6	10.9	8.1	26.3	30.1	26.0	13.4	34.3
Kerala	97.9	16.1	0.0	-	-	-	22.1	-	-	20.5
Madhya Pradesh	50.5	99.5	8.2	45.9	0.2	69.1	4.8	49.8	53.3	36.5
Maharashtra**	16.4	100.0	20.8	9.0	0.4	22.8	3.6	2.7	16.7	18.7
Manipur**	24.6	-	-	-	-	-	-	-	-	18.8
Meghalaya	41.3	-	-	50.6	-	-	36.4	-	-	23.6
Mizoram	36.0	-	-	-	-	-	-	-	-	13.5

(Contd.)

Table 13.4 (Contd.)

State/UTs	Total Foodgrains	Sugarcane	Groundnut	Rapeseed and Mustard	Soyabean	Sunflower	Total Oilseeds	Cotton	Tobacco	Total Area under All Crops
(1)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
Nagaland	29.3	-	-	10.4	-	6.9	6.4	-	-	19.4
Odisha	29.0	100.0	19.8	36.6	-	-	16.0	-	-	28.9
Punjab	98.7	96.2	41.5	89.9	-	94.7	84.3	100.0	-	98.3
Rajasthan	27.7	98.3	76.6	85.0	0.2	100.0	57.0	93.0	75.5	36.3
Sikkim**	17.8	-	-	20.0	1.5	-	12.2	-	-	13.7
Tamil Nadu	63.5	100.0	40.0	2.6	99.4	76.8	62.4	29.1	100.0	59.7
Tripura**	37.4	4.8	17.9	3.7	-	-	5.5	5.4	-	34.9
Uttarakhand	44.0	98.8	6.3	44.6	2.9	29.2	25.7	0.0	50.0	49.0
Uttar Pradesh**	76.1	93.1	3.2	80.7	0.8	94.1	46.4	98.1	100.0	76.7
West Bengal**	49.3	59.3	-	88.1	-	-	82.6	79.2	97.5	58.1
All India	49.8	94.3	24.3	73.2	0.6	32.4	27.6	35.9	50.9	46.9

Source: Directorate of Economics & Statistics, Department of Agriculture & Cooperation.

Note: ** 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*

States/UTs/Year	Geographical Area	Reporting Area for Land Utilization Statistics	Forest	Land not Available for Cultivation	Other Uncultivated Land Excluding Fallow Land							Fallow Land		Net Area Sown	Total Cropped Area	Agri. Land/Cultivable Land/Culturable Land/Arable Land	Cropping Intensity
					Permanent Pastures and Tree Crops Other and Groves Grazing not Includ. Land in Net	Land under Misc. Waste Land	Culturable	Total	Fallow Land	Current Fallow	Total						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)		
Andhra Pradesh																	
2009-10	27507	27505	6210	4808	566	295	647	1508	1627	3361	4987	9991	12560	15921	125.7		
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		
Arunachal Pradesh																	
2009-10	8374	5661	5154	64	18	38	64	120	70	40	110	212	276	424	130.2		
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		
Assam																	
2009-10	7844	7850	1853	2626	160	196	77	432	50	79	128	2811	4099	3211	145.9		
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		
Bihar																	
2009-10	9416	9360	622	2121	16	244	45	305	122	858	980	5332	7296	6601	136.8		
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		

(Contd.)

Table 13.5 (Contd.)

States/UTs/Year	Geographical Area	Reporting Area for Land Utilization Statistics	Forest	Land not Available for Cultivation	Permanent Pastures and Other Grazing Land	Land under Misc. Crops and Groves not Includ. in Net Area Sown	Culturable Waste Land	Total	Fallow Land	Current Fallow	Total	Net Area Sown	Total Cropped Area	Agri. Land/Cultivable Land/Culturable Land/Arable Land	Cropping Intensity
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Chhattisgarh															
2009-10	13519	13790	6349	1012	859	1	351	1211	262	272	535	4683	5561	5570	118.7
2010-11	13519	13790	6336	1019	855	1	355	1211	275	253	528	4697	5671	5580	120.8
2011-12	13519	13790	6352	1017	863	1	352	1216	257	270	527	4677	5664	5557	121.1
Goa															
2009-10	370	361	125	37	1	1	53	54		12	12	132	160	197	121.8
2010-11	370	361	125	37	1	1	53	54		13	13	131	160	197	122.1
2011-12	370	361	125	37	1	1	53	54		12	12	132	164	197	124.4
Gujarat															
2009-10*	19602	19069	1834	3723	851	4	1960	2815	16	379	395	10302	11085	12661	107.6
2010-11*	19602	19069	1834	3723	851	4	1960	2815	16	379	395	10302	12247	12661	118.9
2011-12*	19602	19069	1834	3723	851	4	1960	2815	16	379	395	10302	13093	12661	127.1
Haryana															
2009-10	4421	4371	40	574	28	12	29	70	5	133	138	3550	6351	3730	178.9
2010-11	4421	4370	39	624	27	11	27	65	3	122	125	3518	6505	3681	184.9
2011-12	4421	4371	39	606	28	9	27	64	21	128	149	3513	6489	3698	184.7

Himachal Pradesh

2009-10	5567	4559	1106	1132	1504	68	128	1700	22	60	82	538	941	817	174.7
2010-11*	5567	4559	1106	1132	1504	68	128	1700	22	60	82	538	955	817	177.3
2011-12*	5567	4559	1106	1132	1504	68	128	1700	22	60	82	538	951	817	176.6

Jammu & Kashmir

2009-10	22224	3781 *	2023 *	580	120	63	149	333	26	84	110	735	1145	1058	155.7
2010-11	22224	3781*	2023*	578	119	66	135	321	26	101	127	732	1140	1061	155.8
2011-12	22224	3781*	2023*	572	123	61	135	319	13	108	121	746	1161	1063	155.6

Jharkhand

2009-10	7972	7970	2239	1332	110	93	336	539	1045	1564	2609	1250	1399	4288	111.9
2010-11	7972	7970	2239	1332	110	93	336	539	1045	1729	2774	1085	1249	4288	115.1
2011-12*	7972	7970	2239	1332	110	93	336	539	1045	1729	2774	1085	1255	4288	115.6

Karnataka

2009-10	19179	19050	3072	2174	914	288	413	1615	484	1301	1785	10404	12873	12891	123.7
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

Kerala

2009-10	3886	3886	1082	501	0	4	98	103	45	77	122	2079	2669	2303	128.4
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

Madhya Pradesh

2009-10	30825	30756	8689	3432	1338	24	1147	2508	608	547	1155	14972	21411	17298	143.0
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

(Contd.)

Table 13.5 (Contd.)

States/UTs/Year	Geogra- phical Area	Reporting Area for Land Utilization Statistics	Forest Area	Land not Available for Culti- vation	Land (5)	Perma- nent Pastures and Other Grazing Land	Land under Misc. Tree Crops and Groves not Inclu. in Net Area Sown	Other Uncultivated Land Fallow Land	Total Excluding Fallow Land	Fallow Land Current Fallow Other than Current Fallow	(12)	(13)	(14)	(15)	Cropp- ing Inten- sity
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Maharashtra															
2009-10*	30771	30758	5215	3172	1242	250	917	2409	1189	1373	2562	17401	22612	21130	129.9
2010-11*	30771	30758	5216	3179	1242	250	919	2412	1179	1366	2545	17406	23175	21121	133.1
2011-12*	30771	30758	5211	3179	1244	250	919	2413	1192	1378	2570	17386	21915	21125	126.1
Manipur*															
2009-10	2233	2011	1742*	27	1	6	1	8	0	0	0	234	234	240	100.0
2010-11	2233	2125	1742*	27	1	6	1	8	0	0	0	348	348	355	100.0
2011-12	2233	2142	1742*	27	1	6	1	8	0	0	0	365	365	372	100.0
Meghalaya															
2009-10	2243	2229	946	231	162	162	394	556	155	58	213	283	336	1052	118.9
2010-11	2243	2235	946	238	163	163	392	555	155	58	213	284	338	1052	119.0
2011-12	2243	2241	946	239	164	164	391	555	155	60	215	285	339	1056	118.9
Mizoram															
2009-10	2108	2101	1585	95	5	39	7	51	181	66	247	123	123	415	100.0
2010-11	2108	2099	1585	95	5	37	7	49	182	67	249	121	121	414	100.0
2011-12	2108	2075	1585	95	5	41	7	53	183	61	244	97	97	389	100.0

Nagaland														
2009-10	1658	1621	861	89	107	43	150	101	59	160	361	486	671	134.8
2010-11	1658	1625	863	89	103	52	155	100	55	155	362	452	673	124.9
2011-12	1658	1644	863	95	92	67	159	98	49	147	379	474	686	125.0
Odisha														
2009-10	15571	15536	5814	2306	518	218	487	1223	573	859	1432	4761	5510	6898
2010-11	15571	15472	5814	2279	513	220	520	1253	567	877	1444	4682	5429	6866
2011-12	15571	15367	5814	2297	508	200	536	1244	622	997	1619	4394	4964	6749
Punjab														
2009-10	5036	5033	295	528	4	5	3	11	4	37	40	4158	7875	4206
2010-11	5036	5033	294	533	4	4	4	12	4	33	37	4158	7883	4202
2011-12	5036	5033	293	486	4	7	63	74	0	45	45	4134	7905	4250
Rajasthan														
2009-10	34224	34270	2735	4268	1697	17	4475	6190	2048	2055	4103	16974	21745	25569
2010-11	34224	34270	2743	4268	1694	21	4233	5949	1726	1235	2962	18349	26002	25565
2011-12	34224	34267	2747	4271	1694	21	4169	5884	1855	1477	3331	18034	24505	25555
Sikkim														
2009-10	710	693	584*	11	8	3	11	4	5	9	77	144	98	186.0
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
Tamil Nadu														
2009-10	13006	13033	2127	2666	110	253	326	689	1542	1117	2659	4892	5572	8131
2010-11	13006	13033	2125	2666	110	252	331	693	1580	1015	2595	4954	5753	8132
2011-12	13006	13033	2125	2669	110	252	329	691	1594	967	2561	4986	5890	8129

(Contd.)

Table 13.5 (Contd.)

States/UTs/Year	Geographical Area	Reporting Area for Land Utilization Statistics	Forest Land	Land not Available for Cultivation	Other Uncultivated Land Excluding Fallow Land				Fallow Land		Net Area Sown	Total Cropped Area	Agri. Land/Cultivable Land/Culturable Land/Arable Land	Cropping Intensity	
					Permanent Pastures and Other Grazing Land	Land under Misc. Tree Crops and Groves not Includ. in Net Area Sown	Culturable Waste Land	Total	Fallow Land	Current Fallow					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Tripura															
2009-10	1049	1049	629	141	2	14	4	20	2	2	4	256	267	277	104.4
2010-11*	1049	1049	629	141	2	14	4	20	2	2	4	256	350	277	136.9
2011-12*	1049	1049	629	141	2	14	4	20	2	2	4	256	371	277	145.2
Uttarakhand															
2009-10	5348	5672	3485	441	198	383	309	891	82	37	119	737	1166	1548	158.4
2010-11	5348	5673	3485	442	199	386	310	894	84	43	128	723	1170	1547	161.7
2011-12	5348	5673	3485	443	199	386	311	895	87	48	135	714	1132	1546	158.5
Uttar Pradesh															
2009-10	24093	24170	1662	3295	65	360	431	856	537	1232	1769	16589	25440	19148	153.4
2010-11	24093	24170	1658	3321	66	354	426	846	538	1215	1753	16593	25368 *	19126	152.9
2011-12	24093	24170	1656	3350	66	350	420	836	533	1173	1705	16623	25809 *	19099	155.3
West Bengal															
2009-10	8875	8684	1174	1820	6	55	31	92	20	323	342	5256	9530	5684	181.3
2010-11	8875	8684	1174	1840	5	53	29	87	18	584	602	4981	8832	5666	177.3
2011-12	8875	8684	1174	1810	4	52	31	86	18	399	417	5198	9353	5697	179.9

Andaman & Nicobar Islands

2009-10	825	757	717	9	4	4	3	11	3	3	6	15	17	28	112.4
2010-11*	825	757	717	9	4	4	3	11	3	3	6	15	19	28	128.8
2011-12*	825	757	717	9	4	4	3	11	3	3	6	15	18	28	121.4

Chandigarh

2009-10*	11	7	0	5	0	0	0	0	0	0	0	1	2	2	151.5
2010-11*	11	7	0	5	0	0	0	0	0	0	0	1	2	2	151.5
2011-12*	11	7	0	5	0	0	0	0	0	0	0	1	2	2	151.5

Dadra & Nagar Haveli

2009-10	49	49	20	4	1	0	0	1	4	2	6	18	23	24	128.1
2010-11	49	49	20	4	1	0	0	1	4	2	6	17	22	24	124.8
2011-12*	49	49	20	4	1	0	0	1	4	2	6	17	22	24	125.0

Daman & Diu

2009-10	11	4	0	0	0	0	0	1	0	0	0	3	3	4	100.0
2010-11	11	4	0	0	0	0	0	1	0	0	0	3	3	4	100.0
2011-12	11	4	0	0	0	0	0	1	0	0	0	3	3	4	104.7

Delhi

2009-10	148	147	1	93	0	1	10	11	8	12	20	22	46	53	204.3
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

Lakshadweep

2009-10	3	3	1	1	0	0	0	0	0	0	0	2	3	2	118.6
2010-11	3	3	1	1	0	0	0	0	0	0	0	2	3	2	130.4
2011-12	3	3	1	1	0	0	0	0	0	0	0	2	3	2	130.4

(Contd.)

Table 13.5 (Contd.)

States/UTs/Year	Geogra- phical Area	Reporting Area for Land Utilization Statistics	Forest	Land not Available for Culti- vation	Land	Other Uncultivated Land Excluding Fallow Land				Fallow Land		Net Area Sown	Total Cropped Area	Agri. Land/ Cultivable Land/ Culturable Land/Arable Land	Cropp- ing Inten- sity
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Puducherry															
2009-10	48	49		19		1	4	6	3	3	6	19	32	30	170.3
2010-11	48	49		19		1	5	6	2	3	6	19	31	30	169.3
2011-12	48	49	0	18		1	5	6	2	4	6	18	27	30	151.6
All India															
2009-10	328726	305844	69990	43334	10340	3214	12945	26499	10838	16009	26847	139173	188992	182179	135.8
2010-11	328726	305903	70009	43575	10301	3208	12650	26159	10324	14278	24602	141559	197323	182018	139.4
2011-12	328726	305815	70015	43521	10296	3164	12636	26096	10666	14715	25381	140801	195246	181983	138.7

Source: Directorate of Economics & Statistics, Department of Agriculture & Cooperation.

Note: * Provisional data, '0' relates to the area below 500 ha.

Table 13.6 Potential Created under Accelerated Irrigation Benefit Programme (AIBP)

State	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	Potential Created during 1996-97 to 2011-12
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Andhra Pradesh	48.98	68.21	112.00	20.17	99.23	0.00	575.92
Assam	9.00	4.41	9.85	7.16	26.71	0.00	125.54
Bihar	92.75	40.56	8.00	133.47	0.00	0.00	587.79
Chhattisgarh	13.55	2.82	19.37	22.40	2.83	4.60	157.89
Goa	0.41	5.70	1.50	0.00	0.80	0.17	15.47
Gujarat	133.17	70.00	22.11	11.79	28.89	21.27	597.52
Haryana	10.86	0.00	0.00	0.00	0.00	0.00	109.10
Himachal Pradesh	0.00	8.52	2.68	3.38	0.00	3.87	20.73
Jammu & Kashmir	14.13	15.95	3.20	1.52	1.24	8.63	63.94
Jharkhand	0.95	0.00	0.00	1.01	0.00	0.00	13.08
Karnataka	46.83	27.13	3.19	108.52	0.00	0.00	570.55
Kerala	2.57	0.00	0.00	0.92	7.55	7.55	48.64
Madhya Pradesh	43.69	84.44	31.58	82.09	74.80	78.05	500.79
Maharashtra	59.80	74.33	87.90	60.19	22.66	39.52	552.70
Manipur	0.00	7.00	4.14	1.80	4.00	0.00	20.94
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Odisha	21.03	17.03	10.73	29.44	40.11	0.00	240.85
Punjab	0.00	0.00	27.44	12.89	32.02	0.00	173.35
Rajasthan	134.36	39.60	50.50	46.01	30.79	11.93	674.31

(Contd.)

Table 13.6 (Contd.)

State	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	Potential Created during 1996-97 to 2011-12
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Tripura	0.00	1.04	4.03	4.27	0.51	0.00	15.63
Tamil Nadu	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Uttar Pradesh/Uttarakhand	231.31	40.00	104.85	199.80	127.00	11.67	1750.50
West Bengal	8.89	14.45	4.85	5.55	15.27	0.00	124.99
Total	872.30	521.20	507.92	752.38	514.42	187.26	6940.21
Contribution of Minor Irrigation Scheme	80.95	118.25	184.86	156.33	153.87	267.17	1114.39
Grand total	953.25	639.45	692.78	908.70	668.29	454.43	8054.61

Source: Ministry of Water Resources.

14

Inputs

Table 14.1 Production and Use of Agricultural Inputs in India

Programme	Unit	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. Seeds								
(i) Production of Breeder Seeds	Thousand Qtls	42.69	45.54	48.42	61.82	66.46	68.64	73.83
(ii) Production of Foundation Seeds	Lakh Qtls	5.91	5.44	6.14	6.50	6.90	7.40	7.96
(iii) Distribution of Certified/ Quality Seeds	Lakh Qtls	86.27	91.80	98.03	108.59	120.26	126.75	155.01
2. Consumption of Chemical Fertilizers								
Nitrogenous (N)	Thousand Tonnes	10920	11310	10474	11076	11714	12723	13774
Phosphatic (P)	Thousand Tonnes	4215	4382	4019	4124	4624	5204	5543
Potassic (K)	Thousand Tonnes	1567	1667	1601	1598	2060	2413	2335
Total (N + P + K)	Thousand Tonnes	16702	17360	16094	16798	18398	20340	21651
Per Hectare**	Kg	89.63	91.13	91.45	88.05	94.52	105.50	111.76
3. Consumption of Pesticides (Technical Grade Material)								
	Thousand tonnes	43.58	47.02	48.30	41.00	40.67	39.77	41.51
4. Area Covered Under Soil Conservation (Cumulative)								
	Lakh Hectares	4.36	4.70	4.30	5.55	7.37	8.67	11.41

Programme	Unit	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
(1)	(2)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1. Seeds								
(i) Production of Breeder Seeds	Thousand Qtls	91.96	94.41	102.00	118.85	123.38	110.20	82.29
(ii) Production of Foundation Seeds	Lakh Qtls	8.22	9.69	10.50	17.53	21.86	16.17	17.43
(iii) Distribution of Certified/ Quality Seeds	Lakh Qtls	179.05	215.81	257.11	277.34	294.85	313.44	301.39
2. Consumption of Chemical Fertilizers								
Nitrogenous (N)	Thousand Tonnes	14419	15090	15580	16558	17300	16821	16750
Phosphatic (P)	Thousand Tonnes	5515	6506	7274	8050	7914	6653	5633
Potassic (K)	Thousand Tonnes	2636	3313	3632	3514	2576	2062	2099
Total (N + P + K)	Thousand Tonnes	22570	24909	26486	28122	27790	25536	24482
Per Hectare**	Kg	115.27	127.53	140.15	142.52	142.33	130.79	125.39
3. Consumption of Pesticides (Technical Grade Material)	Thousand Tonnes	43.63	43.86	41.82	55.54	52.98	45.62*	58.21*
4. Area Covered Under Soil Conservation (Cumulative)	Lakh Hectares	7.34	6.90	5.32	7.49	4.72	5.46	5.46

Sources: 1. Department of Agriculture & Cooperation, New Delhi.

2. States/UTs Zonal Conference, Kharif and Rabi.

Notes: * updated on 30 April 2014.

** Based on 2009-10 Provisional Gross Cropped Area.

Table 14.2 All-India Consumption of Fertilizers in Terms of Nutrients (N, P and 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
1999-2000	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

Source: Department of Agriculture & Cooperation.

Note: Figures up to 1982-83 relate to February to January and for later years as April to March.

Table 14.3 Consumption, Production and Import of Fertilizers

Year	Consumption				Production				Imports				C&F Value of Imports (Crore)	Lakh Tonnes
	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	
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	(Contd.)

(Contd.)

Table 14.3 (Contd.)

Year	Consumption				Production				Imports				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)
1999-2000	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	180.36	59.55	18.13	258.04	121.94	35.41	0.00	157.35	46.90	27.78	12.30	86.98	15980.22
2013-14	165.25	54.58	19.76	239.59	123.78	37.14	0.00	160.92	38.08	15.90	13.33	67.31	

Source: Department of Fertilizers, Ministry of Chemicals & Fertilizers.

Notes: 1. Figures relate to imports made on government account only.

2. The imports made after decanalization of phosphatic fertilizers (w.e.f. 17 September 1992) and potassic fertilizers (w.e.f. 17 June 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 Fertilizers

S. No.	State/Zone	2011-12					2012-13					2013-14					Thousand Tonnes
		N	P	K	Total	N	P	K	Total	N	P	K	Total				
														(3)	(4)	(5)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)				
South Zone																	
1	Andhra Pradesh	1977.29	1043.02	322.04	3342.35	1780.92	713.92	252.26	2747.10	2112.65	747.42	259.36	3119.43				
2	Karnataka	1215.94	786.76	332.85	2335.55	891.69	389.64	249.87	1531.20	945.11	442.20	253.40	1640.71				
3	Kerala	135.54	66.16	99.63	301.33	123.14	62.98	91.05	277.17	135.91	70.34	115.92	322.17				
4	Tamil Nadu	684.56	316.39	263.96	1264.91	574.62	223.02	149.18	946.82	549.35	197.11	159.20	905.66				
5	Puducherry	14.61	3.90	3.06	21.57	11.34	2.82	1.63	15.79	12.13	2.09	1.53	15.75				
6	Andaman & Nicobar Islands	0.37	0.37	0.17	0.91	0.43	0.32	0.25	1.00	0.46	0.35	0.29	1.10				
7	Lakshadweep	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
Sub-total (South Zone)		4028.31	2216.60	1021.71	7266.62	3382.14	1392.70	744.24	5519.08	3755.61	1459.51	789.70	6004.82				
West Zone																	
8	Gujarat	1183.30	417.02	132.74	1733.06	1007.70	257.82	76.45	1341.97	1158.93	315.38	90.60	1564.91				
9	Madhya Pradesh	1061.75	750.76	79.47	1891.98	1082.72	715.61	70.97	1869.30	1210.35	634.38	56.31	1901.04				
10	Chhattisgarh	356.40	177.33	61.84	595.57	375.18	180.00	46.52	601.70	357.27	162.65	47.74	567.66				
11	Maharashtra	1610.91	1011.76	399.48	3022.15	1368.29	715.82	388.51	2472.62	1586.83	773.38	424.55	2784.76				
12	Rajasthan	913.49	416.11	26.18	1355.78	966.56	356.11	21.53	1344.20	930.52	281.96	5.16	1217.64				
13	Goa	3.06	2.67	1.89	7.62	2.78	1.63	0.97	5.38	2.99	1.32	0.91	5.22				
14	Daman & Diu	0.06	0.01	0.00	0.07	0.14	0.02	0.01	0.17	0.08	0.02	0.01	0.11				
15	Dadra & Nagar Haveli	0.60	0.41	0.00	1.01	0.58	0.38	0.00	0.96	0.54	0.35	0.01	0.90				
Sub-total (West zone)		5129.57	2776.07	701.60	8607.24	4803.95	2227.39	604.96	7636.30	5247.51	2169.44	625.29	8042.24				

(Contd.)

Table 14.4a (Contd.)

S. No.	State/Zone	2011-12				2012-13				2013-14			
		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)
North Zone													
16	Haryana	1020.90	369.62	37.53	1428.05	1022.99	310.56	16.65	1350.20	950.56	198.46	15.65	1164.67
17	Punjab	1416.56	448.65	52.85	1918.06	1485.70	462.48	24.06	1972.24	1364.02	325.23	24.02	1713.27
18	Uttar Pradesh	3067.10	1024.23	166.42	4257.75	3351.79	1166.43	132.76	4650.98	2972.62	764.65	104.77	3842.04
19	Uttarakhand	123.78	32.31	10.34	166.43	121.29	23.78	7.44	152.51	134.58	21.78	6.42	162.78
20	Himachal Pradesh	32.80	9.70	8.93	51.43	33.72	6.82	7.13	47.67	33.31	8.26	8.59	50.16
21	Jammu & Kashmir	66.13	28.65	5.29	100.07	75.83	24.10	9.75	109.68	67.14	25.39	10.88	103.41
22	Delhi	0.35	0.22	0.01	0.58	1.13	0.07	0.00	1.20	3.64	0.00	0.00	3.64
23	Chandigarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sub-total (North Zone)		5727.62	1913.38	281.37	7922.37	6092.45	1994.24	197.79	8284.84	5525.87	1343.77	170.33	7030.97
East Zone													
24	Bihar	967.78	297.01	115.36	1380.15	1111.16	325.60	90.03	1526.79	954.95	209.85	95.98	1260.78
25	Jharkhand	118.02	42.01	11.34	171.37	111.83	76.08	9.71	197.62	82.48	17.31	3.69	103.48
26	Odisha	323.41	135.48	55.80	514.69	315.04	124.19	50.97	490.20	312.99	117.71	56.44	487.14
27	West Bengal	831.99	476.17	309.04	1617.20	824.00	453.67	282.73	1560.40	692.96	262.94	270.95	1226.85
Sub-total (East Zone)		2241.20	950.67	491.54	3983.41	2362.03	979.54	433.44	3775.01	2043.38	607.81	427.06	3078.25
North-East Zone													
28	Assam	151.05	49.08	75.52	275.65	151.05	49.08	75.52	275.65	151.26	41.70	80.08	273.04
29	Tripura	10.42	5.49	2.73	18.64	13.68	7.23	4.53	25.44	10.66	7.89	4.35	22.90
30	Manipur	6.59	0.97	0.44	8.00	9.08	1.28	0.48	10.84	8.27	1.37	1.16	10.80
31	Meghalaya	3.27	1.24	0.25	4.76	3.36	1.15	0.34	4.85	3.51	1.04	0.27	4.82

32	Nagaland	0.75	0.49	0.20	1.44	1.10	0.69	0.38	2.17	1.07	0.70	0.34	2.11
33	Arunachal Pradesh	0.55	0.10	0.03	0.68	0.45	0.03	0.09	0.57	0.00	0.00	0.00	0.00
34	Mizoram	0.92	0.21	0.06	1.19	1.64	0.09	0.03	1.76	2.94	0.23	0.29	3.46
35	Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sub-total (North-East Zone)		173.55	57.58	79.23	310.36	180.36	59.55	81.37	321.28	177.71	52.93	86.49	317.13
All-India		17300.3	7914.30	2575.45	27790.00	16820.93	6653.42	2061.80	25536.15	16750.08	5633.46	2098.87	24482.41

Source: Department of Agriculture and Cooperation, INM Division.

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

S. No.	State/Zone	2011-12						2012-13			2013-14			Kg/Hectare
		N		P		K		N		P		K		
		(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
South Zone														
1	Andhra Pradesh	143.71	75.81	23.41	242.92	129.44	51.89	18.33	199.66	153.55	54.32	18.85	226.72	
2	Karnataka	100.83	65.24	27.60	193.68	73.94	32.31	20.72	126.98	78.37	36.67	21.01	136.06	
3	Kerala	50.92	24.85	37.43	113.20	46.26	23.66	34.20	104.12	51.06	26.42	43.55	121.03	
4	Tamil Nadu	116.22	53.72	44.81	214.76	97.56	37.86	25.33	160.75	93.27	33.47	27.03	153.76	
5	Puducherry	541.11	144.44	113.33	798.89	420.00	104.44	60.37	584.81	449.26	77.41	56.67	583.33	
6	A&N Islands	20.56	20.56	9.44	50.56	23.89	17.78	13.89	55.56	25.56	19.44	16.11	61.11	
7	Lakshadweep	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Average (South Zone)		117.04	64.40	29.69	211.13	98.27	40.46	21.62	160.35	109.12	42.41	22.94	174.47	
West Zone														
8	Gujarat	90.38	31.85	10.14	132.37	76.96	19.69	5.84	102.50	88.52	24.09	6.92	119.52	
9	Madhya Pradesh	47.16	33.34	3.53	84.03	48.09	31.78	3.15	83.02	53.76	28.17	2.50	84.43	
10	Chhattisgarh	62.92	31.31	10.92	105.15	66.24	31.78	8.21	106.23	63.08	28.72	8.43	100.22	
11	Maharashtra	73.51	46.17	18.23	137.90	62.44	32.66	17.73	112.83	72.41	35.29	19.37	127.07	
12	Rajasthan	37.28	16.98	1.07	55.33	39.44	14.53	0.88	54.85	37.97	11.51	0.21	49.69	
13	Goa	18.66	16.28	11.52	46.46	16.95	9.94	5.91	32.80	18.23	8.05	5.55	31.83	
14	Daman & Diu	20.00	3.33	0.00	23.33	46.67	6.67	3.33	56.67	26.67	6.67	3.33	36.67	
15	D&N Haveli	27.27	18.64	0.00	45.91	26.36	17.27	0.00	43.64	24.55	15.91	0.45	40.91	
Average (West Zone)		58.37	31.59	7.98	97.94	54.66	25.35	6.88	86.89	59.71	24.69	7.12	91.51	
North Zone														
16	Haryana	157.33	56.96	5.78	220.07	157.65	47.86	2.57	208.08	146.49	30.58	2.41	179.48	
17	Punjab	179.20	56.76	6.69	242.64	187.94	58.50	3.04	249.49	172.55	41.14	3.04	216.73	

18	Uttar Pradesh	118.84	39.68	6.45	164.97	129.87	45.19	5.14	180.21	115.18	29.63	4.06	148.86
19	Uttarakhand	109.35	28.54	9.13	147.02	107.15	21.01	6.57	134.73	118.89	19.24	5.67	143.80
20	Himachal Pradesh	34.49	10.20	9.39	54.08	35.46	7.17	7.50	50.13	35.03	8.69	9.03	52.74
21	Jammu & Kashmir	56.96	24.68	4.56	86.19	65.31	20.76	8.40	94.47	57.83	21.87	9.37	89.07
22	Delhi	8.97	5.64	0.26	14.87	28.97	1.79	0.00	30.77	93.33	0.00	0.00	93.33
23	Chandigarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average (North Zone)		131.71	44.00	6.47	182.17	140.09	45.86	4.55	190.50	127.07	30.90	3.92	161.88
East Zone													
24	Bihar	126.56	38.84	15.09	180.48	145.31	42.58	11.77	199.66	124.88	27.44	12.55	164.87
25	Jharkhand	94.04	33.47	9.04	136.55	89.11	60.62	7.74	157.47	65.72	13.79	2.94	82.45
26	Odisha	65.15	27.29	11.24	103.68	63.46	25.02	10.27	98.75	63.05	23.71	11.37	98.13
27	West Bengal	88.95	50.91	33.04	172.91	88.10	48.51	30.23	166.83	74.09	28.11	28.97	131.17
Average (East Zone)		96.52	40.94	21.17	158.64	101.73	42.19	18.67	162.58	88.00	26.18	18.39	132.57
North-East Zone													
28	Assam	36.19	11.76	18.09	66.04	36.19	11.76	18.09	66.04	36.24	9.99	19.19	65.41
29	Tripura	28.09	14.80	7.36	50.24	36.87	19.49	12.21	68.57	28.73	21.27	11.73	61.73
30	Manipur	18.05	2.66	1.21	21.92	24.88	3.51	1.32	29.70	22.66	3.75	3.18	29.59
31	Meghalaya	9.65	3.66	0.74	14.04	9.91	3.39	1.00	14.31	10.35	3.07	0.80	14.22
32	Nagaland	1.58	1.03	0.42	3.04	2.32	1.46	0.80	4.58	2.26	1.48	0.72	4.45
33	Arunachal Pradesh	1.96	0.36	0.11	2.42	1.60	0.11	0.32	2.03	0.00	0.00	0.00	0.00
34	Mizoram	9.48	2.16	0.62	12.27	16.91	0.93	0.31	18.14	30.31	2.37	2.99	35.67
35	Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average (North-East Zone)		27.82	9.23	12.70	49.75	28.91	9.55	13.04	51.50	28.49	8.49	13.87	50.84
All India (Average)		88.61	40.54	13.19	142.33	86.15	34.08	10.56	130.79	85.79	28.85	10.75	125.39

Source: Department of Agriculture and Cooperation, INM Division.

Table 14.5(a) Fertilizer Consumption per Hectare of Agricultural Land in Select Countries

Continent/Country	2010				2011				Kg/Hectare
	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)	
Africa									
Egypt	315.6	40.9	13.9	370.5	329.3	40.7	13.9	383.9	
Morocco	6.8	3.8	1.6	12.2	6.6	3.7	1.3	11.7	
South Africa	4.1	1.8	1.1	7.0	4.3	1.9	1.3	7.5	
North and Central America									
Canada	31.5	11.4	4.9	47.8	36.7	12.8	4.7	54.2	
USA	28.3	9.5	10.1	48.0	29.3	9.8	10.6	49.7	
Latin America and the Caribbean									
Brazil	10.4	12.4	14.2	37.1	12.2	14.0	16.1	42.4	
Chile	17.0	8.3	6.0	31.3	17.2	8.8	6.0	31.9	
Mexico	11.3	2.9	2.7	17.0	11.5	2.7	2.7	16.9	
Asia									
Bangladesh	130.9	39.0	20.7	190.6	131.5	50.4	31.7	213.5	
China, Main	62.8	23.3	10.0	96.2	65.1	22.2	10.0	97.3	
India	92.1 (83.2)	44.8 (40.5)	19.6 (17.7)	156.4 (141.3)	96.2 (86.9)	44.0 (39.8)	14.3 (12.9)	154.6 (139.7)	
Indonesia	55.8	9.2	22.9	87.8	57.3	10.6	25.7	93.6	
Japan	88.2	83.9	67.5	239.5	77.0	78.9	72.4	228.2	
Republic of Korea	157.9	56.4	67.7	282.0	154.3	51.3	65.5	271.1	
Malaysia	68.9	35.6	146.1	250.6	71.2	38.2	158.8	268.2	

Nepal	3.5	3.5	0.2	7.3	4.7	4.7	0.2	9.6
Pakistan	119.0	29.1	1.2	149.3	120.8	23.8	1.1	145.7
Sri Lanka	66.7	21.0	26.7	114.4	68.2	22.9	28.6	119.8
Thailand	62.2	14.3	14.7	91.3	65.8	18.5	21.7	106.0
Turkey	34.4	13.2	2.1	49.8	32.9	12.3	2.6	47.9
Viet Nam	116.1	60.4	37.1	213.6	119.9	62.7	40.6	223.2
Europe								
Belarus	60.2	27.0	74.2	161.4	68.6	30.2	75.0	173.9
Denmark	74.1	9.9	20.9	105.0	67.7	9.7	20.1	97.4
France	80.0	17.2	20.5	117.7	69.2	14.9	16.5	100.6
Germany	106.9	17.1	26.0	150.1	98.1	14.8	23.1	136.0
Netherlands	123.1	12.6	21.0	156.7	120.9	11.1	20.6	152.5
Poland	73.3	26.4	29.8	129.6	74.0	26.1	29.3	129.3
Russian Federation	6.9	2.5	1.6	11.1	7.8	2.5	1.7	12.0
Spain	35.1	13.4	13.2	61.7	29.2	13.0	10.7	52.9
UK	59.2	11.0	15.6	85.7	58.7	10.7	15.1	84.5
Ukraine	15.8	4.1	2.7	22.5	21.8	4.7	4.1	30.6
Oceania								
Australia	2.5	2.0	0.4	4.9	2.7	2.1	0.4	5.3
New Zealand	32.3	29.7	9.4	71.4	32.3	29.6	9.9	71.9
World	21.3	8.3	5.6	35.2	22.0	8.3	5.7	35.9

Source: *Fertilizer Statistics 2012-13*, The Fertilizer Association of India, New Delhi.

Note: Figures in parentheses represent fertilizer consumption per hectare of gross cropped area.

Table 14.5(b) Fertilizer Consumption per Hectare of Arable Land and Land under Permanent Crops in Select Countries

Continent/Country	2010					2011				Kg/Hectare
	N	P ₂ O ₅	K ₂ O	Total	N	P ₂ O ₅	K ₂ O	Total		
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		
(1)										
Africa	315.6	40.9	13.9	370.5	329.3	40.7	13.9	383.9		
Egypt	22.8	12.7	5.2	40.7	22.0	12.2	4.4	38.6		
Morocco	30.5	13.3	8.3	52.0	33.7	14.9	9.7	58.3		
South Africa										
North and Central America										
Canada	41.1	14.9	6.4	62.5	47.9	16.7	6.2	70.8		
USA	71.7	24.1	25.6	121.4	74.1	24.8	26.7	125.6		
Latin America and the Caribbean										
Brazil	36.9	43.7	50.3	130.9	42.6	48.8	56.1	147.5		
Chile	154.8	75.5	54.6	284.9	152.8	78.2	53.0	284.0		
Mexico	41.7	10.8	10.0	62.5	42.2	10.0	9.7	61.9		
Asia										
Bangladesh	140.0	41.7	22.1	203.8	140.7	53.9	33.9	228.5		
China	258.8	96.1	41.3	396.1	267.6	91.0	41.2	399.8		
India	97.6 (83.2)	47.5 (40.5)	20.7 (17.7)	165.8 (141.3)	102.6 (86.9)	46.9 (39.8)	15.3 (12.9)	164.8 (139.7)		
Indonesia	69.8	11.5	28.7	110.0	71.8	13.3	32.2	117.3		
Japan	88.2	83.9	67.5	239.5	77.0	78.9	72.4	228.2		
Republic of Korea	163.3	58.3	70.0	291.5	159.6	53.0	67.7	280.3		
Malaysia	71.5	36.9	151.6	260.0	73.8	39.6	164.8	278.2		

Nepal	6.1	6.1	0.4	12.5	8.1	8.1	0.4	16.6
Pakistan	146.9	35.8	1.5	184.2	148.8	29.4	1.3	179.5
Sri Lanka	80.1	25.2	32.1	137.5	82.0	27.5	34.4	143.9
Thailand	64.7	14.9	15.3	94.9	68.4	19.2	22.5	110.2
Turkey	55.1	21.1	3.4	79.6	53.3	20.0	4.2	77.5
Viet Nam	123.4	64.2	39.5	227.1	127.5	66.7	43.1	237.3
Europe								
Belarus	94.7	42.5	116.7	253.9	107.8	47.4	117.9	273.0
Denmark	80.2	10.7	22.7	113.6	72.7	10.4	21.6	104.7
France	120.2	25.8	30.8	176.8	103.9	22.3	24.8	151.0
Germany	148.3	23.8	36.0	208.0	135.8	20.5	32.0	188.3
Netherlands	214.5	21.9	36.5	273.0	212.3	19.5	36.2	267.9
Poland	94.6	34.1	38.4	167.1	95.1	33.5	37.7	166.3
Russian Federation	12.2	4.4	2.9	19.4	13.6	4.5	2.9	21.0
Spain	56.2	21.4	21.1	98.6	46.7	20.7	17.1	84.6
UK	169.4	31.5	44.5	245.4	165.1	30.0	42.5	237.5
Ukraine	19.5	5.1	3.3	27.9	27.0	5.8	5.1	37.8
Oceania								
Australia	22.9	19.0	3.9	45.8	22.9	18.2	3.7	44.8
New Zealand	645.8	594.7	187.7	1,428.2	678.0	621.8	208.5	1,508.3
World	67.6	26.3	17.8	111.7	69.5	26.3	17.9	113.7

Source: *Fertilizer Statistics 2012-13*, The Fertilizer Association of India, New Delhi.

Note: Figures in parentheses represent fertilizer consumption per hectare of gross cropped area.

Table 14.6 Application of Fertilizers on Paddy and Wheat in India

Particulars	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)
(Quantity in kgs)								
I. Paddy								
Quantity of Paddy required for Purchase								
(a) 1 kg N	1.84	1.69	1.41	1.17	1.05	1.15	1.07	0.93
(b) 1 kg of P ₂ O ₅								
• as SSP	2.85	2.72	2.27	2.36	2.13	2.00	1.85	3.25
	4.72	4.34	3.61				3.64	3.75
• as DAP	2.85	2.62	2.18	1.80	1.62	1.71	1.75	3.81
						to	to	
						1.89	3.67	
• as complex	3.08	2.83	2.36	1.80	1.62	2.02	NA	NA
	5.21	4.79	3.99			3.00		
(c) 1 kg of K ₂ O	1.30	1.20	1.00	0.83	0.74	0.74	0.93	2.27
						to	to	
						0.84	1.86	
II. Wheat								
Quantity of Wheat required for Purchase								
(a) 1 kg N	1.50	1.40	1.05	0.97	0.95	0.99	0.90	0.86
(b) 1 kg of P ₂ O ₅								
• as SSP	2.32	2.25	1.69	1.97	1.93	1.71	1.56	3.01
	3.84	3.58	2.69				3.06	3.47

• as DAP	2.32	2.16	1.62	1.50	1.47	1.46 to 1.61	1.47 to 3.08	3.53
• as complex	2.51 to 4.25	2.34 to 3.96	1.76 to 2.97	1.50	1.47	1.72 to 2.56	NA to NA	NA
(c) 1 kg of K ₂ O	1.06	0.99	0.74	0.69	0.68	0.64 to 0.72	0.78 to 1.57	2.10

Source: *Fertilizer Statistics 2012-13*, The Fertilizer Association of India, New Delhi.

Table 14.7 Crop-wise Distribution of Certified/Quality Seeds

Crops	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
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Cereals														
Wheat	27.04	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
Paddy	24.41	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
Maize	3.11	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
Jowar	2.39	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
Bajra	1.94	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
Ragi	0.19	0.14	0.24	0.21	0.25	0.22	0.21	0.27	0.25	0.05	0.26	0.26	0.29	0.29
Barley	0.39	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
Sub-total	59.47	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
Pulses														
Gram	1.09	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
Lentil	0.13	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
Peas	0.26	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
Urad	0.88	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
Moong	0.78	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
Arhar	0.58	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
Cowpea	0.06	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
Others	0.07	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
Sub-total	3.85	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

Oilseeds														
Groundnut	5.40	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
Rapeseed and Mustard	0.69	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
Til (Sesame)	0.10	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
Sunflower	0.42	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
Soya Bean	5.46	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
Linseed	0.01	0.02	0.01	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.04	0.02	0.02	0.05
Castor seed	0.39	0.26	0.37	0.39	0.41	0.50	0.36	0.42	0.42	0.29	0.31	0.67	0.68	0.51
Safflower	0.06	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
Others	0.01	0.01	0.04	0.14	0.15	0.23	0.20	0.01		0.01	0.01	0.01		0.01
Sub-total	12.54	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
Fibres														
Cotton	2.61	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
Jute	0.27	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
Mesta/Others	0.03	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
Sub-total	2.91	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
Other miscellaneous														
Potato	7.23	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
Others	0.27	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
Sub-total	7.50	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
Grand-total	86.27	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

Source: Department of Agriculture and Cooperation, Seeds Division.

Table 14.8(a) Consumption of Electricity for Agricultural Purposes

Year	Consumption for Agricultural Purposes (GWh)	Total Consumption (GWh)	% Share of Agricultural Consumption to Total Consumption
(1)	(2)	(3)	(4)
1982-83	17817	95589	18.64
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
1999-2000	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

Source: Central Electricity Authority, New Delhi.

Table 14.8(b) State-wise Consumption of Electricity for Agricultural Purposes in 2011-12

Region	States/UTs	Consumption for Agriculture Purpose (GWh)	Total Energy Sold (GWh)	% Share of Consumption for Agriculture
(1)	(2)	(3)	(4)	(5)
North	Haryana	9471.67	27614.00	34.30
	Himachal Pradesh	70.41	6843.82	1.03
	Jammu & Kashmir	140.67	4267.00	3.30
	Punjab	10248.62	33888.38	30.24
	Rajasthan	15351.69	37903.81	40.50
	Uttar Pradesh	8756.00	50592.00	17.31
	Uttarakhand	325.02	8252.72	3.94
	Chandigarh	1.27	1301.48	0.10
	Delhi	35.60	23015.49	0.15
	Sub-total	44400.95	193678.70	22.93
West	Gujarat	13492.34	57654.44	23.40
	Madhya Pradesh	8018.04	28540.78	28.09
	Chhattisgarh	2181.05	13178.37	16.55
	Maharashtra	24725.14	96642.38	25.58
	Goa	21.63	2973.03	0.73
	Daman & Diu	0.00	1771.00	0.00
	Dadra & Nagar Haveli	2.00	4139.00	0.05
	Sub-total	48440.20	204899.00	23.64
South	Andhra Pradesh	19076.05	70421.00	27.09
	Karnataka	15965.68	47455.84	33.64
	Kerala	295.29	15993.12	1.85
	Tamil Nadu	10761.00	61896.54	17.39
	Puducherry	56.56	2321.50	2.44
	Lakshadweep	0.00	33.54	0.00
	Sub-total	46154.58	198121.54	23.30
East	Bihar	348.37	6183.92	5.63
	Jharkhand	95.93	15594.83	0.62
	Odisha	151.45	13054.18	1.16
	West Bengal	1295.83	33903.33	3.82
	Andaman & Nicobar Islands	0.00	198.62	0.00
	Sikkim	0.00	370.62	0.00
	Sub-total	1891.58	69305.50	2.73
North-East	Assam	31.99	3969.24	0.81
	Manipur	0.83	324.83	0.26
	Meghalaya	0.41	1074.88	0.04

(Contd.)

Table 14.8b (*Contd.*)

Region	States/UTs	Consumption for Agriculture Purpose (GWh)	Total Energy Sold (GWh)	% Share of Consumption for Agriculture
(1)	(2)	(3)	(4)	(5)
	Nagaland	0.04	317.49	0.01
	Tripura	39.74	553.97	7.17
	Arunachal Pradesh	0.00	436.05	0.00
	Mizoram	0.09	252.05	0.04
	Sub-total	73.10	6928.51	1.06
	Total (All India)	140960.42	672933.25	20.95

Source: Central Electricity Authority, New Delhi.

Note: GWh Gigawatt hour.

Table 14.9 Flow of Institutional Credit to Agriculture Sector

Particulars/Agency	1999-2000	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*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
I. Production (ST) Credit															
Co-operative Banks	14771	16528	18787	19668	22640	27157	34930	38622	43294	40164	56946	64527	81829	102592	113574
RRBs	2423	3245	3777	4775	6088	10010	12712	16631	21133	22413	29802	37808	47401	55957	70697
Commercial Banks*	11697	13486	17904	21104	26192	38791	57640	83202	116966	147818	189908	216773	266928	314951	388730
Other Agencies	74	55	41	39	57	104	68			66				0	0
Sub-total (A)	28965	33314	40509	45586	54977	76062	105350	138455	181393	210461	276656	319108	396158	473500	573001
II. MT/LT Credit															
Co-operative Banks	3489	4190	4737	3968	4235	4074	4474	3858	4964	5802	6551	5578	6134	8611	6389
RRBs	749	974	1077	1295	1493	2394	2511	3804	4179	4352	5415	6160	7049	7724	11956
Commercial Banks*	13036	14321	15683	18670	26249	42690	67837	83283	64122	81133	95892	115933	101688	117540	120275
Other Agencies	29	28	39	41	27	89	314			160					
Sub-total (B)	17303	19513	21536	23974	32004	49247	75136	90945	73265	91447	107858	127671	114871	133875	138620
ST + MT/LT Credit															
Co-operative Banks	18260	20718	23524	23636	26875	31231	39404	42480	48258	45966	63497	70105	87963	111203	119963
RRBs	3172	4219	4854	6070	7581	12404	15223	20435	25312	26765	35217	43968	54450	63681	82653
Commercial Banks*	24733	27807	33587	39774	52441	81481	125477	166485	181088	228951	285800	332706	368616	432491	509005
Other Agencies	103	83	80	80	84	193	382	0	0	226	0	0	0	0	0
Grand-total (A+B)	46268	52827	62045	69560	86981	125309	180486	229400	254658	301908	384514	446779	511029	607375	711621

Source: Department of Agriculture and Cooperation, Credit Division.

Notes: *Provisional

ST Short term.

MT Medium term.

LT Long term.

Table 14.10 State-wise Number of Kisan Credit Cards Issued up to 31 March 2014

S. No. (1)	State/UT (2)	Cooperative Banks (3)	Regional Rural Banks (4)	Commercial Banks (5)	Total (6)
1	Andhra Pradesh	2967956	1492080	12226556	16686592
2	Assam	21544	331891	637839	991274
3	Arunachal Pradesh [#]	221	3194	28327	31742
4	Bihar	661639	1123603	2512033	4297275
5	Gujarat	1464068	246828	1913446	3624342
6	Goa	6194	0	14854	21048
7	Haryana	1318567	192028	1077370	2587965
8	Himachal Pradesh	79276	33673	319334	432283
9	Jammu & Kashmir	29147	13946	26401	69494
10	Karnataka	2117709	767873	3340405	6225987
11	Kerala	725770	147989	1851893	2725652
12	Madhya Pradesh	4626521	496988	2341665	7465174
13	Maharashtra	4589383	252795	4266307	9108485
14	Meghalaya [#]	22029	13082	70047	105158
15	Mizoram [#]	616	6586	23688	30890
16	Manipur [#]	77	3284	33212	36573
17	Nagaland [#]	2071	860	36465	39396
18	Odisha	3116980	417857	1683610	5218447
19	Punjab	968717	100938	1677144	2746799
20	Rajasthan	3945005	488944	2488603	6922552
21	Sikkim [#] \$	6118	0	10963	17081
22	Tamil Nadu	1197669	259029	5499502	6956200

23	Tripura [#]	42301	97156	105838	245295
24	Uttar Pradesh	4073179	2927172	8611070	15611421
25	West Bengal	1775106	502309	2061493	4338908
26	Andhra & Nicobar Island [#]	5827	0	4037	9864
27	Chandigarh ^{\$}	0	0	9294	9294
28	Daman & Diu [#]	0	0	1790	1790
29	New Delhi [#]	289	0	28688	28977
30	Dadra & Nagar Haveli [@]	0	0	3429	3429
31	Lakshadweep [@]	0	0	1384	1384
32	Puducherry [#]	5785	929	81819	88533
33	Jharkhand	18545	366892	749345	1134782
34	Chhattisgarh	1630051	245806	391954	2267811
35	Uttaranchal	347107	45615	431516	824238
36	Other states			47	47
	State-wise breakup not available			188005	188005
	Total	35765467	10579347	54749373	101094187

Notes: # State Cooperative Bank (SCB) functions as Central Financial Agency (CFA).

@ No cooperative banks in these UTs.

\$ No RRB in these states/UTs.

[@]\$ Data of commercial banks as on 31 March 2014 as received from RBI in the old sanctioned format. Figures shown under amount outstanding are actually amounts.

[^] Out of the total smart cards issued by RRBs in Jharkhand, Jharkhand Gramin Bank had issued 159 cards operated by hand-held devices.

Table 14.11(a) State-wise National Agricultural Insurance Scheme (NAIS) (Cumulative up to Kharif 2014)

S. No.	State/UT	No. of Farmers Covered	Area Insured (in Ha)	Sum Insured	Farmers' Premium	State Government 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	29952383	45583156.24	6218135.59	161079.01	7868.56	7868.56	176816.12	464910.80	464681.50	6730052
2	Assam	395881	291131.23	80721.42	2019.99	117.00	117.00	2253.98	1653.05	1560.60	65486
3	Bihar	6036983	7377698.18	1190402.43	27673.74	1354.78	1354.78	30383.31	230615.07	225097.35	2431008
4	Chhattisgarh	10425148	20991137.47	1151142.58	27498.36	1167.25	778.51	29444.12	39856.62	39856.62	1706288
5	Goa	8211	13440.13	318.12	4.31	0.71	0.63	5.65	2.36	2.36	702
6	Gujarat	14870032	33886588.42	4495382.27	162809.00	10186.23	5865.50	178860.74	650347.01	650325.26	4946072
7	Haryana	635778	769038.32	83496.10	2345.73	34.12	34.13	2413.98	4336.39	4336.40	129424
8	Himachal Pradesh	320982	248844.06	54377.40	655.82	451.53	63.96	1171.31	1783.17	1783.17	108160
9	Jharkhand	6276742	3767771.49	340152.78	7983.81	225.60	225.60	8435.01	52299.19	52182.13	2182887
10	Karnataka	13149944	20872419.69	1641805.69	45997.04	1200.35	1200.35	48397.74	194940.44	194940.44	5223118
11	Kerala	461282	414742.68	87165.63	1629.98	125.80	125.80	1881.59	3062.82	2973.25	85315
12	Madhya Pradesh	32332257	78058920.94	5820585.35	162971.28	2422.21	2422.22	167815.71	423432.02	423432.02	6459171
13	Maharashtra	39190450	32619853.72	2708463.02	87806.81	24459.24	6987.95	119253.99	291969.83	291811.14	10789696
14	Manipur	26125	37223.29	9401.92	217.97	7.75	7.75	233.48	771.37	771.37	18946
15	Meghalaya	34089	34443.49	6552.51	253.81	20.04	20.04	293.88	52.18	52.17	2762
16	Mizoram	121	133.79	23.24	0.53	0.03	0.03	0.58	11.23	11.23	119
17	Odisha	17312606	17018224.14	2725991.77	61239.65	3581.72	3581.72	68403.08	183030.89	183024.31	3046907
18	Rajasthan	15058674	31379980.35	1620309.00	45016.74	368.81	368.81	45754.35	262165.99	262165.99	5200566

19	Sikkim	1894	1323.95	254.03	3.25	0.28	0.28	3.80	1.28	1.28	86
20	Tamil Nadu	6079399	7924305.37	1670161.10	22110.69	19788.95	1459.64	43359.28	249268.74	233933.30	2635152
21	Telangana	2265	3000.91	1126.13	28.66	0.00	2.22	30.88	0.00	0.00	0
22	Tripura	19466	12642.42	2907.57	72.23	4.39	4.38	81.00	58.31	58.31	3432
23	Uttar Pradesh	23426012	31070385.59	3353782.49	63262.81	2609.60	2609.60	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	12363618	6223122.48	1417997.54	33897.71	21745.72	3903.61	59547.04	112241.10	99625.97	2741888
26	Andaman & Nicobar Islands	3718	5769.00	1666.29	3.25	26.17	14.23	43.65	115.22	19.75	944
27	Puducherry	40310	56630.61	10227.47	132.06	50.32	17.47	199.86	315.20	313.75	7197
28	Jammu & Kashmir	49065	68994.99	10902.23	197.86	8.11	7.83	213.80	123.20	123.20	4292
Grand Total		228872591	339103431.89	34790549.60	918711.58	97914.58	39131.90	1055758.06	3288489.30	3254208.69	59156657

Source: Department of Agriculture and Cooperation, Credit Division.

Note: Kharif 2014 statistics is provisional.

Table 14.11 (b) Season-wise National Agricultural Insurance Scheme (NAIS) (Cumulative up to Kharif 2014)

S. No.	Season	No. of Farmers Covered	Area Insured (in Ha)	Sum Insured	Farmers' Premium	State Government 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 1999-2000	579940	780569.36	35640.71	376.78	82.85	82.85	542.48	769.26	769.26	55288
2	Kharif 2000	8409374	13219828.68	690338.38	15933.63	2369.96	2369.96	20673.55	122248.15	122248.15	3635252
3	Rabi 2000-01	2091733	3111423.25	160268.46	1955.23	411.76	411.78	2778.76	5948.63	5948.63	526697
	Total 2000-01	10501107	16331251.93	850606.84	17888.86	2781.72	2781.74	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	3177.62	336.41	336.41	3850.43	18854.84	18854.84	926408
	Total 2002-03	12095522	19570172.88	1126923.89	31237.91	2579.60	2579.60	36397.11	201294.04	201294.04	5223563
8	Kharif 2003	7970830	12355513.83	811412.55	25888.61	1222.29	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	49705.64	49705.64	2098125
	Total 2003-04	12392117	18824176.58	1116361.76	31670.31	1534.38	1534.38	34739.06	114973.76	114973.76	3810395
10	Kharif 2004	12687104	24273393.97	1317061.59	43885.06	1004.61	1004.61	45894.28	103816.53	103816.53	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	119875.13	119875.13	3447522
12	Kharif 2005	12673833	20531037.95	1351909.81	42951.40	1021.77	1021.77	44994.94	108644.91	108503.03	2686390
13	Rabi 2005-06	4048524	7218417.22	507166.12	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	142333.23	3667138

14	Kharif 2006	12934060	19672280.35	1475936.10	44074.29	1592.50	1062.36	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	57224.14	2361.97	1430.63	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	14071.43	1345.26	454.32	15871.00	81017.92	81017.92	1578668
	Total 2007-08	18442838	28141902.69	2447460.70	63837.66	2774.56	1691.06	68303.28	172553.61	172466.32	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	150848.72	1979695
	Total 2008-09	19202920	26494022.84	2681478.32	70154.30	8489.13	2123.01	80766.44	388762.06	388628.98	6198670
20	Kharif 2009	18253072	25769817.24	2761670.64	80572.32	3589.15	2123.41	86284.89	453744.83	453744.28	7970618
21	Rabi 2009-10	5681148	7899761.05	1100750.21	21674.66	6524.54	971.28	29170.48	58727.80	39504.86	1042753
	Total 2009-10	23934220	33669578.29	3862420.85	102246.98	9974.89	3233.50	115455.37	512472.63	493249.14	9013371
22	Kharif 2010	12682319	17108910.99	2371106.80	67637.49	2612.52	1928.96	72178.98	164121.32	164067.36	2252617
23	Rabi 2010-11	4967878	6938628.49	1101055.62	20398.73	8405.33	1012.67	29816.72	65793.61	65721.07	1137305
	Total 2010-11	17650197	24047539.48	3472162.42	88036.22	11017.86	2941.62	101995.70	229914.93	229788.43	3389922
24	Kharif 2011	11554561	15776488.93	2348710.36	66203.63	3347.24	1884.02	71434.90	166541.49	166315.27	1844470
25	Rabi 2011-12	5239299	7609277.50	1128393.63	19447.73	5669.68	650.40	25767.81	54120.26	36403.50	1251385
	Total 2011-12	16793860	23385766.43	3477103.99	85651.36	9016.95	2534.40	97202.71	220661.76	202718.77	3095855
26	Kharif 2012	10649354	15693700.52	2719906.05	76983.26	105866.14	99468.28	87874.18	278572.62	58259.97	1810161
27	Rabi 2012-13	6141677	8691156.97	1570872.75	27249.96	16562.06	956.43	44769.98	191483.79	43.73	802946
	Total 2012-13	16791031	24384857.49	4290778.80	104233.22	23856.50	4554.44	132644.16	470056.41	58303.70	2613107
28	Kharif 2013	9722158	14266028.02	2892425.09	81913.10	13381.99	2242.17	97537.26	299806.40	287239.00	2669002
29	Rabi 2013-14	1532784	1717312.29	461452.54	8624.75	6668.87	342.51	15636.13	1628.76	1456.82	69901
	Total 2013-14	11254942	15983340.31	3353877.63	90537.85	20050.86	2584.68	113173.40	301435.16	288695.81	2738903

Table 14.11b (Contd.)

S. No.	Season	No. of Farmers Covered	Area Insured (in Ha)	Sum Insured	Farmers' Premium	State Government 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)
30	Kharif 2014(P)	7729333	6785415.79	1492020.90	48010.66	2695.67	1229.46	51935.79	0.00	0.00	0
	Total 2014-15	7729333	6785415.79	1492020.90	48010.66	2695.67	1229.46	51935.79	0.00	0.00	0
	Kharif seasons total	170122390	252263408.59	25193317.43	741101.88	43673.37	31432.52	816206.25	2501504.98	2488752.90	42338024
	Rabi seasons total	58750201	86840023.30	9597232.17	177609.70	54241.21	7699.38	239551.81	786984.32	765455.79	16818633
	Grand total	228872591	339103431.89	34790549.60	918711.58	97914.58	39131.90	1055758.06	3288489.30	3254208.69	59156657

Source: Department of Agriculture and Cooperation, Credit Division.

Note: The statistics for kharif 2014 are provisional.

Table 14.12(a) State-wise Weather-based Crop Insurance Scheme (WBCIS) (Cumulative up to Kharif 2014)

S. No.	State/UT	Farmers Insured (no)	Area Insured (ha)	Sum Insured	Farmer Premium	Govt Share in Premium	State Govt. Premium (share)	Gross Premium	Claims Payable	Claims Paid	(Rs in lakh)	
											Farmers Benefited (no)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(12)
1	Andhra Pradesh	2880796	4696118	1181202.42	45288.49	36267.48	36267.48	117823.45	87502.98	87456.15	2016440	
2	Assam	21651	11338	6921.58	348.67	173.89	173.89	696.44	6.92	6.36	68	
2	Bihar	12877373	13105023	3041062.11	86802.32	89407.26	89407.26	265616.85	152820.16	100614.47	7679325	
3	Chhattisgarh	312875	557948	108184.12	2086.71	2771.31	3715.65	8573.67	9230.57	9230.57	185522	
4	Gujarat	497661	413126	22394.75	251.80	839.80	1147.88	2239.48	857.35	857.35	170576	
5	Haryana	359343	601957	189823.74	3693.45	5599.38	7471.75	16764.59	6178.20	14435.44	201135	
6	Himachal Pradesh	153275	1016159	65085.55	3747.75	1873.86	1872.80	7495.48	5594.15	4568.24	92175	
7	Jharkhand	521496	502608	105797.47	3596.29	3085.02	3085.02	9766.33	4413.82	821.18	313476	
8	Karnataka	942265	1162743	205279.02	9765.80	6665.66	6665.66	23097.14	11869.99	11787.44	631623	
9	Kerala	116500	82667	25617.09	945.54	846.08	846.08	2637.70	1455.80	1444.40	59034	
10	Madhya Pradesh	1032262	1709397	385087.44	10583.63	12319.47	12319.47	35222.57	18140.47	16769.28	804398	
11	Maharashtra	1928690	1878757	453755.49	21527.08	12358.98	17302.85	51188.92	27455.70	27187.26	476129	
12	Orissa	315755	456504	117798.57	1414.07	2121.10	2121.10	5656.27	3210.35	3210.35	215814	
13	Punjab	67	338	47.58	1.20	1.80	1.80	4.79	0.67	0.67	50	
14	Rajasthan	36179884	49470358	4040932.22	124214.66	133798.25	133798.25	391811.17	231711.71	225303.62	18042120	
15	Tamil Nadu	131558	178623	31801.92	926.30	1057.33	1057.33	3040.74	1742.52	1700.36	57848	
16	Uttar Pradesh	654222	520203	147487.54	4879.51	6407.10	6407.10	17693.72	7356.90	2147.06	322346	
17	Uttarakhand	123120	205747	40108.94	2264.88	1115.42	1115.42	4495.71	4518.83	4490.64	58013	
18	West Bengal	106561	116844	18524.22	524.45	639.34	639.34	1803.12	1402.70	1319.84	61480	
Total		60194219	78435789	10540152.51	340523.59	326179.04	334246.63	1000950.15	575506.58	513350.70	31387572	

Source: Department of Agriculture and Cooperation, Credit Division.

Note: The statistics for kharif 2014 are provisional.

Table 14.12(b) Season-wise Weather-based Crop Insurance Scheme (WBCIS) (Cumulative up to 2014-15)

S. No.	Season	Farmers Covered	Area Insured (ha)	Sum Insured	Farmers' Premium	GoI Premium (Share)	State Govt Premium (Share)	Gross Premium	Claims Payable	Claims Paid	(Rs in lakh)	
											Farmers Benefited (No.)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(12)
1	Kharif 2007	43790	50074.12	5301.00	141.75	280.66	280.66	703.08	524.12	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	10039.94	190610
	Total	678425	1068327.71	179191.24	4518.99	5158.08	5158.08	14835.15	10564.05	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	1605.24	108975
4	Rabi 208-09	191647	260907.89	53632.68	1122.52	1715.16	1715.16	4552.84	3342.32	3342.32	3342.32	120804
	Total	375128	482109.95	88742.93	2083.63	3030.20	3055.52	8169.13	4947.56	4947.56	4947.56	229779
5	Kharif 2009	1161055	1530782.07	211570.42	6058.23	7315.23	7837.44	21210.90	15789.29	15789.29	15789.29	902866
6	Rabi 2009-10	1201525	1891091.45	285798.85	5651.63	8950.52	8950.52	23552.67	18719.47	18651.45	18651.45	600336
	Total	2362580	3421873.52	497369.27	11709.86	16265.75	16787.96	44763.57	34508.76	34440.74	34440.74	1503202
7	Kharif 2010	4918950	7391328.87	568167.16	16831.80	19715.97	23046.15	59593.92	19197.62	19189.48	19189.48	1792384
8	Rabi 2010-11	4383504	5745533.87	863379.30	17619.62	25882.79	25882.79	69385.19	44264.13	44236.50	44236.50	2526669
	Total	9302454	13136862.74	1431546.47	34451.41	45598.76	48928.94	128979.11	63461.76	63425.98	63425.98	4319053
9	Kharif 2011	6907509	9787895.92	1087179.29	33167.55	34902.72	34902.72	102972.99	42598.32	42184.51	42184.51	3597376
10	Rabi 2011-12	4766023	5944747.57	985837.19	22117.00	29675.10	30953.87	82747.03	75066.17	66578.71	66578.71	2732016
	Total	11673532	15732643.49	2073016.48	55284.55	64577.82	65856.59	185720.02	117664.49	108763.23	108763.23	6329392
11	Kharif 2012	8008211	11124734.08	1287053.19	40798.46	44337.79	44337.79	129474.06	86803.02	79237.09	79237.09	6748834
12	Rabi 2012-13	5612709	7040961.67	1119404.09	26370.30	33840.85	33840.85	94051.99	105945.31	79731.74	79731.74	4054289
	Total	13620920	18165695.75	2406457.28	67168.77	78178.64	78178.64	223526.05	192748.32	158968.83	158968.83	10803123
13	Kharif 2013	8874160	11221476.52	1470041.24	46135.89	50849.42	50849.42	147834.73	115096.70	104709.83	104709.83	6656066

14	Rabi 2013-14	5215057	5420841.08	1088419.97	51327.16	19205.03	22116.14	92648.35	33304.92	27413.10	1314899
	Total	14089217	16642317.60	2558461.21	97463.06	70054.45	72965.56	240483.07	148401.62	132122.93	7970965
15	Kharif 2014 (P)	8091963	9785957.87	1305367.63	67843.33	43315.34	43315.34	154474.04	3210.02	117.39	6173
	Total (P)	8091963	9785957.87	1305367.63	67843.33	43315.34	43315.34	154474.04	3210.02	117.39	6173
	Grand Total	60194219	78435788.63	10540152.51	340523.59	326179.04	334246.63	1000950.15	575506.58	513350.70	31387572

Source: Department of Agriculture and Cooperation, Credit Division.

Note: The statistics for kharif 2014 are provisional.

Table 14.13(a) State-wise Modified National Agricultural Insurance Scheme (MNAIS) (Cumulative up to Kharif 2014)

S. No.	States/UTs	Farmers Insured (no)	Area Insured (ha)	Sum Insured	Farmer Premium	Govt Share in Premium	State Government Premium	Premium Collected	Claims Payable	Claims Paid	Farmers Benefited (no)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Andhra Pradesh	1340517	1427871	594106.12	24653.24	14607.74	14607.74	53868.73	76986.90	73775.65	523854
2	Andaman & Nicobar Islands	686	1090	414.50	0.00	7.68	7.68	15.36	0.00	0.00	0
3	Assam	20062	16446	6534.04	154.72	47.47	47.47	249.66	115.34	69.88	2211
4	Bihar	1382812.0	1570597.9	262832.62	15446.71	18889.54	18889.54	53225.79	15562.14	5700.80	62122.0
5	Chhattisgarh	18	32	4.76	0.13	0.04	0.04	0.22	0.00	0.00	0
6	Goa	155	179	25.74	0.51	0.06	0.06	0.64	0.00	0.00	0
7	Gujarat	432	591	261.22	10.99	8.62	8.62	28.23	0.00	0.00	0
8	Haryana	259494	446281	184607.55	3815.48	1188.48	1188.48	6192.44	4840.51	4690.63	44259
9	Jharkhand	117166	117856	26544.70	1170.07	715.66	715.66	2601.41	57.59	16.55	2215
10	Karnataka	1314277	2060347	316136.07	14451.12	10444.08	10444.08	35339.28	9023.44	8922.04	138746
11	Madhya Pradesh	218417	360202	51111.16	1230.55	380.35	380.35	1991.25	288.34	288.34	5080
12	Maharashtra	51964	49621	7621.06	382.17	456.50	523.32	1361.99	0.00	0.00	0
13	Mizoram	512	488	99.33	3.44	1.52	1.52	6.48	9.44	9.44	512
14	Orissa	425024	280280	103217.30	2185.16	646.75	678.23	3510.13	14834.12	14834.12	147708
15	Rajasthan	6274757	7035938	492740.64	23117.51	18161.46	18161.46	59440.43	12833.92	12819.87	400200
16	Tamil Nadu	448230	488596	117902.51	5337.61	4038.37	4038.37	13414.34	9357.59	9193.54	109154
17	Tripura	3065	2912	6731.80	0.00	0.00	0.00	0.00	0.00	0.00	0
18	Uttar Pradesh	1573616	1838179	511505.06	13295.49	6319.27	6305.64	25934.14	22194.01	22133.15	255260
19	Uttarakhand	101011	80299	25831.01	529.05	126.68	124.94	782.41	342.32	340.37	11667
20	West Bengal	1738847	1113550.78	435049.62	12126.51	10616.93	12304.86	35048.31	7362.25	4487.78	91446
Total		15277692	16900570.2	3146439.88	117988.89	86720.07	88490.92	293215.38	173807.90	157282.15	1794434

Source: Department of Agriculture and Cooperation, Credit Division.

Note: The statistics for kharif 2014 are provisional.

Table 14.13(b) Season-wise Modified National Agricultural Insurance Scheme (MNAIS) (Cumulative up to Kharif 2014)

S. No.	Season	Farmers Insured	Area Insured (Ha)	Sum Insured	Farmers' Premium	Gol Premium (Share)	State Govt Premium (Share)	Gross Premium	Claims Payable	Claims Paid	Farmers Benefited (No.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Rabi 2010-11	358421	323734.24	69364.33	2375.53	1176.38	1180.21	4732.12	1614.78	1614.78	46879
	Total	358421	323734.24	69364.33	2375.53	1176.38	1180.21	4732.12	1614.78	1614.78	46879
2	Kharif 2011	458157	665653.38	134587.63	5012.62	3551.97	3613.68	12178.26	9609.57	9609.57	100201
3	Rabi 2011-12	754991	707395.12	201010.59	6782.63	4504.59	5233.71	16520.93	8421.14	8318.20	122764
	Total	1213148	1373048.50	335598.21	11795.25	8056.56	8847.39	28699.19	18030.72	17927.77	222965
4	Kharif 2012	2062516	2239297.19	489692.88	22033.49	17198.93	17198.93	56431.35	62144.59	61948.33	602353
5	Rabi 2012-13	946319	742137.76	207773.96	7503.68	5652.19	5781.98	18937.95	5261.77	2346.24	111697
	Total	3008835	2981434.94	697466.85	29537.17	22851.12	22980.91	75369.30	67406.36	64294.56	714050
6	Kharif 2013	2361874	2277983.75	589221.76	25498.01	19239.48	19270.96	64008.45	58302.65	45046.09	401251
7	Rabi 2013-14	2737708	3049636.32	586410.02	16940.10	7272.16	7256.78	31484.42	28453.40	28398.95	409289
	Total	5099582	5327620.07	1175631.78	42438.11	26511.64	26527.74	95492.87	86756.05	73445.04	810540
8	Kharif 2014(P)	5597706	6894732.49	868378.71	31842.83	28124.38	28954.67	88921.91	0.00	0.00	0
	Total (P)	5597706	6894732.49	868378.71	31842.83	28124.38	28954.67	88921.91	0.00	0.00	0
	Grand Total	15277692	16900570.23	3146439.88	117988.89	86720.07	88490.92	293215.38	173807.90	157282.15	1794434

Source: Department of Agriculture and Cooperation, Credit Division.

Note: The statistics for kharif 2014 are provisional.

Table 14.14 Pilot Coconut Palm Insurance Scheme (CPIIS) (Cumulative from 2009 to 2014*)

State	No. of Farmers	Area (Ha)	Sum Insured	Premium			Claims Paid	Farmers Benefited
				Farmer	State	CDB		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Andhra Pradesh	517	55295	558.47	0.76	0.73	1.49	2.97	0.00
Goa	240	59643	692.50	0.91	0.91	1.83	3.66	1.63
Karnataka	702	96357	1066.50	1.52	1.52	3.04	6.08	3.22
Kerala	52063	2081126	22469.28	29.60	29.60	59.20	118.40	256.88
Odisha	666	20683	338.30	0.64	0.64	1.29	2.58	0.00
Maharashtra	12417	954161	11870.14	19.85	19.85	39.70	79.41	10.14
Tamil Nadu	3606	726205	6059.71	10.24	10.24	20.47	40.94	30.71
West Bengal	692	28558	328.42	0.82	0.00	0.82	1.64	0.00
Total	70903	4022028	43383.33	64.35	63.50	127.84	255.68	302.59
								6310

Source: Department of Agriculture and Cooperation, Credit Division.

Note: The statistics for 2014 are provisional.

15

Agricultural Census

Table 15.1 Number and Area of Operational Holdings by Size Group, 2010-11

Category of Holdings	Number ('000) of Holdings				Area		Average Size of Holdings			
	2000-01*		2005-06*		2000-01*		2000-01*		2005-06*	
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Marginal (Less than 1 hectare)	75408 (62.9)	83694 (64.8)	92826 (67.1)	29814 (18.7)	32026 (20.2)	35908 (22.5)	0.40	0.38	0.39	
Small (1.0 to 2.0 hectares)	22695 (18.9)	23930 (18.5)	24779 (17.9)	32139 (20.2)	33101 (20.9)	35244 (22.1)	1.42	1.38	1.42	
Semi-medium (2.0 to 4.0 hectares)	14021 (11.7)	14127 (10.9)	13896 (10.0)	38193 (24.0)	37898 (23.9)	37705 (23.6)	2.72	2.68	2.71	
Medium (4.0 to 10.0 hectares)	6577 (5.5)	6375 (4.9)	5875 (4.2)	38217 (24.0)	36583 (23.1)	33828 (21.2)	5.81	5.74	5.76	
Large (10.0 hectares and above)	1230 (1.0)	1096 (0.8)	973 (0.7)	21072 (13.2)	18715 (11.8)	16907 (10.6)	17.12	17.08	17.38	
All Holdings	119931 (100.0)	129222 (100.0)	138348 (100.0)	159436 (100.0)	158323 (100.0)	159592 (100.0)	1.33	1.23	1.15	

Source: Department of Agriculture and Cooperation (Agriculture Census 2010-11 (Phase-1).

Note: * Excludes Jharkhand.

Table 15.2(a) Number of Operational Holdings by Size Group, 2010-11

State/UT	Marginal	Small	Semi-medium	Medium	Large	All Holdings
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Andaman & Nicobar 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	1449397
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 (1)	Marginal (2)	Small (3)	Semi-medium (4)	Medium (5)	Large (6)	All Holdings (7)
Madhya Pradesh	3891016	2448652	1654834	789143	88732	8872377
Maharashtra	6709034	4052317	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	16431	195439	324515	298451	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 and Cooperation (Agricultural Census 2010-11, Provisional).

Note: Totals may not tally due to rounding off.

Table 15.2(b) Area of Operational Holdings by Size Group, 2010-11

State/UT	Marginal	Small	Semi-medium	Medium	Large	All Holdings	(Hectares)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(7)
Andaman & Nicobar Islands	2022	3464	8243	6911	1217	21856	21856
Andhra Pradesh	3727131	4119946	3684946	2208770	552474	14293266	14293266
Arunachal Pradesh	11863	25914	93944	154858	97292	383872	383872
Assam	774796	687156	817982	437372	281763	2999070	2999070
Bihar	3668728	1185695	1072969	414941	45228	6387561	6387561
Chandigarh	208	190	223	268	33	923	923
Chhattisgarh	952786	1179403	1347658	1152856	451344	5084047	5084047
Dadar & Nagar Haveli	4137	5344	5000	4208	1608	20297	20297
Daman & Diu	1787	622	351	226	160	3145	3145
Delhi	4800	5967	8014	8577	2270	29628	29628
Goa	28103	17591	16770	12377	14152	88994	88994
Gujarat	884823	2074884	2988660	2930432	1019668	9898466	9898466
Haryana	360474	462703	814473	1185436	822519	3645606	3645606
Himachal Pradesh	273270	243942	230469	156459	50510	954651	954651
Jammu & Kashmir	416427	234531	170530	62145	11727	895361	895361
Jharkhand	763906	590764	775052	724846	310715	3165283	3165283
Karnataka	1850946	3020002	3393036	2903687	993786	12161457	12161457
Kerala	885644	282305	159075	64063	119729	1510816	1510816
Lakshadweep	1712	364	324	159	192	2751	2751
Madhya Pradesh	1915352	3466141	4510221	4544530	1399633	15835877	15835877

(Contd.)

Table 15.2b (Contd.)

State/UT (1)	Marginal (2)	Small (3)	Semi-medium (4)	Medium (5)	Large (6)	All Holdings (7)
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	6488370
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 and Cooperation (Agricultural Census 2010-11, Provisional).

Table 15.3 Average Size of Holdings by Size Group, 2010-11

State/UT	Marginal	Small	Semi-medium	Medium	Large	All Holdings
(1)	(2)	(3)	(4)	(5)	(6)	(7)
(Ha)						
Andaman & Nicobar 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
						(Contd.)

Table 15.3 (Contd.)

State/UT (1)	Marginal (2)	Small (3)	Semi-medium (4)	Medium (5)	Large (6)	All Holdings (7)
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 and Cooperation (Agricultural Census 2010-11, Provisional).

Table 15.4 Estimated Number of Operational Holdings by Size Classes and Irrigation Status, 2010-11

Size Class	Wholly Irrigated		Partially Irrigated		Wholly Unirrigated		Total Holdings	
	Number	Area	Number	Total Area	Irrigated Area	Number	Area	Number
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
(1)								(10)
Marginal	39266	14764	9987	3695	2067	36662	13729	92826
Small	8643	11675	3516	4795	2598	11669	15512	24779
Semi-medium	4526	11626	2546	6412	3378	6358	15742	13896
Medium	1811	9719	1344	6926	3575	2543	12821	5875
Large	246	3756	218	3092	1467	484	7028	973
All classes	54492	51540	17611	24920	13085	57715	64832	138348
								159592

Source: Department of Agriculture and Cooperation (Agricultural Census 2010-11).

Note: Agriculture Census was not conducted in Bihar, Jharkhand and Maharashtra.

Table 15.5 Area Irrigated by Different Source of Irrigation (by Size Classes), 2010-11

Size Class	Canals	Tanks	Wells	Tubewells	Others	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Marginal	4827.18	907.78	2285.71	7799.86	1010.79	16831.32
Small	3596.31	556.53	2903.49	6202.90	1013.68	14272.93
Semi-medium	3707.12	430.41	3231.77	6602.58	1031.46	15003.34
Medium	3438.70	267.11	2732.91	6014.20	841.19	13294.12
Large	1436.36	87.64	818.09	2488.70	392.16	5222.95
Total	17005.66	2249.48	11971.98	29108.23	4289.29	64624.65

Source: Department of Agriculture and Cooperation (Agricultural Census 2010-11).

Note: * The table is based on the provisional results of Agriculture Census 2010-11 (Phase-II). Totals may not tally due to rounding off.

Table 15.6 Irrigated and Un-irrigated Area by Size Classes under Different Crops, 2010-11

Crops	Irrigated						Un-irrigated						(’000 Ha)
	Marginal	Small	Semi-Medium	Medium	Large	Total	Marginal	Small	Semi-Medium	Medium	Large	Total	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
Paddy	8820.02	5675.69	5441.14	4197.58	1617.22	25751.65	4879.75	3113.03	2762.85	1701.92	592.77	13050.31	
Wheat	6565.43	5209.84	6318.62	6364.63	2587.07	27045.60	1365.77	996.74	956.94	775.55	286.48	4381.48	
Other Cereals	10.07	9.64	11.35	10.49	3.19	44.74	47.41	56.20	71.49	73.84	44.96	293.90	
Total Cereals	17574.53	12970.66	13786.89	12067.43	4700.03	61099.55	12834.44	11406.56	11248.18	9072.00	4616.23	49177.39	
Pulses	326.02	495.83	672.27	836.28	316.22	2646.62	3247.97	4445.80	4941.47	4724.52	2281.47	19641.23	
Sugarcane	1078.64	1145.85	1137.12	756.36	177.23	4295.20	285.59	177.70	155.11	82.09	14.08	714.57	
Oilseeds	1359.56	1505.43	1835.42	1995.98	935.83	7632.22	2415.62	4099.52	4884.71	4391.42	1503.59	17294.86	
Fibres	485.46	629.65	775.39	1004.78	552.83	3448.11	1385.70	2491.27	2470.79	1763.62	434.02	8545.40	
All Crops	36219.74	27642.59	29978.19	27233.53	10889.62	131963.67	26462.24	26786.82	27491.54	22584.95	9773.57	113099.12	

Source: Department of Agriculture and Cooperation (Agricultural Census 2010-11).

Notes: *The table is based on the provisional results of Agriculture Census 2010-11 (Phase-II).

Totals may not tally due to rounding off.

Table 15.7 Usage of Chemical Fertilizers, Farm Yard Manure and Pesticides by Major Size Groups

S. No.	Size Groups (hectares)	I/UI/T	Gross Cropped Area	Area Treated with Fertilizers	DAP	Urea	Quantity Applied				(Fertilizers/Farm Yard Manure/Pesticides: Tonnes)			(Area: '000 Hectares)		
							Super Phosphate	Ammonium Sulphate	N	P	Others	N	P	K		
(1)	(2)		(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)		(9)	(10)	(11)		
1.	Marginal (Below 1.00)	I	17956	16924	1476958	4117583	459915	41330	99809	147184	424648	99809	147184	424648		
		UI	17633	9281	585844	1374657	295973	40961	54875	80095	182199	54875	80095	182199		
		T	35590	26204	2062802	5492239	755888	82292	154684	227279	606848	154684	227279	606848		
2.	Small (1.0-1.99)	I	15413	14382	1133664	3273560	831512	39907	66611	141022	382498	66611	141022	382498		
		UI	16419	10009	562490	1091217	180349	38900	41846	59795	121841	41846	59795	121841		
		T	31832	24390	1696154	4364777	1011860	78807	108457	200817	504339	108457	200817	504339		
3.	Semi-medium (2.0-3.99)	I	16288	14876	1174030	3117258	363393	36163	56383	82444	263576	56383	82444	263576		
		UI	18594	11475	616486	1082413	199011	45839	36701	51557	103882	36701	51557	103882		
		T	34882	26351	1790516	4199671	562403	82002	93084	134001	367457	93084	134001	367457		
4.	Medium (4.0-9.99)	I	16253	14561	1138471	2907401	308073	19691	79455	48826	176500	79455	48826	176500		
		UI	17875	9834	478235	785239	191030	25442	22552	34486	62423	22552	34486	62423		
		T	34128	24395	1616706	3692640	499103	45133	102007	83312	238924	102007	83312	238924		
5.	Large (10.0 and above)	I	6671	5862	419993	1077400	95584	5330	5902	8142	33427	5902	8142	33427		
		UI	8855	3154	132924	204163	47277	5631	5641	9607	18950	5641	9607	18950		
		T	15526	9016	552917	1281563	142861	10961	11543	17749	52377	11543	17749	52377		
All Groups		I	72581	66604	5343115	14493201	2058476	142421	308161	427618	1280649	308161	427618	1280649		
		UI	79376	43753	2375980	4537689	913640	156774	161615	235539	489295	161615	235539	489295		
		T	151958	110357	7719095	19030890	2972116	299195	469776	663157	1769944	469776	663157	1769944		

(Contd.)

S. No.	Size Groups (hectares)	Quantity Applied			Area Treated with		Quantity of FYM Applied	
		Total	Farm Yard Manure (FYM)	Pesticides				
(1)	(2)	N (12)	P (13)	K (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 and Cooperation (input Survey 2006-07).

Notes: I (Irrigated), UI (Unirrigated) and T (Total).

Survey was not conducted in Bihar, Jharkhand and Maharashtra.

Table 15.8 Estimates 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				(Number in '000)
			PACS	PLDB/SLDB	CBB	RRBB	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
Marginal (Below 1.00)	64316.37	12631.81	6448.98	442.55	3131.58	2791.02	
Small (1.0-1.99)	18776.33	6167.85	2686.64	223.55	1787.49	1646.31	
Semi-medium (2.0-3.99)	11217.91	3875.76	1861.58	167.08	906.33	1121.94	
Medium (4.0-9.99)	5335.50	2104.32	1043.46	109.03	496.88	608.00	
Large (10 and Above)	1003.43	402.07	214.41	27.46	80.17	129.50	
All Groups	100649.54	25181.80	12255.07	969.67	6402.45	6296.77	

(Contd.)

Size Group (ha)	Amount of Institutional Credit Taken										(Amount in Rs Lakh)
	PACS		PLDB/ SLDB		CBB			RRBB			
	Short Term	Medium Term	Long Term	Short Term	Medium Term	Long Term	Short Term	Medium Term	Long Term		
	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)		
(1)											
Marginal (Below 1.00)	990675.06	126370.93	62617.30	375020.00	273324.43	110351.90	594177.85	131182.98	96025.73		
Small (1.0-1.99)	532866.06	105802.53	41619.23	277171.53	155177.31	77588.55	471910.57	127821.97	127441.94		
Semi-medium (2.0-3.99)	539967.10	94716.11	51941.70	198048.08	105806.13	67787.11	385152.58	134928.17	205189.79		
Medium (4.0-9.99)	444802.05	69937.44	89009.83	125142.36	101972.84	86541.95	251436.87	135073.80	256478.32		
Large (10 and Above)	121909.98	18489.46	26253.66	26583.28	25940.37	29351.28	65488.97	47645.79	96791.06		
All Groups	2630220.25	415316.47	271441.72	1001965.25	662221.09	371620.78	1768166.84	576652.71	781926.84		

Source: Agricultural Census Division, Department of Agriculture and Cooperation (Input Survey 2006-07).

Notes: PACS: Primary Agricultural Credit Society.

PLDB: Primary Land Development Bank of SLDB.

CBB: Commercial Bank Branch.

RRBB: 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			Total (Cols. 6+7+8)
		Short-term Loan (SL)	Medium-term Loan (ML)	Long-term Loan (LL)	Value of the Quantity of Fertilizer Given	Value of the Quantity of Other Inputs	Given in Cash	
		(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	Marginal (Below 1.0)	1959872.91	530878.34	268994.93	305528.65	56406.28	1597937.99	1959872.91
2	Small (1.0-1.99)	1281948.16	388801.81	246649.71	197097.63	40352.95	1044497.58	1281948.16
3	Semi-medium (2.0-3.99)	1123167.76	335450.41	324918.60	179968.24	42247.50	900952.01	1123167.76
4	Medium (4.0-9.99)	821381.28	306984.09	432030.10	141487.12	39358.51	640535.64	821381.28
5	Large (10 and Above)	213982.23	92075.62	152396.00	39599.49	11029.19	163353.55	213982.23
Total		5400352.34	1654190.27	1424989.34	863681.14	189394.44	4347276.76	5400352.34

Source: Agricultural Census Division, Department of Agriculture and Cooperation (Input Survey 2006-07)

Note: Totals may not tally due to rounding off.

Input Survey 2006-07 was not conducted in Bihar, Jharkhand and Maharashtra.

16

Situation Assessment Survey of Farmers

Table 16.1 Estimated Number of Rural Households, Agricultural Households and Indebted Agricultural Households

State	Estimated Number of Rural Households ('00)	Estimated Number of Agricultural Households ('00)	Estimated Number of Agricultural Households Having Loan ('00)	% of Agricultural Households Indebted
(1)	(2)	(3)	(4)	(5)
Andhra Pradesh*	86763	35968	33421	92.9
Arunachal Pradesh	1659	1080	206	19.1
Assam	52494	34230	5995	17.5
Bihar	140611	70943	30156	42.5
Chhattisgarh	37472	25608	9538	37.2
Gujarat	58719	39305	16743	42.6
Haryana	25849	15693	6645	42.3
Himachal Pradesh	13251	8811	2457	27.9
Jammu & Kashmir	13746	11283	3463	30.7
Jharkhand	37516	22336	6464	28.9
Karnataka	77430	42421	32775	77.3
Kerala	51377	14043	10908	77.7
Madhya Pradesh	84666	59950	27414	45.7
Maharashtra	125182	70970	40672	57.3
Manipur	2584	1762	421	23.9
Meghalaya	4721	3544	84	2.4
Mizoram	936	758	47	6.2
Nagaland	4128	2621	65	2.5
Odisha	78120	44935	25830	57.5
Punjab	27552	14083	7499	53.2

Rajasthan	82722	64835	40055	61.8
Sikkim	1150	674	97	14.4
Tamil Nadu	93607	32443	26780	82.5
Telangana*	49309	25389	22628	89.1
Tripura	6635	2445	559	22.9
Uttar Pradesh	241328	180486	79081	43.8
Uttaranchal	16498	10608	5387	50.8
West Bengal	141359	63624	32787	51.5
Union Territories	2394	718	267	37.2
All India	1561442	902011	468481	51.9

Source: NSS KI(70/33): *Key Indicators of Situation of Agricultural Households in India.*

Note: * Separate estimates for the newly formed states of Telangana and Andhra Pradesh are provided in place of erstwhile state of Andhra Pradesh.

Table 16.2 Indebtedness of Agricultural Households (All India) in Different Size Classes of Land Possessed

Land Possessed (ha)	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 (Rs)
(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 and 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: NSS KI(70/33), Key Indicators of Situation of Agricultural Households in India.

Table 16.3 Incidence of Indebtedness in Major States

State	Estimated Number of Indebted Agricultural Households	% to Total Indebted Agricultural Households	% Share in Total Foodgrains (2013-14)	
			Area	Production
(1)	(2)	(3)	(4)	(5)
1. Uttar Pradesh	79081	16.9	16.05	18.9
2. Maharashtra	40672	8.7	9.22	5.26
3. Madhya Pradesh	27414	5.9	11.85	9.15
4. Rajasthan	40055	8.5	10.64	6.91
5. Karnataka	32775	7.0	5.95	4.6
6. Andhra Pradesh*	33421	7.1	6.04	7.59
7. Telangana*	22628	4.8	#	#
8. Bihar	30156	6.4	5.29	4.97
9. West Bengal	32787	7.0	4.95	6.44
10. Punjab	7499	1.6	5.2	10.92
11. Odisha	25830	5.5	4.09	3.15
12. Other States/UTs	96163	20.5	20.72	22.11
All India	468481	100.0	100	100

Source: NSSKI(70/33): Key Indicators of Situation of Agricultural Households in India.

Note: *Separate estimates for the newly formed States of Telengana and Andhra Pradesh are provided in place of erstwhile state of Andhra Pradesh.
Separate figures for Telangana are not available, its share is included in Andhra Pradesh.

Table 16.4 Incidence of Indebtedness Based on Size of Land Possessed

State	(1)	(2)	(3)	(4)	(5)	(6)
		% 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. 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	24.4	14.8	7.4	1.3
6. Andhra Pradesh*		52.2	23.9	16.1	6.9	0.9
7. Telangana*		51	23.6	19.6	5	0.9
8. Bihar		86.7	10	2.6	0.7	0
9. West Bengal		91.1	7.4	1.4	0.1	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	5.4	0.6

Source: NSS 70th round SAS Survey.

Note: * 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 Landholdings and Wages for Agricultural Workers

Table 17.1 Ceilings on Landholdings

State	Irrigated Land with Two Crops	Irrigated Land with One Crop	(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, New Delhi.

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 Categories of Farm Workers in Different States/Union Territories under the Minimum Wages Act, 1948

(Rs per day)			
S. No.	Appropriate Governments	Category	Minimum Wages for Agricultural Workers with VDA
(1)	(2)	(3)	(4)
1	Central Sphere	Unskilled	193.00-215.00
		Semi-skilled	198.00-235.00
		Skilled/clerical	216.00-255.00
		Highly skilled	235.00-283.00
States/UTs			
1	Andhra Pradesh	Lowest	201.00
		Highest	338.15
2	Andaman & Nicobar Islands	Unskilled	254.00-265.00
		Semi-skilled	266.00-274.00
		Skilled	279.00-296.00
		Highly Skilled	300.00-318.00
3	Arunachal Pradesh	Unskilled	134.62-153.85
		Skilled	146.15-165.38
4	Assam	Unskilled	147.56
		Semi-skilled	170.26
		Skilled	236.10
5	Bihar		162.00-223.23
6	Chandigarh	Unskilled	282.76
		Semi-skilled	288.53-292.38
		Skilled	300.07-308.73
		Highly Skilled	324.11
7	Chhattisgarh	Unskilled	147.36
8	Dadra & Nagar Haveli	Unskilled	196.20
		Semi-skilled	202.70
		Skilled	209.20
9	Delhi	Unskilled	329.00
		Semi-skilled	363.00
		Skilled	399.00
10	Goa	Unskilled	225.00
11	Gujarat		100.00
12	Haryana	Unskilled	213.35
		Semi-skilled	218.35-223.35
		Skilled	228.35-233.35
		Highly Skilled	238.35
13	Himachal Pradesh	Unskilled	150.00
14	Jammu & Kashmir	Unskilled	110.00
		Semi-skilled	150.00
		Skilled	200.00
		Supervisor	175.00
15	Jharkhand	Tractor Driver and Pump Operator	242.29
		Chowkidar	190.07
		All Other Agricultural Operations	177.07

(Contd.)

Table 17.2 (Contd.)

S. No.	Appropriate Governments	Category	Minimum Wages for Agricultural Workers with VDA
(1)	(2)	(3)	(4)
16	Karnataka		236.50
17	Kerala	For Light Work For Hard Work	150.00 200.00
18	Lakshadweep	Unskilled Semi-skilled Skilled Highly Skilled	200.00 225.00 250.00 275.00
19	Madhya Pradesh	Unskilled	141.20
20	Maharashtra		100.00-120.00
21	Manipur	Unskilled Semi-skilled Skilled	122.10 129.97 132.60
22	Meghalaya	Unskilled Semi-skilled Skilled	100.00 120.00 140.00
23	Mizoram	Unskilled Semi-skilled Skilled -II Skilled -I	220.00 250.00 310.00 318.00
24	Nagaland	Unskilled Semi-skilled Skilled	100.00 110.00 120.00
25	Odisha	Unskilled Semi-skilled Skilled Highly Skilled	150.00 170.00 190.00 205.00
26	Puducherry	Light Work Hard Work	100.00 150.00
27	Punjab	Unskilled	170.14
28	Rajasthan	Unskilled Semi-skilled Skilled Highly Skilled	166.00 176.00 186.00 236.00
29	Tamil Nadu	Women (5 Hrs) Men (6 Hrs)	85.00 100.00
30	Tripura	Adult Young	150.00 105.00
31	Uttar Pradesh	Unskilled	100.00
32	Uttarakhand	Unskilled	129.50
33	West Bengal	Unskilled Semi-skilled Skilled	206.00 226.00 249.00

Source: Ministry of Labour & Employment, New Delhi.

Note: VDA = Variable Dearness Allowance.

18

Livestock

Table 18.1 Livestock Population in India

Species	(Numbers in Million)													
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	2012*
Cattle	155.30	158.70	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	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	203.60	226.80	229.20	235.70	242.00	262.36	275.82	289.00	289.00	283.10	304.42	299.60
Sheep	39.10	39.30	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	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 and Ponies	1.50	1.50	1.50	1.30	1.10	0.90	0.90	0.90	0.80	0.82	0.83	0.75	0.61	0.63
Camels	0.60	0.80	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	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	0.04	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	1.10	1.00	1.00	1.02	0.96	0.97	0.88	0.65	0.44	0.32
Yaks	NC	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	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	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	NC	18.54	17.95	21.77	25.48	29.03	19.09	11.67
Rabbits	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0.48	0.42	0.59

Source: Department of Animal Husbandry, Dairying and Fisheries.

Notes: NC: Data Not Collected.

* Stray 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	Milk (MT)	Eggs (Billion Nos.)	Wool (Million Kgs)
(1)	(2)	(3)	(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
1999-2000	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	73.4	47.9

Source: Department of Animal Husbandry, Dairying & Fisheries.

Table 18.3 State-wise Production of Milk, Eggs, Meat and Wool

States/UTs	Milk ('000 Tonnes)				Eggs (Lakhs Nos.)			
	2010-11	2011-12	2012-13	2013-14	2010-11	2011-12	2012-13	2013-14
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Andhra Pradesh	11203	12088	12762	13007	201277	212103	222974	227875
Arunachal Pradesh	28	22	23	43	407	419	439	400
Assam	790	796	800	815	4707	4705	4710	4717
Bihar	6517	6643	6845	7197	7446	7552	8372	9308
Chhattisgarh	1029	1119	1164	1209	12454	12984	13704	14330
Goa	60	60	61	68	149	149	150	60
Gujarat	9321	9817	10315	11112	13269	14269	14558	15551
Haryana	6267	6661	7040	7442	39644	41142	42343	43591
Himachal Pradesh	1102	1120	1139	1151	1021	1050	1069	1075
Jammu & Kashmir	1609	1614	1631	1615	7725	6520	6715	6649
Jharkhand	1555	1745	1679	1700	4153	4313	4239	4445
Karnataka	5114	5447	5718	5997	30674	34699	36773	41301
Kerala	2645	2716	2791	2655	16856	17049	22375	24769
Madhya Pradesh	7514	8149	8838	9599	7577	7972	8711	9671
Maharashtra	8044	8469	8734	9089	42245	43861	45661	48315
Manipur	78	79	80	82	1137	1149	1162	1164
Meghalaya	79	80	81	82	1011	1021	1028	1049
Mizoram	11	14	14	15	387	349	352	362
Nagaland	76	78	79	81	802	704	618	223
Odisha	1671	1721	1724	1861	23571	23007	8472	10470
Punjab	9423	9551	9724	10011	35449	36030	37911	43376

Rajasthan	13234	13512	13946	14573	6697	9605	10335	11903
Sikkim	43	45	42	46	140	146	146	99
Tamil Nadu	6831	6968	7005	7049	115137	118518	119334	141235
Tripura	104	111	118	130	1569	1650	1565	1794
Uttar Pradesh	21031	22556	23330	24194	10991	16075	17074	18122
Uttarakhand	1383	1417	1478	1550	2614	2712	3079	3370
West Bengal	4471	4672	4859	4906	39939	43433	47115	47460
Andaman & Nicobar Islands	25	26	21	14	672	780	741	1194
Chandigarh	45	45	44	44	180	181	170	173
Dadra & Nagar Haveli	11	11	11	11	70	73	73	73
Daman & Diu	1	1	1	1	19	20	20	13
Delhi	480	502	287	284	1	1	-	-
Lakshadweep	2	2	2	6	138	140	140	129
Puducherry	47	45	47	47	114	116	113	113
All India	121848	127904	132431	137686	630244	664499	682241	734379

(Contd.)

Table 18.3 (Contd.)

States/UTs	Meat ('000 Tonnes)				Wool ('000 Kg)			
	2010-11 (10)	2011-12 (11)	2012-13 (12)	2013-14 (13)	2010-11 (14)	2011-12 (15)	2012-13 (16)	2013-14 (17)
Andhra Pradesh	747	824	906	935	4832	4924	5031	5037
Arunachal Pradesh	21	19	18	18	14	17	18	22
Assam	34	34	37	38	-	-	-	-
Bihar	223	228	228	292	260	266	267	271
Chhattisgarh	27	30	34	29	114	104	107	106
Goa	7	10	8	5	-	-	-	-
Gujarat	22	35	35	33	2918	2819	2664	2578
Haryana	319	337	348	367	1287	1333	1370	1390
Himachal Pradesh	3	4	4	4	1642	1648	1649	1655
Jammu & Kashmir	31	32	34	33	7382	7530	7681	8710
Jharkhand	44	46	45	45	149	202	159	156
Karnataka	124	140	166	170	7179	7779	8020	7755
Kerala	124	426	401	416	-	-	-	-
Madhya Pradesh	38	39	43	48	372	413	442	466
Maharashtra	563	585	591	605	1448	1469	1503	1539
Manipur	24	24	25	25	-	-	-	-
Meghalaya	38	38	39	40	-	-	-	-
Mizoram	10	13	12	12	-	-	-	-
Nagaland	65	78	71	67	-	-	-	-
Odisha	138	138	141	154	-	-	-	-
Punjab	175	181	212	235	506	532	558	558

Rajasthan	107	122	152	175	12277	13192	14007	15027
Sikkim	3	3	3	3	1	1	1	1
Tamil Nadu	466	460	462	465	1	1	1	2
Tripura	23	25	32	32	-	-	-	-
Uttar Pradesh	845	956	1137	1221	1543	1420	1456	1473
Uttarakhand	14	16	22	24	362	371	400	440
West Bengal	577	611	648	649	705	713	722	725
Andaman & Nicobar Islands	0.4	0.4	0	2	-	-	-	-
Chandigarh	1	1	1	1	-	-	-	-
Dadra & Nagar Haveli	0.1	0.1	0	0	-	-	-	-
Daman & Diu	0.2	0.2	0	0	-	-	-	-
Delhi	42	45	81	77	-	-	-	-
Lakshadweep	0.4	0.4	0	0	-	-	-	-
Puducherry	13	14	14	14	-	-	-	-
All India	4869	5514	5948	6235	42991	44734	46055	47909

Source: Department of Animal Husbandry, Dairying & Fisheries.

19

Fish Production

Table 19.1 Fish Production in India

('000 Tonnes)

Year	Marine	Inland	Total
(1)	(2)	(3)	(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
1999-2000	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

Source: Department of Animal Husbandry, Dairying & Fisheries.

Table 19.2 State-wise Production of Fish

S. No.	States/UTs	2011-12		2012-13		(In tonnes)
		Marine	Total	Marine	Total	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Andhra Pradesh	433278	1169890	1603168	414349	1393728
2	Arunachal Pradesh	0	3300	3300	0	3710
3	Assam	0	228621	228621	0	254270
4	Bihar	0	344470	344470	0	400140
5	Goa	86205	3751	89956	73713	4166
6	Gujarat	692488	91231	783719	693560	94930
7	Haryana	0	106000	106000	0	111480
8	Himachal Pradesh	0	8045	8045	0	8561
9	Jammu & Kashmir	0	19850	19850	0	19950
10	Karnataka	347383	199053	546436	357324	168242
11	Kerala	553177	140031	693208	530638	149098
12	Madhya Pradesh	0	75405	75405	0	85165
13	Maharashtra	433684	1451110	578794	448913	137461
14	Manipur	0	22219	22219	0	24502
15	Meghalaya	0	4768	4768	0	5417
16	Mizoram	0	2928	2928	0	5430
17	Nagaland	0	6840	6840	0	7130
18	Odisha	114295	267533	381828	118311	291832
19	Punjab	0	97620	97620	0	99130
20	Rajasthan	0	47850	47850	0	55160

21	Sikkim	0	280	280	0	490	490
22	Tamil Nadu	426735	184753	611488	428441	191956	620397
23	Tripura	0	53335	53335	0	57460	57460
24	Uttar Pradesh	0	429718	429718	0	449750	449750
25	West Bengal	182020	1290025	1472045	152352	1337664	1490016
26	Andaman & Nicobar Islands	35072	192	35264	36426	194	36620
27	Chandigarh	0	96	96	0	46	46
28	Dadra & Nagar Haveli	0	50	50	0	50	50
29	Daman & Diu	17429	0	17429	18778	234	19012
30	Delhi	0	740	740	0	690	690
31	Lakshadweep	12372	0	12372	12372	0	12372
32	Puducherry	37608	4795	42403	35606	5460	41066
33	Chhatisgarh	0	250695	250695	0	255611	255611
34	Uttarakhand	0	3834	3834	0	3847	3847
35	Jharkhand	0	91676	91676	0	96600	96600
Total		3371746	5294704	8666450	3320783	5719554	9040337

Source: Department of Animal Husbandry, Dairying & Fisheries.

Rainfall Scenario and Management of Natural Disasters

20.1 Annual Rainfall Scenario during 2013 and 2014

Rainfall in 2013 (January to December)

In 2013, the rainfall (January to December, 2013) over the country as a whole was 104% of Long Period Average (LPA). Out of 36 meteorological sub-divisions, 33 received excess/normal rainfall and 3 received deficient rainfall. Season-wise rainfall distribution over the country as a whole was as follows:

Winter (January to February 2013):	126% of LPA
Pre-monsoon (March to May 2013):	78% of LPA
Monsoon (June to September 2013):	106% of LPA
Post-monsoon (October to December 2013):	118% of LPA

Season-wise Performance

WINTER SEASON (JANUARY TO FEBRUARY 2013)

During the winter season, rainfall activity over the country as a whole was good with 126% of the LPA rainfall. At meteorological sub-division level, out of 36 met sub-divisions, 25 sub-divisions received excess rainfall, 4 sub-divisions received normal rainfall, 2 received deficient and 5 received scanty rainfall.

PRE-MONSOON SEASON (MARCH TO MAY 2013)

Rainfall activity during the pre-monsoon season over the country as a whole was recorded deficit 78% of LPA rainfall. Out of 36 meteorological sub-divisions, 4 received excess rainfall, 12 received normal rainfall, 13 received deficient rainfall and 7 received scanty rainfall.

MONSOON SEASON (JUNE TO SEPTEMBER 2013)

Monsoon season witnessed normal rainfall over the country as a whole. During the season, for the country as a whole, rainfall was 106% of its LPA. Seasonal rainfall was 109% of LPA over north-west India, 123% of its LPA over central India, 115% of its LPA over south Peninsula and 72% of its LPA over east and North-East (NE) India. At meteorological sub-division level, 14 sub-divisions received excess rainfall, 16 received normal rainfall and remaining 6 received deficient rainfall. Excess/normal rainfall sub-divisions covered 86% of the geographical area of the country. Out of 622 districts for which rainfall data were available, 184 districts (30%) received excess rainfall, 264 districts (42%) normal rainfall, 156 districts (25%) deficient rainfall and 18 districts (3%) received scanty rainfall.

POST-MONSOON SEASON (OCTOBER TO DECEMBER 2013)

Rainfall activity during the post-monsoon season over the country as a whole was recorded normal, with 118% of LPA rainfall. Out of 36 meteorological sub-divisions, 16 received excess rainfall, 6 received normal rainfall, 13 received deficient rainfall and 1 received scanty rainfall.

Rainfall in 2014 (January to 12 November 2014)

WINTER SEASON (JANUARY TO FEBRUARY 2014)

During the winter season rainfall activity over the country as a whole was normal with 113% of the LPA rainfall. At met sub-division level, 16 sub-divisions received excess rainfall, 5 received normal rainfall, 10 received deficient and 5 received scanty rainfall out of 36 sub-divisions.

PRE-MONSOON SEASON (MARCH TO MAY 2014)

Rainfall activity during the pre-monsoon season over the country as a whole was recorded normal, with 99% of LPA rainfall. Out of 36 meteorological sub-divisions, 15 received excess rainfall, 12 received normal rainfall, 7 received deficient rainfall and 2 received scanty rainfall.

MONSOON SEASON (JUNE TO SEPTEMBER 2014)

Monsoon season witnessed normal rainfall in over the country as a whole. During the season for the country as a whole, rainfall was 88% of its LPA. Seasonal rainfall was 79% of LPA over north-west India, 90% of its LPA over central India, 93% of its LPA over south Peninsula and 88% of its LPA over east and NE India. At the meteorological sub-division level, out of 36 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 (1 OCTOBER TO 12 NOVEMBER 2014)

Rainfall activity during the post-monsoon season over the country as a whole was recorded deficit rainfall with 68% of LPA. Out of 36 meteorological sub-divisions, 3 received excess rainfall, 8 received normal rainfall, 11 received deficient rainfall and 14 sub-divisions received scanty rainfall.

Table 20.2 Performance of South-West Monsoon during 1989 to 2014 (1 June to 30 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

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Note: @ Total number of meteorological sub-divisions was 35 up to 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 2013-14

Year	(In Millimetres)														
	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	Actual	Normal	% Departure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
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	1278.0	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	1085.9	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

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Table 20.4 Broad Region-wise Monsoon (June–September) Rainfall Distribution from 2005 to 2014

Year	North-West India			Central India			South Peninsula			North-East India		
	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)
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	993.9	16	684.6	722.6	-5	1177.6	1427.3	-17
2007	520.8	611.6	-15	1074	993.9	8	907.3	722.6	26	1486	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	1028	991.5	4	853.6	722.9	18	1176	1436.2	-18
2011	654.8	615.0	7	1074	975.5	10	715.2	715.5	0	1234	1438.3	-14
2012	569.3	615.0	-7	934.6	974.2	-4	644.0	715.7	-10	1275	1437.8	-11
2013	671.8	615.0	9	1195	974.2	23	825.6	715.7	15	1038	1437.8	-28
2014	483.1	615.0	-21	879.7	974.2	-10	665.4	715.7	-7	1268	1437.8	-12

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Table 20.5 Rainfall in 2014

S. No.	Meteorological Sub-Divisions	Total Rainfall in Winter 2014			Total Rainfall Pre-Monsoon 2014			Total Rainfall in Monsoon 2014*			Total Rainfall Post-monsoon 2014			Total Rainfall in Year 2014 (Jan. to 3 Sept.)		
		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)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Andaman & Nicobar Islands	8.3	5.1	-39	46.5	24.9	-46	168.3	161.9	-4	40.4	53.3	32	263.4	245.2	-7
2	Arunachal Pradesh	14.8	10.7	-28	75.0	52.1	-31	176.8	174.8	-1	20.6	4.4	-79	287.2	241.9	-16
3	Assam & Meghalaya	4.7	3.1	-34	59.0	39.1	-34	179.3	163.5	-9	17.0	3.0	-82	260.0	208.7	-20
4	Nagaland, Manipur, Mizoram & Tripura	4.4	2.2	-50	49.4	24.1	-51	149.7	111.9	-25	21.2	7.2	-66	224.7	145.4	-35
5	Sub-Himalayan West Bengal & Sikkim	6.0	2.6	-56	45.7	37.1	-19	200.6	186.5	-7	16.5	3.1	-81	268.9	229.3	-15
6	Gangetic West Bengal	3.4	4.3	25	16.5	13.6	-17	116.8	100.1	-14	14.4	5.6	-61	151.1	123.7	-18
7	Odisha	3.2	1.8	-45	13.5	14.9	11	115.0	125.7	9	13.1	11.3	-14	144.7	153.7	6
8	Jharkhand	3.3	5.8	73	7.9	11.5	45	109.2	93.0	-15	8.1	4.5	-45	128.6	114.8	-11
9	Bihar	2.3	5.0	118	7.8	11.4	47	102.8	84.9	-17	7.0	4.8	-31	119.8	106.1	-11
10	East Uttar Pradesh	2.9	7.3	152	3.2	2.6	-17	89.8	51.8	-42	5.2	7.5	44	101.0	69.2	-31
11	West Uttar Pradesh	3.3	7.7	132	2.9	3.9	33	76.9	34.0	-56	4.5	1.4	-68	87.6	47.1	-46
12	Uttaranchal	10.6	14.6	38	15.6	15.4	-1	122.9	89.8	-27	6.3	4.1	-36	155.5	123.9	-20
13	Haryana, Chandigarh and Delhi	3.3	3.0	-8	3.4	5.5	60	46.6	20.3	-56	1.9	1.1	-44	55.3	29.9	-46
14	Punjab	5.0	4.2	-15	5.4	7.7	44	49.2	24.4	-50	2.5	0.7	-73	61.9	37.0	-40
15	Himachal Pradesh	19.6	18.4	-6	24.5	24.9	2	82.5	52.2	-37	4.9	2.1	-58	131.5	97.5	-26
16	Jammu & Kashmir	21.3	19.5	-8	32.6	39.5	21	53.5	63.3	18	5.0	5.0	1	112.3	127.3	13
17	West Rajasthan	0.7	0.3	-59	1.9	3.7	95	26.3	26.3	0	0.6	0.1	-89	29.6	30.4	3

18	East Rajasthan	1.1	3.8	260	1.7	2.3	34	61.6	61.9	0	2.0	0.3	-85	66.3	68.3	3
19	West Madhya Pradesh	1.4	5.7	321	1.4	0.8	-44	87.6	77.2	-12	3.8	1.0	-75	94.2	84.6	-10
20	East Madhya Pradesh	3.5	8.0	127	2.5	2.5	1	105.1	74.7	-29	4.1	5.7	40	115.3	90.9	-21
21	Gujarat Region	0.1	0.8	597	0.6	0.3	-61	90.1	77.7	-14	2.7	0.4	-87	93.6	79.1	-15
22	Saurashtra, Kutch & Diu	0.1	0.0	-45	0.4	0.3	-23	47.4	45.5	-4	2.4	0.7	-72	50.2	46.5	-7
23	Konkan & Goa	0.0	0.1	263	3.7	2.9	-21	291.4	275.3	-6	13.2	11.1	-16	308.4	289.4	-6
24	Central Maharashtra	0.2	0.9	376	3.8	5.9	55	72.9	67.5	-7	8.9	4.2	-53	85.8	78.4	-9
25	Marathawada	0.7	1.6	129	3.0	9.1	199	68.3	39.9	-42	8.2	1.8	-78	80.2	52.3	-35
26	Vidarbha	1.7	1.9	13	3.1	5.6	82	95.5	81.8	-14	6.4	1.9	-70	106.7	91.3	-14
27	Chhatisgarh	2.1	3.1	47	4.5	5.1	13	114.7	110.4	-4	6.6	7.5	13	128.0	126.1	
28	Coastal Andhra Pradesh	1.9	0.2	-90	9.7	9.8	1	58.1	44.9	-23	24.9	17.4	-30	94.6	72.2	-24
29	Telangana	1.1	0.2	-81	5.7	12.8	126	75.5	49.9	-34	10.5	4.7	-55	92.8	67.6	-27
30	Rayalseema	0.7	0.1	-91	8.2	7.5	-9	39.8	30.9	-23	16.4	10.9	-33	65.1	49.3	-24
31	Tamil Nadu & Puducherry	3.1	1.3	-57	12.8	15.6	21	31.7	31.5	-1	26.8	27.8	4	74.4	76.2	2
32	Coastal Karnataka	0.1	0.0	-83	17.9	19.5	9	308.4	312.3	1	22.1	19.9	-10	348.4	351.6	1
33	North Interior Karnataka	0.4	0.7	72	8.5	14.9	75	50.6	48.3	-4	12.6	8.1	-36	72.1	72.0	
34	South Interior Karnataka	0.4	0.3	-27	14.5	19.4	34	66.0	79.5	20	17.4	15.5	-11	98.3	114.7	17
35	Kerala	2.4	1.5	-39	38.0	36.3	-4	204.0	216.3	6	38.0	40.8	7	282.4	294.9	4
36	Lakshadweep	3.6	6.9	95	23.2	7.7	-67	99.9	95.5	-4	22.1	17.5	-21	148.8	127.7	-14
	All India (Area weighted)	40.9	46.2	13	131.3	130.0	-1	886.9	777.5	-12	95.6	64.7	-32	1154.7	1018.4	-12

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation.

Notes * Till 12 November 2014.

Winter (January–February) Pre-Monsoon (March–May) Monsoon (June–September) Post-Monsoon (October–December)

Table 20.6 Brief History of Most Intense Cyclones from 1970-2013

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	SCS over the Arabian Sea	19-24 October 1975	NA	180 Knots 74 Kmph	85 people died in the districts of Junagarh, Jamnagar and Rajkot in Gujarat. This cyclone caused considerable damage estimated to be about Rs 75 crore.
2	SCS over the Arabian Sea	31 May-5 June 1976	NA	90 Knots 167 Kmph	This cyclone caused damage which was estimated to be about Rs 3 crore. 4 Burges each containing Rs 5 lakh and 6 fishing boats were swept away. Mahasana, Bhavnagar, Kaira, Panchmahal, Rajkot and Bharoch districts of Gujarat were most affected areas.
3	SCS over the Arabian Sea	13-23 November 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 coastal Kerala. Total loss was estimated to be about Rs 10 crores.
4	Gujarat Cyclone	5-13 November 1978	NA	278 Kmph	Damage to property reported.
5	SCS over the Arabian Sea	28 October-3 November, 1981	T 4.0 (as per US satellite)	65 Knots 120 Kmph	Junagarh, Rajkot and Jamnagar of Gujarat state were most affected areas, total loss of damage to property was estimated to be about Rs 52 crores.
6	SCS over the Arabian Sea	4-9 November 1982	NA	NA	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	SCS over the Arabian Sea	4-9 November 1982	T 4.0	50 Knots 93 Kmph	50 fishermen were reported missing in Gujarat Coast.
8	SCS over the Arabian Sea	17-20 June 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 Rs 1803.52 lakh.
9	SCS over the Arabian Sea	23-28 October 1996	T 4.0	60 Knots 111 Kmph	As the system did not cross the coast no significant damage was reported.

10	VSCS over the Arabian Sea	4–10 June 1998	T 5.0	90 Knots 167 Kmph	Gujarat and Rajasthan states were affected. Porbander region of Gujarat state was the most affected area. Loss incurred due to storm was estimated to be about Rs 1855.38 crore in Kandla. Number of lives lost 1173 and number of persons missing 1774 in Gujarat.
11	VSCS over the Arabian Sea	16–22 May 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 Rs 80 crores. In Rajasthan one person died and 5104 cattle heads perished. 5133 houses were partially damaged.
12	SCS over Arabian Sea	5–10 May 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 Rs 30 crore.
13	SCS “Mukda” over Arabian Sea	21–24 September 2006	3.5	55 Knots 102 Kmph	No damage as dissipated over the Arabian Sea.
14	Super cyclone “Gonu”	1–7 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 November 2009	3.0	45 Knots 83 Kmph	According to state government 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 December 2009	3.0	45 Knots (83 Kmph)	No damage over India.
18	Cyclonic Storm “Bandu”	19–23 May 2010	2.5	40 Knots	
19	Cyclonic Storm “Pher”	31 May–7 June 2010	4.5	85 Knots	
20	Cyclonic Storm “Keila”	29 October–4 November 2011	T 2.5	35 Knots (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)
II. Over the Bay of Bengal					
1	Bangladesh (Chittagong)	12–13 November 1970	NA	224 Kmph	30,00,000 people died
2	Balasore (Odisha)	26–31 October	NA	185 Kmph	10,000 people died and 1 million people rendered homeless.
3	Andhra Cyclone	14–20 November 1977	NA	259 Kmph	8547 people died. Storm surge height 5 m
4	Sri Harikota (Andhra Pradesh)	9–14 November 1984	T 6.0	213 Kmph	604 people died
5	Indo–Bangladesh Border	24–30 November 1988	T 6.0	213 Kmph	2000 people died. 6000 people missing in Bangladesh
6	Kavali (Andhra Pradesh)	1–9 November 1989	T 6.5	235 Kmph	69 people died
7	Machilipatnam (Andhra Pradesh)	4–9 May 1990	T 6.5	235 Kmph	967 people died.
8	Bangladesh (Chittagong)	25–30 April 1991	T 6.5	235 Kmph	1,38,882 people died 1,39,054 people injured
9	Bangladesh (Teknaf)	24 April–2 May 1994	T 6.0	215 Kmph	184 people killed
10	Bangladesh (Teknaf)	15–19 May 1997	T 6.0	230 Kmph As reported by Bangladesh Met. Office	155 people died 9663 people injured
11	Gopalpur Cyclone (Odisha)	15–19 October 1999	T 5.0	170 Kmph	198 people died 402 persons injured
12	Super Cyclone (Odisha)	25–31 October 1999	T 7.0	260 Kmph	9887 people died 129.22 lakh people affected
13	VSCS over the Bay of Bengal	26–30 November 2000	T 5.5	102 Knots 189 kmph	Two states, viz., Tamil Nadu and Puducherry were mainly affected by this storm. 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	VSCS over the Bay of Bengal	23–28 December 2000	T 5.0	90 Knots 167 Kmph	Three districts of Tamil Nadu state were affected by this storm in the Ramnathanpuram district, 350 houses were damaged in Thirunelveli. In Tuticorin 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	14–17 October 2001	2.5	35 Knots 65 Kmph	108 people dead, 21 people missing, damage to crops about 1,25,000 ha and 55,747 house damaged in Andhra Pradesh.
16	SCS over Bay of Bengal	10–12 November 2002	3.5	55 Knots 102 Kmph	Two travellers damaged and 18 people died in Odisha and another two travellers missing. In West Bengal, 2 people died.
17	SCS over Bay of Bengal	11–16 December 2003	3.5	55 Knots 102 Kmph	81 people dead in Andhra Pradesh, 1637 Building destroyed completely, 7453 building partially damaged 61,898.5 ha of agricultural land damaged. Loss of property to the tune of Rs 23,903.13 lakh. No. of villages with electric failure: 2000 and telecommunication disruption in 41 villages.
18	Cyclonic Storm “Pyarr”	17–21 September 2005	T 2.5	35 Knots 65 Kmph	Damages reported in Andhra Pradesh are as follows number of human deaths: 1, Number of livestock that died: 291, buildings partly/completely destroyed: 12,041 (estimated cost Rs 177.28 lakh), crop loss: 4,82,188 ha (estimated cost Rs 627.74 lakh), total loss estimated by government – Rs 5029.82 lakh.
19	Cyclonic storm “Baaz”	28 November–2 December 2005	T 3.0	45 Knots 83 Kmph	According to press reports, heavy rain caused floods in Nellore, Chittoor and Cuddapah districts of Andhra Pradesh. Number of deaths: 11 (Nellore 7, Chittoor 3 Cuddapah 1), number of tanks breached: 27 (Nellore district), Many villages were reported to be marooned in the above districts.
20	VSCS “Mala”	25–30 May 2006	5.5	100 Knots 185 Kmph	It crossed the coast of Myanmar and hence there was no damage in 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 "Ogni" over Bay of Bengal	29–30 October 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: Rs 21,601 lakh.
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	VSCS "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 Kheaghat. Some houses were partially/totally damaged in Mizoram. Shillong road was also affected at several places.
24	Nargis	27 April to 3 May 2008	T 5.0	Estimated 90 Knots/ 167 Kmph (As per news papers 190 Kmph)	As the system moved away from Indian coast there was no damage reported from India.
25	Rashmi	25–27 October 2008	T 3.0	50 Knots 93 Kmph	Significant damage was reported over North-East states. Numbers of human death were 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 Wāhūmkhrah 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 27–28 October causing disruption of road and communications.

26	Khaimuk	13–16 November 2008	T 2.5	40 Knots 74 Kmph	<p>other Several road bridges were broken down and a number of dwelling houses have been devastated besides injury to many persons.</p> <p>Major erosion of coast seen at Uppadanear Kakinada. In many areas in east and west Godavari and Krishna river districts, paddy fields got inundated. Twenty-one country boats washed off in the sea off konapapeta in kothapalli mandal of East Godavari. A big ship was carried away by the waves along the Wakalapudi beach near lakinada of East Godavari district. Many boats and fishing nets wear swept off in the areas adjoining Wakadu, Alluru, Mypad, Gangapatnam in Nellore district.</p>
27	Nisha	25–27 November 2008	T 3.0	45 Knots 83 Kmph	<p>As per the Tamil Nadu government Revenue site, loss of life wear 78 over the state during 24–28 November 2008 As per media reports 8 lakhs acres of paddy crops in Nagapattinam, Thanjavur and Tiruvarur (delta) districts and 55,250 ha of paddy in cuddalore district were submerged due to heavy rain. Andhra Pradesh: Chittur, Nellore and Prakasam districts of south coastal Andhea 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.</p>
28	Cyclonic Storm “Bijli”	14–17 April 2009	2.5	40 Knots 74 Kmph	No damage over India.
29	SCS “Aila”	23–26 May 2009	3.5	60 Knots 112 Kmph	<p>According to West Bengal government, number of people affected by storm was about 2.2 million. More than 61,000 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.</p>

(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)
30	Cyclonic Storm "Laila"	17-21 May 2010	3.5	55 Knots	
31	Cyclonic Storm "Giri"	20-23 October 2010	5.5	105 Knots	
32	Cyclonic Storm "Jal"	4-7 November 2010	3.5	60 Knots	
33	VSCS "Thane"	25-31 December 2011	T 4.5	75 Knots (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 73,292 thatched houses were fully damaged and 94,633 houses were partially 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 2860; 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 Rs 1300 to 1500 crore.
34	Cyclone Storm "Murjan"	23-26 October 2012	T 2.5	40 Knots (75 kmph)	No damage over India
35	Cyclonic Storm "Viyaru"	10-16 May 2013	T 3.0	45 Knots (83 kmph)	No damage over India basin (name of the coast of landfall)

36	VSCS "Phailin"	8–14 October 2013	T 6.0	115 Knots (213 Kmph)	Crossed Andaman & Nicobar near Maya Bandar between 0700–0800 UTC of 9 October as DD and later the VSCS crossed Odisha and adjoining north Andhra Pradesh coast near Gopalpur around 1700 UTC near 19.20°N and 84.90°E.
37	Bengal "Nilam"	28 October–1 November 2013	T 3.0	45 Knots (85 Kmph)	No damage over India
38	Severe cyclonic storm "Helen"	19–23 November 2013	T 3.5	55 Knots (102 Kmph)	Crossed Andhra Pradesh coast close to south of Machilipatnam near 16.10°N/81.20°E between 0800–0900 UTC.
39	VSCS "Lehar"	23–28 November 2013	T 4.0	75 Knots (139 Kmph)	Crossed Andaman & Nicobar Islands, south of Port Blair at around 0100 UTC of 25 November and later Andhra Pradesh close to north of Machilipatnam near 15.9°N/81.1°E around 0830 UTC of 27 November 2013 as a depression.
40	VSCS "Madi"	6–13 December 2013	T 4.0	65 Knots (120 Kmph)	Crossed Tamil Nadu coast near Vedaranyam around 1330 UTC and emerged into Palk Strait and again crossed Tamil Nadu coast near Tondi around 1700 UTC of 12 December 2013.

Source: Indian Meteorological Department, and Ministry of Home Affairs, Government of India, New Delhi.

Notes: SCS = Severe Cyclonic Storm and VSCS = Very Severe Cyclonic Storm.

* 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 21.1 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
Cottonseed 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 kg Each)
1 Ton of Sacking	1.11 Tons of Raw Jute 6.17 Bales of Raw Jute (of 180 kg Each)
1 Ton of Hessian	1.05 Tons of Raw Jute
Sacking etc.	5.85 Bales of Raw Jute (of 180 kg Each)
Groundnut	
Kernel to Nuts in Shell	70 per cent
Oil to Nuts in Shell	28 per cent
Oil to Kernels Crushed	40 per cent
Cake to Kernels Crushed	60 per cent
Sesamum	
Oil to Seeds Crushed	40 per cent
Cake to Seeds Crushed	60 per cent
Rapeseed and Mustard	
Oil to Seeds Crushed	33 per cent
Cake to Seeds Crushed	67 per cent
Linseed	
Oil to seeds Crushed	33 per cent
Cake to Seeds Crushed	67 per cent
Castor Seed	
Oil to Seeds Crushed	37 per cent
Cake to Seeds Crushed	63 per cent
Cottonseed	
Oil to Seeds Crushed	14 to 18 per cent
Cake to Seeds Crushed	82 to 86 per cent
Coconut	
Copra to Nuts	One Ton of Copra = 6773 Nuts
Oil to Copra Crushed	62 per cent
Cake to Copra Crushed	38 per cent

(Contd.)

Table 21 (*Contd.*)

Commodity (1)	Conversion Factor (2)
Niger Seed	
Oil to Seeds Crushed	28 per cent
Cake to Seeds Crushed	72 per cent
Kardi Seed	
Oil to Seeds Crushed	40 per cent
Cake to Seeds Crushed	60 per cent
Mahua Seed	
Oil to Seeds Crushed	36 per cent
Cake to Seeds Crushed	64 per cent
Neem Seed	
Oil to Kernels Crushed	45 to 50 per cent
Cake to Kernels Crushed	50 to 55 per cent
Soya Bean Seed	
Oil to Soya Bean Seed Crushed	18 per cent
Meal to Soya Bean Seed Crushed	73 per cent
Hull from Soya Bean Seed Crushed	8 per cent
Wastage from Soya Bean Seed Crushed	1 per cent
Sugar	
Gur from Cane Crushed	11.20 per cent to 11.50 per cent
Crystal Sugar from Gur Refined (Gur Refineries)	62.5 per cent
Crystal Sugar from Cane Crushed (Cane Factories)	10.20 per cent
Khandasari Sugar (Sulphur and Non-sulphur) from standard Gur Refined	46 per cent
Molasses from Cane Crushed	4.0 per cent to 4.5 per cent
Cane: Trash* from Cane Harvested	8.0 per cent to 12.0 per cent
Lac	
Seed Lac	66.0 per cent of Stick Lac
Shell Lac	57.4 per cent of Stick Lac
Cashew Nut	
Cashew Kernel	25 per cent of Cashew Nuts

* 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.

List of Studies Conducted by
Agro-Economic Research Centres

2009-10

1	Bt. Cotton—Consolidated Report	CMA, Ahmedabad
2	Economic Policy Reforms and Indian Fertilizer Industry	CMA, Ahmedabad
3	Management of Agri-Business Contracts and Organisations	CMA, Ahmedabad
4	Fresh Food Retail Chains in India—Impact on Small Primary Vegetable Producers and Traditional F&V Retailers	CMA, Ahmedabad
5	Mid-term Appraisal of DBT—Rural BIO Resource Complex Project	ADRT, Bangalore
6	State Budgetary Resources and Agricultural Development in Karnataka	ADRT, Bangalore
7	Sustainable Agriculture Development through Organic Farming in Karnataka	ADRT, Bangalore
8	Study in Tanks in Watershed Development Area in Karnataka	ADRT, Bangalore
9	An Evaluation Study of Prime Minister’s Rehabilitation Package for Farmers in Suicide-prone Districts of Karnataka	ADRT, Bangalore

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10	Viable Entrepreneurial Trade for Women in Agriculture—Consolidated	IEG, Delhi
11	The Problems and Prospects of Crop Diversification in Haryana and Punjab	IEG, Delhi
12	Agricultural Diversification in India with Special Reference to Haryana	IEG, Delhi
13	State Budgetary Resources and Agricultural Development	Allahabad
14	Problems and Prospects of Fish Farming in Bihar and Jharkhand	Bhagalpur
15	Impact Evaluation of Revised National Watershed Development Projects for Rainfed Areas (NWDPR) during 10 th Plan	Bhagalpur
16	Understanding the Growth and Prospects of Agro-Processing Industries in Bihar	Bhagalpur
17	State Budgetary Resources and Agricultural Development in Bihar.	Bhagalpur
18	An Evaluation Study of Prime Minister's Rehabilitation Package for Farmers in Suicide-prone Districts of Kerala	Chennai
19	The Impact of Macro Management Agriculture Scheme in Haryana	Delhi
20	The Impact of Macro Management Agriculture Scheme in Uttarakhand	Delhi
21	Impact Assessment Study of Agricultural Market Reforms in Uttarakhand and Haryana	Delhi
22	An Economic Analysis of Chickpea and its Value Added Products in Agri-Export Zone for Pulses in Madhya Pradesh	Jabalpur
23	State Budgetary Resources in Agricultural Development in Madhya Pradesh and Chhattisgarh	Jabalpur
24	Potentialities of Horticulture Crop and Market Accessibilities in Assam and Meghalaya	Jorhat
25	Current Situation of Jhum Cultivation and to Analyze Jhum Cycle in Mizoram and Meghalaya	Jorhat
26	State Budgetary Resources in Agricultural Development—A Study in Assam	Jorhat
27	Value Chain Analysis for High Value Crops (HVCs) in the Punjab State	Ludhiana
28	Performance Evaluation of Bt. Cotton Cultivation in Punjab	Ludhiana
29	State Budgetary Resources and Agricultural Development in Punjab	Ludhiana
30	Understanding the Growth and Prospects of Agro-Economic Industries in Maharashtra	Pune
31	Mid-term Evaluation of Revised National Watershed Development Projects for Rainfed Areas (NWDPR) during 10 th Plan	Pune
32	Evaluation of Five Decades of Livestock Development in Maharashtra and Threats and Opportunities in WTO Regime	Pune

33	An Evaluation Study of Prime Minister's Rehabilitation Package for Farmers in Suicide-prone Districts of Maharashtra	Pune
34	The Impact of Macro Management of Agriculture Scheme in Maharashtra (Coordinator: ADRT, Bangalore) (Proposed by Macro Management)	Pune
35	Food in Security Vulnerability and Coping Mechanism: A Study of Agricultural Sector in Himachal Pradesh*	Shimla
36	Determinants of Stagnation in Productivity, of Important Crops in Himachal Pradesh	Shimla
37	The Impact of Macro Management of Agriculture Scheme. (Coordinator: ADRT, Bangalore) (Proposed by Macro Management Division of the Ministry)	Shimla
38	State Budgetary Resources and Agricultural Development in Rajasthan	Vallabh Vidyanagar
39	Mid-term Evaluation of Revised National Watershed Development Projects for Rainfed Areas (NWDPR) during 10 th Plan in Rajasthan	Vallabh Vidyanagar
40	State Budgetary Resources and Agricultural Development in Gujarat	Vallabh Vidyanagar
41	Understanding the Growth and Prospect of Agro-Processing Industries in West Bengal	Visva Bharati
42	State Budgetary Resources and Agricultural Development (West Bengal)	Visva Bharati
43	Market Access and Constraints in Marketing of Goats and Their Products in West Bengal	Visva Bharati
44	Impact of Macro Management of Agricultural Scheme	Visva Bharati
45	Environmental Degradation, Tank Irrigation and Agricultural Yields in North Coastal Andhra	Waltair
46	State Budgetary Resources in Agricultural Development in Andhra Pradesh	Waltair

2010-11

1.	Organic input Production & Marketing in India—Efficiency, Issues & Policies	CMA, Ahmedabad
2.	Assessing Policy Interventions in Agri-business and Allied Sector Credit versus Credit Plus Approach for Livelihood Promotion (Proposed/Coordinated by CMA, Coverage: Gujarat, AP Centers: V.V. Nagar, Waltair)	CMA, Ahmedabad
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

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5	Consolidated Study-Evaluation of PM's Package for Rehabilitation of Farmers in Suicide-prone States (Proposed by Credit Division, Coverage: Andhra Pradesh, 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)	Allahabad
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: Kerala, 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 and 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
32	Production & Marketing Problems of Mushrooms in Himachal Pradesh	Shimla
33	Impact of Emerging Marketing Channels in Agricultural Marketing—Benefit to Producer-Seller & Marketing Costs and Margins of Apple and Tomato in Himachal Pradesh	Shimla
34	Impact of NREGA on Wage Rates, Cost of Production, Food Security and Rural Urban Migration, in Himachal Pradesh	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

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42	Impact of Aquaculture on Agriculture Production, Rural Employment and Environment—A Study in Andhra Pradesh (for Odisha: Completed during 2008-09)	Waltair
43	Estimation of Total Production of Broiler Meat and Its Costing in Andhra Pradesh (Suggested by Department 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, Coordinated by IEG	Waltair

2011-12

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
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 Uttar Pradesh	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
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

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2012-13

1	Economics of Fodder Cultivation and 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 Wage 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 Uttar Pradesh	Allahabad
9	End-term Evaluation Study/Appraisal in Respect of the Implementation of the Bringing Green Revolution to Eastern India (BGREI) Program	Allahabad
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 Kinnow in Punjab	Ludhiana
26	Economics of Fodder Cultivation and 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 Foodgrains and Post-Harvest Losses in West Bengal	Visva Bharati
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

1	Estimation of Pre- and Post-harvest Losses of Rice and Red Gram in Karnataka.	ADRT, Bangalore
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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 Agricultural 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
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 Post-harvest Losses in Tur and Soya Bean 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 Soya Bean 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 Vidyannagar
26	Assessment of Crop-wise Marketable and Marketed Surplus of Food Grains and Post-harvest Losses in Rajasthan	Vallabh Vidyannagar
27	Estimation of Pre- and Post-harvest Losses among Selected Crops in Gujarat	Vallabh Vidyannagar
28	Estimation of Pre- and Post-harvest Losses among Selected Crops in Rajasthan	Vallabh Vidyannagar
29	Evaluation of Market Intervention Scheme (MIS) and PSS in Rajasthan	Vallabh Vidyannagar
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

Appendices

APPENDIX I Explanatory Notes

Advance Estimates

The estimates of area, production and yield rates for 2013-14 are “advance estimates” as on 14 August 2014 and are based on deliberations held in weekly inter-disciplinary meetings of Crop Weather Watch Group, regarding availability of water in important reservoirs in the country, availability/supply of important inputs including credit to farmers community, feedback received from states etc. These estimates are “advance” in the sense that these have been prepared in advance of availability of results of Crop Cutting Experiments (CCE) and are subject to revision as more precise information flows from states to Directorate of Economics and Statistics (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 tens and 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 2013-14

The index numbers of area, production and yield rate for 2013-14 (from where growth rates have been derived) are based on advance estimates of principal crops as on 14 August 2014. However, there are a number of “non-forecast” crops such as plantation crops, cardamom and spices for which no advance estimates for 2013-14 (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, niger seed, safflower, sesamum, soya bean, sunflower and rapeseed and mustard (R&M).

Total Oilseeds

Total oilseeds include cottonseed and coconut besides nine oilseeds mentioned above.

Net Availability of Foodgrains

The net availability of foodgrains (NAF) is defined as, where

$$\text{NAF} = \text{GP} - \text{SFW} - e + i + s$$

where: 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 calculate the 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 (TE) 1981-82 as base year for the purpose of index numbers of area, production and yield in agriculture until 1999-2000. In 2000-01, it was decided to adopt TE 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 the agricultural 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_{i0} = the area under i^{th} crop in base year period.
 p_{ij} = production of i^{th} crop in the j^{th} year.
 p_{i0} = production of i^{th} crop in base year period.
 w_i = weight of i^{th} crop.

For the year j , individual crop indices are calculated as below:

- (a) Index number of area $= \frac{a_{ij}}{a_{i0}} \times 100 = IA_{ij}$
 (b) Index number of production $= \frac{p_{ij}}{p_{i0}} \times 100 = IP_{ij}$
 (c) 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) Index number of area $= \frac{\sum_{i \in G} w_i IA_{ij}}{\sum_{i \in G} w_i}$
 (b) Index number of production $= \frac{\sum_{i \in G} w_i IP_{ij}}{\sum_{i \in G} w_i}$
 (c) 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 (1)	English (2)	Botanical (3)	Hindi (4)
Cereals	Bara (bulrush or spiked millet)	Pennisetum typhoides	Bajra
	Barley	Hordeum vulgare	Jau
	Barnyard millet	Echinochloa frumentacea	Kutki
	Cholam (great millet)	Sorghum bicolor	Jowar
	Common millet	Panicum milliaceum	Cheena
	Little millet	Penicum milliare	Sawan
	Italian foxtail millet	Setarisiaitalica	Kangani
	Kodo millet	Paspalum scrobiculatum	Koden
	Maize or Indian corn	Zea mays	Makka
	Oat	Avena sativa	Jaie
	Ragi	Eleusine coracana	Mundua
	Paddy (rice)	Oryza sativa	Dhan (Chawal)
	Wheat	Triticum acstivum	Gehun
Pulses and beans	Black gram	Vignamungo	Urad
	Chickpea (Bengal gram)	Cicer arietinum	Chana
	Chicking vetch	Lathyrus sativus	Khesari
	Cluster bean	Cyamopiss tetragonoloba	Guar
	Cowpea	Vigna unguiculate	Lobia
	Green gram	Vigna radiata	Mung
	Horsegram	Dilichos biflorus	Kulthi
	Kidney bean	Vigna aconitifolia	Moth
	Lentil	Lens culimaris	Masur
	Peas	Pisum sativum vararvense	Matar
	Red gram (pigeon pea)	Cajanus cajan	Tur, arhar
	Soya bean	Glucine max	Soya bean
Sugar	Sugarcane	Saccharum Officinarum	Ganna

Fruits	Apple	<i>Malus sylvestris</i>	Seb
	Apricot	<i>Prunus armeniaca</i>	Khoobani
	Cashew nut	<i>Anaardium occidentale</i>	Kaju
	Fig	<i>Ficus carica</i>	Anjeer
	Grape	<i>Vitis vinifera</i>	Angur
	Guvava	<i>Psidium guajava</i>	Amrood
	Jackfruit	<i>Artocarpus heterophyllus</i>	Katahal
	Lemon	<i>Citrus lemon</i>	Nimbu
	Lime	<i>Citrus urantifolia</i>	Bara Nimbu
	Litchi	<i>Litchi chinensis</i>	Litchi
	Mango	<i>Magnifera indica</i>	Aam
	Orange mandar	<i>Citrus reticulata</i>	Santara, Narangi
	Papaya	<i>Carica papaya</i>	Papeeta
	Pear	<i>Pyrus communis</i>	Naspati
	Pineapple	<i>Ananas comosus</i>	Ananas
	Banana	<i>Musa paradisiaca</i>	Kela
	Pomegranate	<i>Punica granatum</i>	Anaar
	Sweet orange	<i>Citrus sincensis</i>	Malta, Mosambi
Vegetables	Ash gourd	<i>Benincasa hispida</i>	Petha
	Beet	<i>Beta vulgaris</i>	Chukandar
	Bitter gourd	<i>Momordica charantia</i>	Karela
	Bottle gourd	<i>Lagenaria siceraria</i>	Lauki
	Brinjal	<i>Lolanum melongena</i>	Baingan
	Cabbage	<i>Brassica oleracca</i> var, Capitata	Band gobi
	Carrot	<i>Daucus carota</i>	Gajar
	Cauliflower	<i>Brassica oleracca</i> var Botrytis	Phul gobi
	Cowpea	<i>Vigna unguiculate</i>	Lobia
	Cucumber	<i>Cucumis satius</i>	Kheera
	French bean	<i>Phaseolus vulgaris</i>	Faras bean
	Indian flat bean or sem	<i>Dolichos lablab</i>	Sem
	Kaol khol	<i>Brassica oleracea</i> var, Gongylodes	Ganth gobi
	Lady's finger (Okra)	<i>Abelmoschus esculentus</i>	Bhindi
	Little gourd	<i>Cuccinia cordifolia</i>	Kundur
	Musk melon	<i>Cucumis melo</i>	Kharbooza
	Onion	<i>Allium cepa</i>	Piyaz
	Pointed gourd	<i>Trichosanthes dioica</i>	Parwal, Potal
	Potato	<i>Solanum tuberosum</i>	Aaloo
	Pumpkin	<i>Curcubita moschata</i>	Sitaphal, Lal Kaddu, Kumbhra
	Radish	<i>Raphanus satius</i>	Muli
	Round gourd of India	<i>Citrullus vulgaris</i> var, fistulosus	Tinda
	Snap melon	<i>Cucumis melovvar</i> , momordica	Phoot
	Snake gourd	<i>Trichosanthes anguina</i>	Chachinda
	Tomato	<i>Lycopersicon escen lentum</i>	Tamatar
	Turnip	<i>Brassica rapa</i>	Shalgam
	Watermelon	<i>Citrullus vulgaris</i>	Tarbooz

(Contd.)

(Contd.)

Crop/ Group of Crops (1)	English (2)	Botanical (3)	Hindi (4)
Drugs and narcotics			
	Betel leaf		Paan
	Betel nut (areca nut)	Areca catechu	Supari
	Indian hemp	Cannabis sativa	Bhang
	Opium	Papaver somniferum	Afeem
	Tobacco	Nicotiana tabacum and Nicotiana rustica	Tambaku
Condiments and spices			
	Black pepper	Piper nigrum	Kali mirch
	Cardamom, Cardamum (lesser)	Elettaria cardamomum	Chhoti ilaichi
	Chillies	Capsicum annum	Lal mirch

APPENDIX IV

Crop Calendar of Major Crops

States/UTs (1)	Period (2)	Kharif Paddy (3)	Rabi Paddy (4)	Summer Paddy (5)	Kharif Bajra (6)	Summer Bajra (7)	Rabi Wheat (8)
Andhra Pradesh	Sowing Harvesting	May-Jun Nov-Dec	Nov-Dec May-Jun	Mar-Apr Jul-Aug	Jun (B)-Jul (M) Sep (B)-Oct (B)		
Assam	Sowing Harvesting	Feb-Mar Jun-Jul	Jun-Jul Nov-Dec	Nov-Dec May-Jun			Nov (B)-Dec (M) Mar (B)-Apr (E)
Bihar	Sowing Harvesting	Jun-Aug Oct-Nov	Oct-Nov Apr-May	Feb-Mar Jul-Aug			Nov (M)-Dec (E) Mar (M)-Apr (E)
Goa	Sowing Harvesting	May-Jun Sep-Oct					
Gujarat	Sowing Harvesting	Jun-Jul Oct-Nov			Jun (B)-Jul (E) Sep (B)-Nov (E)	Feb (B)-Feb (E) May (B)-May (E)	Oct (B)-Nov (E) Feb (B)-Mar (E)
Haryana	Sowing Harvesting	Jun-Jul Sep-Oct			Jun (M)-Jul (B) Oct (M)-Nov (M)		Oct (E)-Dec (B) Apr (M)-Apr (E)
Himachal Pradesh	Sowing Harvesting	May-Jun October					Oct (B)-Nov (E) Apr (M)-Jun (E)
Jammu & Kashmir	Sowing Harvesting	Apr-May Sep-Oct					Oct (B)-Dec (E) May (B)-May (E)
Karnataka	Sowing Harvesting	May-Jun Sep-Oct	Sep-Oct Jan-Feb	Jan-Feb May-Jun	Jul (B)-Aug (E) Oct (B)-Nov (E)	Jan (B)-Feb (E) Apr (B)-May (E)	Oct (B)-Nov (E) Jan (B)-Feb (E)
Kerala	Sowing Harvesting	Apr-May Sep-Oct	Sep-Oct Dec-Jan	Dec-Jan Mar-Apr			

(Contd.)

Appendix IV (Contd.)

States/UTs (1)	Period (2)	Kharif Paddy (3)	Rabi Paddy (4)	Summer Paddy (5)	Kharif Bajra (6)	Summer Bajra (7)	Rabi Wheat (8)
Madhya Pradesh	Sowing Harvesting	Jun-Jul Oct-Nov			Jun (M)-Jul (E) Sep (E)-Dec (M)		Oct (M)-Nov (E) Feb (M)-Mar (E)
Maharashtra	Sowing Harvesting	Jun-Jul Oct-Nov			Jun (B)-Jul (E) Sep (B)-Oct (E)		Oct (B)-Nov (E) Feb (B)-Mar (E)
Odisha	Sowing Harvesting	May-Jun Sep-Oct	Jun-Jul Nov-Dec	Dec-Jan Apr-May	Jun-Jul Sep-Oct		Oct-Nov Mar-Apr
Punjab	Sowing Harvesting	Jun-Jul Oct-Nov					Oct (B)-Nov (E) Apr (B)-May (E)
Rajasthan	Sowing Harvesting	Jun-Jul Oct-Nov			Jun (B)-Jul (E) Sep (B)-Oct (E)		Nov (B)-Dec (E) Mar (B)-Apr (E)
Uttar Pradesh	Sowing Harvesting	Jun-Jul Oct-Nov	Nov-Dec Apr-May		Jun (B)-Jul (E) Oct (B)-Nov (M)		Oct (B)-Dec (M) Apr (B)-Apr (M)
West Bengal	Sowing Harvesting						Nov (B)-Dec (E) Mar (B)-Apr (E)
All India	Sowing Harvesting	May-Aug Sep-Jan	Dec-Jan Apr-May		Jun-Jul Sep-Nov	Jan-Feb Apr-May	Oct-Dec Feb-Jun

States (1)	Period (2)	Early Kharif Arhar/Tur (3)	Kharif Arhar/Tur (4)
Andhra Pradesh	Sowing Harvesting	Jun (B)-Jun (M) Nov (M)-Dec (E)	Jun (M)-Jul (M) Dec (M)-Jan (M)
Karnataka	Sowing Harvesting	Jun (B)-Jun (M) Nov (B)-Dec (M)	Jun (M)-Jul (M) Dec (M)-Jan (M)
Maharashtra	Sowing Harvesting	Jun (B)-Jun (M) Dec (M)-Jan (M)	Jun (M)-Jul (M) Dec (M)- Feb (M)
Rajasthan	Sowing Harvesting	Jun (B)-Jun (M) Nov (M)-Dec (M)	Jun (M)-Jul (M) Jan (M)-Feb (M)
Uttar Pradesh	Sowing Harvesting	Jun (B)-Jun(M) Dec (M)-Dec (E)	Jul (B)-Jul (E) Mar (M)-Apr (E)
Tamil Nadu	Sowing Harvesting	Jun (B)-Jun(M) Nov (M) –Dec (M)	Jun (M)-Jul (M) Jan (M)-Feb (M)
Gujarat	Sowing Harvesting	Jun (B)-Jun (M) Nov (M)-Dec (M)	Jun (M)-Jul (M) Dec (M)-Jan (M)
Bihar	Sowing Harvesting	- -	Jul (B)-Jul (E) Mar (M)-Apr (E)
Madhya Pradesh	Sowing Harvesting	Jun (B)-Jun (M) Jun (B)-Jun (M)	Jun (M)-Jul (M) Jan (M)- Feb (M)
Uttarakhand	Sowing Harvesting	Jun (B)-Jun (M) Nov (M)-Dec (M)	- -
Odisha	Sowing Harvesting	Jun (B)-Jun (M) Nov (M)-Dec (M)	Jun (M)-Jul (M) Jan (M)-Feb (M)
Haryana	Sowing Harvesting	Jun (B)-Jun (M) Nov (M)-Dec (M)	- -
Punjab	Sowing Harvesting	Jun (B)-Jun (M) Nov (M)-Dec (M)	- -
Jharkhand	Sowing Harvesting	Jun (B)-Jun (M) Nov (M)-Dec (M)	Jul (B)-Jul (E) Mar (M)-Apr (E)
Chhattisgarh	Sowing Harvesting	Jun (B)-Jun (M) Nov (M)-Dec (M)	Jun (M)-Jul (M) Jan M)-Feb (M)
Tripura	Sowing Harvesting	Jun (B)-Jun (M) Nov (B)-Dec (M)	Jun (M)-Jul (M) Dec (M)-Jan (M)
Nagaland	Sowing Harvesting	Jun (B)-Jun (M) Nov (M)-Dec (M)	Jun (M)-Jul (M) Dec (M)-Jan (M)
All India	Sowing Harvesting	Jun (B)-Jun (M) Nov (M)-Jan (M),	Jun (B)-Jul (E) Dec (M)-Apr (E)

(Contd.)

Appendix IV (Contd.)

States/UTs	Period	Kharif Mungbean/Uradsbean	Rabi Mungbean/ Uradsbean	Spring/Summer Mungbean/Uradsbean	Horsegram Kharif	Chickpea Rabi
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Andhra Pradesh	Sowing Harvesting	Jun (M)-Jul (E) Sep (M)-Oct (M)	Oct (B)-Nov (B) Jan (B)-Feb (B)	Jan (B)-Feb (B) Mar (B)-Apr (M)		- -
Assam	Sowing Harvesting	Jul (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) Mar (B)-Mar (E)
Bihar	Sowing Harvesting	Jul (B)-Aug (E) Sep (M)-Oct (E)		Feb (E)-Apr (B) May (B)-Jun (M)	Aug (M)-Aug (E) Oct (E)-Nov (B)	Oct (M)-Nov (M) Mar (B)-Mar (E)
Chattisgarh	Sowing Harvesting	Jun-Jul Sep-Sep				Oct (B)-Oct (E) Feb (E)-Mar (E)
Gujarat	Sowing Harvesting	Jul (B)-Aug (E) Sep (M)-Oct (E)				Oct (B)-Nov (M) Feb (M)-Mar (E)
Haryana	Sowing Harvesting	Jul (B)-Aug (E) Sep (M)-Oct (E)		Feb (E)-Apr (B) May (B)-Jun (M)		Oct (M)-Nov (E) Mar (M)-Apr (B)
Jharkhand	Sowing Harvesting	Jul (B)-Aug (E) Sep (M)-Oct (E)		Feb (E)-Apr (B) May (B)-Jun (M)		
Karnataka	Sowing Harvesting	Jun (M)-Jul (E) Sep (M)-Oct (M)	Oct (B)-Nov (B) Jan (B)-Feb (B)	Jan (B)-Feb (B) Mar (B)-Apr (M)	Aug (E) Oct (M)-Nov (B)	Sep (E)-Oct (E) Jan (M)-Feb (E)
Kerala	Sowing Harvesting	Jun (M)-Jul (E) Sep (M)-Oct (M)		Jan (B)-Feb (B) Mar (B)-Apr (M)		
Madhya Pradesh	Sowing Harvesting	Jun (M)-Jul (E) Sep (M)-Oct (M)			August (E) Oct (E)	Oct (B)-Nov (B) Feb (M)-Mar (E)
Maharashtra	Sowing Harvesting	Jun (M)-Jul (E) Sep (M)-Oct (M)			Jul (M) Oct (M)	Sep (E)-Oct (E) Feb (M)-Mar (E)
Odisha	Sowing Harvesting	Jun (M)-Jul (E) Sep (M)-Oct (M)	Oct (B)-Nov (B) Jan (B)-Feb (B)	Jan (B)-Feb (B) Mar (B)-Apr (M)		

Punjab	Sowing Harvesting	Jul (B)-Aug (E) Sep (M)-Oct (E)	Feb (E)-Mar (M) May (B)-May (M)	Oct (M)-Nov (E) Mar (M)-Apr (E)
Rajasthan	Sowing Harvesting	Jul (B)-Aug (E) Sep (M)-Oct (E)	Jul (M) Oct (M)	
Tripura	Sowing Harvesting	Jul (B)-Aug (E) Sep (M)-Oct (E)	Feb (E)-Apr (B) May (B)-Jun (M)	
Tamil Nadu	Sowing Harvesting	Jun (M)-Jul (E) Sep (M)-Oct (M)	Oct (B)-Nov (B) Jan (B)-Feb (B)	Oct (E) Feb (B)
Uttar Pradesh	Sowing Harvesting	Jul (B)-Aug (E) Sep (M)-Oct (E)	Feb (E)-Apr (B) May (B)-Jun (M)	Oct (M)-Nov (E) Mar (M)-Apr (E)
West Bengal	Sowing Harvesting	Jul (B)-Aug (E) Sep (M)-Oct (E)	Feb (E)-Apr (B) May (B)-Jun (M)	Oct (M)-Nov (E) Mar (B)-Mar (E)
Himachal Pradesh	Sowing Harvesting	Jul (B)-Aug (E) Sep (M)-Oct (E)	- -	Jun (M)-Jul (E) Sep (E)-Oct (M)

(Contd.)

Appendix IV (Contd.)

States (1)	Period (2)	Kharif-Soya bean (3)	Niger (Kharif) (4)	Niger (Late Kharif) (5)
Madhya Pradesh	Sowing Harvesting	Jun (M)-Jul (M) Sep (E)-Oct (B)	Jun (M)-Jul (E) Oct (B)-Nov (M)	Aug (B)-Sep (B) Nov (B)-Dec (B)
Maharashtra	Sowing Harvesting	Jun (M)-Jul (M) Sep (E)-Oct (B)	Jun (B)-Jul (E) Oct (B)-Nov (M)	Aug (B)-Sep (B) Nov (B)-Dec (B)
Rajasthan	Sowing Harvesting	Jun (E)-Jul (M) Sep (E)-Oct (B)		
Karnataka	Sowing Harvesting	Jun (M)-Jul (B) Sep (E)-Oct (B)	Jun (B)-Jul (E) Oct (B)-Nov (M)	Aug (B)-Sep (B) Nov (B)-Dec (B)
Andhra Pradesh	Sowing Harvesting	Jun (M)-Jul (M) Sep (E)-Oct (B)	Jun (B)-Jul (E) Oct (B)-Nov (M)	Aug (B)-Sep (B) Nov (B)-Dec (B)
Chhattisgarh	Sowing Harvesting	Jun (M)-Jul (M) Sep (E)-Oct (B)		
Uttar Pradesh	Sowing Harvesting	Jun (E)-Jul (M) Sep (E)-Oct (B)		
Manipur	Sowing Harvesting	Jun-Jul Sep (E)-Oct (B)		
Meghalaya	Sowing Harvesting	Jun-Jul Sep (E)-Oct (B)		
West Bengal	Sowing Harvesting	Jun-Jul	Sep (E)-Oct (B)	
Odisha	Sowing Harvesting		Jun (B)-Jul (E) Oct (B)-Nov (M)	Aug (B)-Sep (B) Nov (B)-Dec (B)
Bihar/Jharkhand	Sowing Harvesting		Jun (B)-Jul (E) Oct (B)-Nov (M)	Aug (B)-Sep (B) Nov (B)-Dec (B)
Gujarat	Sowing Harvesting		Jun (B)-Jul (E) Oct (B)-Nov (M)	Aug (B)-Sep (B) Nov (B)-Dec (B)

States/UTs	Period	Rabi Gram (3)	Rabi Masur (4)	Kharif Pulses/Lentil (5)	Rabi Pulses/Lentil (6)	Rabi Pea (7)
(1)	(2)					
Assam	Sowing Harvesting				Oct (M)-Nov (M) Mar (M)-Apr (M)	Oct (M)-Nov (M) Mar (M)-Apr (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)-Apr (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)	
Jharkhand	Sowing Harvesting				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)
Tripura	Sowing Harvesting				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)
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)
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)
Maharashtra	Sowing Harvesting	Sep (B)-Oct (E) Feb (B)-Mar (E)				

(Contd.)

Appendix IV (Contd.)

States/UTs (1)	Period (2)	Rabi Gram (3)	Rabi Masur (4)	Kharif Pulses/Lentil (5)	Rabi Pulses/Lentil (6)	Rabi Pea (7)
Manipur	Sowing Harvesting	Sep-Oct Mar-Apr				
Meghalaya	Sowing Harvesting	Sep (B)-Oct (E) Dec (B)-Jan (E)		Sep (B)-Oct (E) Feb (B)-Mar (E)		
Punjab	Sowing Harvesting			Jun (B)-Jul (E)	Oct-Nov Mar-Apr	Oct-Nov Mar-Apr
Uttar Pradesh	Sowing Harvesting	Oct (B)-Nov (E) Mar (B)-Apr (E)	Oct (B)-Nov (E) Mar (B)-Mar (E)		Oct (M)-Nov (M) Mar (M)-Apr (M)	Oct (M)-Nov (M) Mar (M)-Apr (M)
West Bengal	Sowing Harvesting	Nov (M)-Dec (B) Mar (B)-Mar (E)		Nov (B)-Nov (E) Feb (B)-Mar (E)	Oct (M)-Nov (M) Mar (M)-Apr (M)	Oct (M)-Nov (M) Mar (M)-Apr (M)

States	Period	Groundnut		
		<i>Kharif</i>	<i>Rabi</i>	Summer/Spring
(1)	(2)	(3)	(4)	(5)
Andhra Pradesh	Sowing Harvesting	Jun (B)-Jul (E) Sep (M)-Nov (M)	Nov (M)-Jan (E) Feb (E)-May (B)	
Assam	Sowing Harvesting		Jul (B)-Aug (E) Nov (B)-Dec (E)	
Bihar	Sowing Harvesting			
Chhattisgarh	Sowing Harvesting			
Gujarat	Sowing Harvesting	Jun (B)-Jul (E) Sep (B)-Nov (E)		Jan (B)-Feb (E) Apr (B)-May (E)
Haryana	Sowing Harvesting			
Jammu & Kashmir	Sowing Harvesting			
Jharkhand	Sowing Harvesting			
Karnataka	Sowing Harvesting	Jun (B)-Jul (E) Sep (B)-Oct (E)	Nov (M)-Jan (E) Feb (E)-May (B)	Dec (B)-Jan (E) Mar (B)-Apr (E)
Madhya Pradesh	Sowing Harvesting	Jun (M)-Jul (E) Sep (M)-Oct (E)		
Maharashtra	Sowing Harvesting	Jun (E)-Jul (E) Oct (B)-Nov (B)		Jan (B)-Feb (E) Apr (B)-May (E)
Odisha	Sowing Harvesting			
Punjab	Sowing Harvesting			
Rajasthan	Sowing Harvesting	Jun (B)-Jul (E) Oct (B)-Nov (E)		
Tamil Nadu	Sowing Harvesting			
Uttar Pradesh	Sowing Harvesting	Jul (B)-Jul (E) Oct (B)-Nov (B)		
West Bengal	Sowing Harvesting	Jun (E)-Jul (B) Sep (E)-Oct (B)	Oct (E)-Nov (B) Jan (E)-Mar (B)	Feb (B)-Mar (E) May (B)-Jun (E)

(Contd.)

Appendix IV (*Contd.*)

States (1)	Period (2)	Rabi Linseed (3)
Assam	Sowing Harvesting	Oct (B)-Nov (B) Mar (B)-Apr (E)
Andhra Pradesh	Sowing Harvesting	Oct (B)-Oct (E) Feb (E)-Mar (E)
Bihar	Sowing Harvesting	Oct (B)-Nov (B) Mar (B)-Apr (E)
Madhya Pradesh	Sowing Harvesting	Oct (B)-Nov (M) Mar (B)-Mar (E)
Chhattisgarh	Sowing Harvesting	Oct (B)-Nov (M) Mar (B)-Mar (E)
Maharashtra	Sowing Harvesting	Oct (B)-Oct (E) Mar (B)-Mar (E)
Uttar Pradesh	Sowing Harvesting	Oct (B)-Nov (B) Mar (B)-Apr (E)
Odisha	Sowing Harvesting	Oct (B)-Oct (E) Mar (B)-Mar (E)
Jharkhand	Sowing Harvesting	Oct (B)-Nov (B) Mar (B)-Apr (E)
Karnataka	Sowing Harvesting	Oct (B)-Oct (E) Feb (B)-Mar (M)
Nagaland	Sowing Harvesting	Oct (B)-Nov (B) Mar (B)-Apr (E)
West Bengal	Sowing Harvesting	Oct (B)-Nov (B) Mar (B)-Apr (M)
Rajasthan	Sowing Harvesting	Oct (B)-Oct (E) Mar (B)-Mar (E)
Himachal Pradesh	Sowing Harvesting	Oct (B)-Nov (B) Apr (E)-May (M)
Jammu & Kashmir	Sowing Harvesting	Oct (B)-Nov (B) Apr (E)-May (M)
Punjab	Sowing Harvesting	Oct (M)-Nov (M) Mar (E)-Apr (E)

States	Period	Sesame Kharif (3)	Sesame Pre-Rabi (4)	Sesame Rabi (5)	Sesame Summer (6)
(1)	(2)				
Andhra Pradesh	Sowing Harvesting	Jun (B)-Jul (E) Oct (M)-Nov (M)	Aug (B)-Sep (M) Dec (E)-Jan (M)		Jan (M)-Feb (E) Apr (M)-May (E)
Karnataka	Sowing Harvesting	Jun (B)-Jul (E) Oct (M)-Nov (M)			
Kerala	Sowing Harvesting	Jun (B)-Jul (E) Oct (M)-Nov (M)			Jan (M)-Feb (E) Apr (M)-May (E)
Madhya Pradesh	Sowing Harvesting	Jun (B)-Jul (E) Oct (M)-Nov (M)	Aug (B)-Sep (M) Dec (E)-Jan (M)		
Maharashtra	Sowing Harvesting	Jun (B)-Jul (E) Oct (M)-Nov (M)	Aug (B)-Sep (M) Dec (E)-Jan (M)		Jan (M)-Feb (E) Apr (M)-May (E)
Odisha	Sowing Harvesting	Jun (B)-Jul (E) Oct (M)-Nov (M)		Oct (B)-Nov (M) Feb (M)-Mar (E)	Jan (M)-Feb (E) May (M)-Jun (M)
Rajasthan	Sowing Harvesting	Jun (B)-Jul (E) Oct (M)-Nov (M)			
Uttar Pradesh	Sowing Harvesting	Jun (B)-Jul (E) Oct (M)-Nov (M)			Feb-Mar May (M)-Jun (M)
West Bengal	Sowing Harvesting				Feb (M)-Mar (M) May (M)-Jun (M)
Gujarat	Sowing Harvesting	Jun-Jul Oct-Nov			Feb-Mar May-Jun
Tamil Nadu	Sowing Harvesting	Jun-Jul Oct-Nov	Aug (B)-Sep (M) Dec (E)-Jan (M)	Oct (B)-Nov (M) Feb (M)-Mar (E)	Jan-Feb May (M)-Jun (M)
All-India	Sowing Harvesting	Jun-Jul Sep-Nov	Aug (B)-Sep (M) Dec (E)-Jan (M)	Oct (B)-Nov (M) Feb (M)-Mar (E)	Jan-Mar May-Jun

(Contd.)

Appendix IV (Contd.)

States	Period	Sunflower Kharif	Sunflower Rabi	Summer/Spring	Castor Kharif	Safflower Rabi
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Andhra Pradesh	Sowing Harvesting	Jun (B)-Aug (E) Sep-Nov	Oct Jan		Jun (B)-Jul (E) Oct-Dec	Oct Feb
Assam	Sowing Harvesting					
Bihar	Sowing Harvesting					
Chhattisgarh	Sowing Harvesting					
Gujarat	Sowing Harvesting				Jul-Aug Jan-Feb	
Haryana	Sowing Harvesting					
Jammu & Kashmir	Sowing Harvesting					
Jharkhand	Sowing Harvesting					
Karnataka	Sowing Harvesting	Jun (B)-Aug (E) Sep-Nov	Oct Jan	Dec-Jan Mar-Apr	Jul-Aug Nov-Dec	Oct Feb
Madhya Pradesh	Sowing Harvesting					
Maharashtra	Sowing Harvesting	Jul (B)-Aug (E) Oct-Nov	Oct Jan			Sep (M)-Oct (M) Feb-Mar
Odisha	Sowing Harvesting					

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
Uttar Pradesh	Sowing Harvesting		
West Bengal	Sowing Harvesting	Feb Apr-May	
All India	Sowing Harvesting	Jun-Aug Sep-Nov	Oct Jan
		Feb Apr-May	Jul-Aug Jan-Feb
			Oct Feb

(Contd.)

Appendix IV (*Contd.*)

State (1)	Rapeseed & Mustard (2)	Sowing Time (3)	Harvesting Time (4)
Andhra Pradesh	Mustard/Banarasi Rai	Nov (L)-Dec (E)	Feb-Mar
Assam	Toria	Nov (L)-Dec (E)	Feb-Mar
Bihar	Mustard	Oct (L)-Nov (L)	Feb-Mar
	Toria	Sep (L)-Oct (E)	Jan-Feb
	Yellow Sarson	Oct (E)	Feb-Mar
Chhattisgarh	Mustard	Oct (E)-Nov (E)	Mar
	Toria	Sep (L)	Dec-Jan
Delhi	Mustard	Oct (L)-Nov (E)	Feb-Mar
	Toria	Sep (L)	Jan
	Taramira	Nov (E)	Mar
Gujarat	Mustard	Oct (L)	Feb-Mar
	Yellow Sarson	Oct (L)	Feb
Haryana	Mustard	Within Oct	Feb-Mar
	Toria	Sep (L)	Dec-Jan
	Taramira	Nov (E)	Mar
Himachal Pradesh	Mustard	Oct (L)-Nov (L)	Mar-Apr
	Brown Sarson	Within Oct	Apr
	Gobhi Sarson	Oct (L)-Nov (L)	Apr
Jammu & Kashmir	Mustard	Oct (L)-Nov (E)	Mar-Apr
	Brown sarson	Within Oct	Apr-May
Jharkhand	Mustard	Oct (L)	Mar
	Toria	Oct (E)	Feb-Mar
	Yellow Sarson	Oct (E)	Feb-Mar
Karnataka	Mustard	Within Oct	Feb
Madhya Pradesh	Mustard	Within Oct	Feb-Mar
	Toria	Sep (L)	Dec-Jan
Manipur	Mustard	Within Nov	Mar
	Toria	Oct (E)	Feb-Mar
Maharashtra	Mustard	Oct (L)-Nov (E)	Feb-Mar
Odisha	Mustard	Oct (L)-Nov (L)	Feb-Mar
	Toria	Oct (E)	Feb
	Yellow Sarson	Oct (E)	Feb-Mar
Punjab	Mustard	Oct (L)-Nov (L)	Mar-Apr
	Toria	Sep (L)	Dec-Jan
	Taramira	Nov (E)	Mar
	Gobhi Sarson	Oct (L)-Nov (L)	Mar-Apr
	Karan Rai	Oct (L)-Nov (L)	Mar-Apr
Rajasthan	Mustard	Sep (L)-Oct (L)	Feb-Mar
	Taramira	Oct (L)-Nov (E)	Mar
Uttarakhand	Mustard/Karan Rai	Oct (L)-Nov (L)	Mar
	Toria	Sep (L)	Dec-Jan
	Yellow Sarson	Oct (E)	Mar
Uttar Pradesh	Mustard	Within Oct	Feb-Mar
	Toria	Sep (L)	Dec-Jan
	Yellow Sarson	Within Oct	Feb-Mar
West Bengal	Mustard	Within Oct	Feb-Mar
	Toria	Oct (L)-Nov (E)	Feb
	Yellow Sarson	Oct (L)-Nov (E)	Feb-Mar

States/UTs (1)	Period (2)	Kharif Cotton (3)	Kharif Maize (4)	Rabi Maize (5)
Andhra Pradesh	Sowing Harvesting	Jun (E)-Jul (E) Dec (E)-Mar (M)	Jun (M)-Jul (M) Sep (M)-Oct (E)	Oct (E)-Jan (M) Feb (E)-May (B)
Bihar	Sowing Harvesting	Jul (B) Oct (M)-Nov (M)	Jun (M)-Jul (B) Oct (M)-Nov (M)	Nov (B)-Dec (E) Feb (B)-Mar (B)
Gujarat	Sowing Harvesting	May (B)-May (E) Oct (B)-Apr (E)	Jun (B)-Jul (E) Sep (B)-Nov (E)	
Haryana	Sowing Harvesting	Apr (B)-Apr (M) Oct (M)-Nov (M)	Jul (M)-Aug (B) Oct (M)-Oct (E)	
Himachal Pradesh	Sowing Harvesting		May (M)-Jun (E) Sep (M)-Oct (M)	
Karnataka	Sowing Harvesting		May (B)-Jun (E) Sep (B)-Oct (E)	Sep (B)-Oct (E) Jan (B)-Mar (E)
Kerala	Sowing Harvesting	Jun (B)-Oct (E) Dec (B)-Mar (E)		
Madhya Pradesh	Sowing Harvesting	Jun-Jul Nov-Dec	Jun (M)-Jul (E) Aug (M)-Dec (E)	
Maharashtra	Sowing Harvesting	Jun-Jul Nov-Dec	Jul (B)-Aug (E) Oct (B)-Nov (E)	
Odisha	Sowing Harvesting	Jun-Jul Nov-Dec	Jun-Jul Sep-Oct	
Punjab	Sowing Harvesting	Apr (B)-Mar (E) Sep (B)-Oct (E)	May(B)-Jun (E) Sep (B)-Oct (E)	
Rajasthan	Sowing Harvesting	Apr (B)-May (E) Nov (B)-Dec (E)	Jun (B)-Jul (E) Oct (B)-Nov (E)	
Uttar Pradesh	Sowing Harvesting	Apr (B)-Jun (E) Sep (B)-Nov (E)	Jun (B)-Jul (E) Sep (B)-Sep (E)	
West Bengal	Sowing Harvesting	Oct (B)-Nov (E) Sep (B)-Sep (E)	Mar (B)-May (E) Jun (B)-Aug (E)	Nov (B)-Nov (E) Mar (B)-Mar (E)
All-India	Sowing Harvesting	Apr-Jul Sep-Dec	Mar-Jul Sep-Dec	Sep-Jan Jan-May

(Contd.)

Appendix IV (*Contd.*)

States/UTs (1)	Period (2)	Kharif Sugarcane (3)	Rabi Sugarcane (4)	Kharif Jute (5)
Andhra Pradesh	Sowing Harvesting	Dec (E)-Jun (M) Dec (E)-May (M)		
Assam	Sowing Harvesting	Mar (B)-Apr (E) Dec (B)-Jan (E)		
Haryana	Sowing Harvesting	Feb (M)-Mar (M) Dec (M)-Mar (E)		
Karnataka	Sowing Harvesting	Dec (B)-Mar (E)* Aug (B)-May (E)		
Kerala	Sowing Harvesting			Jun (B)-Oct (E) Oct (B)-Jan (E)
Madhya Pradesh	Sowing Harvesting	Oct (B)-Apr (E) Oct (E)-Mar (E)		
Maharashtra	Sowing Harvesting	Jul (B)-Aug (E) Oct (B)-Nov (E)		
Manipur	Sowing Harvesting			Feb-Mar Aug-Sep
Odisha	Sowing Harvesting	Feb-May Nov-Feb		May-Jun Aug-Sep
Punjab	Sowing Harvesting	Feb (B)-Mar (E) Nov (B)-Feb (E)		
Rajasthan	Sowing Harvesting	Mar (B)-Apr (E) Dec (B)-Mar (E)		
Tamil Nadu	Sowing Harvesting	Dec (B)-Jan (E)*** Dec (B)-Jan (E)		
Tripura	Sowing Harvesting	Feb-May Dec-Mar		Mar-May Aug-Sep
West Bengal	Sowing Harvesting			Mar (B)-May (E) Jul (B)-Aug (E)
All India	Sowing Harvesting	Feb (B)-Aug (E) Aug (B)-Nov (E)	Jun (B)-Oct (E) Oct (B)-Jan (E)	Feb-Jun Aug-Oct

Source: Indian Council of Agricultural Research (Crop Science Division).

Notes: * Annual; ** Early kharif; *** Early sugarcane.

APPENDIX V
Harvesting Season of Major Fruits

States/UTs (1)	Mango (2)	Apple (3)	Banana (4)	Lime/Lemon (5)	Grapes (6)
Andhra Pradesh	Apr-May	*	Round the year	Oct-Dec	Mar-Apr
Arunachal Pradesh	*	Oct	Round the year	Round the year	*
Assam	Jun-Aug	*	Round the year	Jun-Sep	*
Bihar	Jun-Jul	*	Sept-Nov	*	*
Chhattisgarh	Apr-Jun	*	Feb-Mar and Jul-Sep	Mar-Apr and Jul-Aug	*
Delhi	*	*	*	*	
Goa	*	*	Round the year	*	
Gujarat	May	*	Sept-Nov	Sept-Oct	*
Haryana	Jul	*	*	December	Jun
Himachal Pradesh	Jul	Aug-Sep	Jul-Aug	Nov-Jan	Jul
Jammu & Kashmir	Jul	Sept-Oct	*	Nov-Dec	Jun-Jul
Jharkhand	May-Jun	*	Sept-Nov	Sept-Dec	*
Karnataka	Apr-Jun	*	Jul-Nov	Jul-Sep	*
Kerala	Feb-Mar	*	Aug-Sept and Nov-Dec	*	*
Madhya Pradesh	May-Jun	*	Jul-Aug	Jul-Sep	Mar-Apr
Maharashtra	Apr-May	*	Round the year	Mar-Apr	Mar and May

(Contd.)

Appendix V (Contd.)

States/UTs (1)	Mango (2)	Apple (3)	Banana (4)	Lime/Lemon (5)	Grapes (6)
Manipur	*	*	August	December	*
Meghalaya	*	*	Jun	*	*
Mizoram	Jul	*	February	August	October
Nagaland	Jul	*	Round the year	*	*
Odisha	Apr-Jun	*	Sep-Dec	Aug-Sep	*
Punjab	Jun	*	*	Round the year	May-Jun
Rajasthan	Jun	*	*	August	Jun
Sikkim	Jun	*	Sep-Oct	*	*
Tamil Nadu	May-Jun	*	Round the year	Feb-Mar	May and November
Tripura	Jun	*	Round the year	Jun-Jul	*
Uttar Pradesh	Jun	*	Aug-Sep	December	Jun
Uttarakhand	Jun-Aug	Jul-Aug	May-Aug	May-Jul and Nov-Dec	*
West Bengal	Jun-Jul	*	Aug-Sep	September	*
Andaman & Nicobar Islands	Jan-Apr	*	Jan-Mar and Oct-Dec	*	*
Chandigarh	*	*	*	*	*
Dadra & Nagar Haveli	May	*	Sep-Nov	*	*
Daman & Diu	May	*	Sep-Nov	*	*
Lakshadweep	*	*	Round the year	*	*
Puducherry	Jun-Jul	*	August	January	*

Source: Indian Horticulture database-2013.

Note: * Information not available.

APPENDIX VI

Harvesting Season of Major Vegetables

States/UTs (1)	Potato (2)	Onion (3)	Tomato (4)	Cabbage (5)	Cauliflower (6)
Andhra Pradesh	Apr-Jun	Apr and Jun Sep-Nov	Round the year	Nov and Jan	Nov and Jan
Arunachal Pradesh	*	*	*	*	*
Assam	Dec-Jan	Dec-Feb	Dec-Feb	Jan-Feb	Nov-Feb
Bihar	Jan-Feb	Mar-Apr	Jan-Feb	Nov-Feb	Dec-Feb
Chhattisgarh	Jan-Mar	Mar-Apr	Aug-Feb	Aug-Feb	Aug-Feb
Delhi	*	*	*	*	*
Goa	*	*	*	*	*
Gujarat	January	February	Dec-Mar	Dec-Feb	Dec-Feb
Haryana	Feb-Mar	Apr and December	Apr-Oct	Jan	January
Himachal Pradesh	May-Jun and Aug-Nov	May-Jun	May-Aug	Sep-Dec and February	Dec-Feb and Aug-Oct
Jammu & Kashmir	Apr and Jul	May-Jun	Apr	Oct-Apr	Oct-Apr
Jharkhand	Dec-Feb	Mar-Apr	Feb and Dec	Nov-Dec	Oct-Dec
Karnataka	Feb-Mar and Sep-Oct	Apr-Jun and Sep-Oct	May-Jul	Round the year	Round the year
Kerala	*	*	*	*	*
Madhya Pradesh	Feb-Mar	Mar-Apr	Oct and Dec-Feb	Jan-Feb	Jan-Feb
Maharashtra	Mar-May	Apr	Round the year	Jan-Feb	*
Manipur	Dec-Jan	*	Jul-Aug	Jul-Aug	Oct-Jan

(Contd.)

Appendix VI (Contd.)

States/UTs (1)	Potato (2)	Onion (3)	Tomato (4)	Cabbage (5)	Cauliflower (6)
Meghalaya	Apr	December	April	August	October
Mizoram	September	March	August	December	*
Nagaland	February	October	*	February	March
Odisha	Feb-Mar	Feb-Apr	Jan-Mar	Dec-Mar	Nov-Feb
Punjab	Dec-Jan	Apr	May	Dec-Mar	Dec-Jan
Rajasthan	Jan-Feb	Apr & Nov	Nov-Dec	December	January
Sikkim	Jun-Aug	Feb-Mar	Jun-Sep	Jun-Oct	Nov-Mar
Tamil Nadu	Round the year	Aug & Nov	Round the year	May-Dec	Feb and Dec
Tripura	*	*	*	*	*
Uttar Pradesh	Mar-Apr	Mar	February	January	January
Uttarakhand	Jul-Aug and Oct-Dec	May	Nov-Jan and May-Jun	Nov-Aug	Nov-Feb and Jul-Aug
West Bengal	Mar	Apr	Jan-Feb	Nov-Feb	Dec-Jan
Andaman & Nicobar Islands	*	*	Oct-Mar and Jun-Jul	Nov-Jan	Nov-Jan
Chandigarh	*	*	*	*	*
Dadra & Nagar Haveli	January	February	Dec-Feb	Dec-Feb	Dec-Feb
Daman & Diu	January	*	Dec-Feb	Dec-Feb	Dec-Feb
Lakshadweep	*	*	*	*	*
Puducherry	Apr and Jul	Apr and Nov	*	*	*

Source: Indian Horticulture database-2013.

Note: * Information not available.

APPENDIX VII

Seed Rate of Sowing for Important Field Crops

(Kg/Ha)		
Crop (1)	Variety Seed Rate (2)	Hybrid Seed Rate (3)
Cereals		
Rice	35-40	12-15 for normal planting 5 under SRI planting
Wheat	125	
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 14-16 Medium duration 12-14 Long duration 10-12	
Chickpea	75-100	
Chickpea desi	65-75	
Chickpea kabuli	100-120	
Mung bean	Kharif-20, rabi 25-30, summer 30-35	
Urad bean	Kharif-20, rabi 25-30, summer 30-35	
Field pea	80-100	
Lentil	50-60	
Rajmash	75-100	
Moth bean	15-18	
Kulthi	22-30	
Oilseeds		
Groundnut	100	
Rapeseed & Mustard	3-5	3.5
Soya bean	65-75	
Sunflower	5	5
Sesame	5	
Niger seed	5	
Safflower	7	
Linseed	30 for seed type 45 for dual purpose type	
Castor	5	5

(Contd.)

Appendix VII (*Contd.*)

Crop (1)	Variety Seed Rate (2)	Hybrid Seed Rate (3)
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 (olitorius), 7 (capsularis)	
Sunhemp	25	
Mesta	12	
Sugar crops		
Sugarcane	60 qtls. (40,000 sets of 3 buds in sub-tropics) (20,000-25,000 sets of 3 buds in tropics)	—

Source: Indian Council of Agricultural Research (ICAR).

AGRICULTURAL STATISTICS AT A GLANCE 2014



A flagship publication of the Ministry of Agriculture, this is an authentic source of data on various facets of the agriculture and allied sector. It gives a comprehensive picture of Indian agriculture by presenting statistical data across states and time periods, covering diverse aspects, such as crop production and productivity, land use, agricultural inputs, terms of trade, price support and procurement, domestic and international trade, rainfall, credit and insurance. Though primarily based on data being continuously generated by the Ministry of Agriculture through a nation-wide agricultural data collection system and by various other central and state government Departments, the 2014 edition includes key indicators of *Situation Assessment Survey of Agricultural Households 2013*, made public in December 2014.

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