Agricultural Statistics at a Glance 2023

सत्यमेव जयते

Government of India
Ministry of Agriculture & Farmers Welfare
Department of Agriculture & Farmers Welfare
Economics, Statistics & Evaluation Division

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MESSAGE

The agriculture and allied sector constitute the foundational pillar of the Indian economy, engaging over 50% of the workforce and contributing approximately 18% to the country's Gross Value Added (GVA). Observations of advancements within this sector are of significant interest to policymakers, businesses, academia, and other pertinent stakeholders. The flagship publication, "Agricultural Statistics at a Glance," issued by the Economics, Statistics & Evaluation Division of the Department of Agriculture & Farmers Welfare, stands as a dependable source for assessing the performance of agriculture and its associated sectors in India. This publication offers a comprehensive and regularly updated database encompassing various dimensions of Indian agriculture, including crop production and productivity across states, agricultural growth and investment, production costs, minimum support prices, terms of trade, land-use statistics, agricultural inputs, rainfall patterns, food security, subsidies, agricultural insurance, among others.

The E,S&E Division has diligently revised and enhanced this publication to align with the evolving demands of the contemporary global agricultural landscape. Given the global emphasis on sustainable farming practices, this edition of the publication incorporates information on organic farming, CH_4 emissions from crop residue and rice cultivation, and water stress. Furthermore, to enhance accessibility and utility for users, this publication is concurrently released on our websites: www.agriwelfare.gov.in and http://desagri.gov.in.

I extend my commendations to Dr. Promodita Sathish, Adviser; Shri Sanjoy Meitei, Economic Officer; and Ms. Neha Arora, Technical Assistant, for their commendable efforts in expediting the release of this volume.

This publication will prove beneficial to policymakers, academics, research institutions, the agricultural business community, and all other relevant stakeholders. I eagerly anticipate feedback for further enhancements.

(Devesh Chaturvedi)

September 05, 2024

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PREFACE

"Agricultural Statistics at a Glance" is a flagship publication of the Economics, Statistics and Evaluation Division of the Department of Agriculture & Farmers Welfare. It serves as a comprehensive repository of up-to-date data pertaining to crucial parameters such as crop area, production, and productivity across various states, land utilization statistics, price support and procurement mechanisms, international trade dynamics, credit and insurance schemes, rainfall patterns, among others. Esteemed for its reliability, this publication is widely utilized as a principal source of information within the agricultural and allied sectors by policymakers, farmers, researchers, scientists, administrators, representatives from trade and industry, statisticians, economists, and the general populace.

The current edition of this publication has been meticulously updated to encompass the latest information across the aforementioned domains, while also incorporating insights into emerging issues within the agricultural sector. In an effort to enhance accessibility, a digital version of the publication has been made available on our websites: www.agriwelfare.gov.in and desagri.gov.in. Gratitude is extended to the various contributing Ministries, Departments, and Organizations for their provision of updated material for this publication.

Furthermore, appreciation is duly extended to all personnel within the AER Unit of the Department of Agriculture & Farmers Welfare, with particular acknowledgment bestowed upon Dr. Promodita Sathish, Adviser, and her team for their commendable efforts in expeditiously producing this volume. Constructive feedback and suggestions for further enhancements are earnestly welcomed.

5.9.24.
(Devajit Khound)

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Acronyms

AAY	Antyodaya Anna Yojana
AE	Advance Estimate
AIBP	Accelerated Irrigation Benefit Programme
AMI	Agricultural Marketing Infrastructure
APL	Above Poverty Line
BE	Budget Estimate
BPL	Below Poverty Line
CACP	Commission for Agricultural Costs and Prices
CBB	Commercial Bank Branch
CCE	Crop Cutting Experiments
CCI	Cotton Corporation of India
CDSBO	Crude Degumed Soybean Oil
CES	Crop Estimation Surveys
CIF	Cost, Insurance & Freight
CIP	Central Issue Price
CMA	Centre for Management in Agriculture, IIM-Ahmedabad
CPI	Consumer Price Index
CPIS	Coconut Palm Insurance Scheme
CSO	Central Statistics Office
CWC	Central Warehousing Corporation
CWC	Central Water Commission
CWWG	Crop Weather Watch Group
DA&FW	Department of Agriculture & Farmers Welfare
DAHDF	Department of Animal Husbandry, Dairying and Fisheries
DAP	Di Ammonium Phosphate
DARE	Department of Agricultural Research and Education
DES	Directorate of Economics and Statistics
DFPD	Department of Food & Public Distribution
DGCI&S	Directorate General of Commercial Intelligence & Statistics
DMI	Directorate of Marketing and Inspection
DMS	Delhi Milk Scheme
E	Estimated
EARAS	Establishment of an Agency for Reporting of Agricultural Statistics
ERFS	Extended Range Forecast System
F2	Black Soil
F-414/H-777/J-34	F-414/H-777/J-34 Cotton variety (of Medium Staple Length)
FAO	Food and Agriculture Organisation of the United Nations
FAOSTAT	FAO Statistics
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
FL	Family Labour
FOD	Field Operations Division of NSO
FRL	Full Reservoir Level
FYM	Farm Yard Manure
GCA	Gross Cropped Area
GCES	General Crop Estimation Survey
GCF	Gross Capital Formation
GDP	Gross Domestic Product
GNP	Gross National Product
GSDP	Gross State Domestic Product
GVA	Gross Value Added
GSVA	Gross State Value Added
H-4/H-6	Cotton variety (of Long Staple Length)
Ha	Hectares
HLCC	High Level Coordination Committee
HYV	High Yielding Varieties
I	Irrigated
IAS	Improvement of Agricultural Statistics
IASRI	Indian Agricultural Statistics Research Institute
ICAR	Indian Council of Agricultural Research
ICS	Improvement of Crop Statistics
IEG	Institute of Economic Growth
IIP	Index of Industrial Production
IMD	India Meteorological Department
ISOPOM	Integrated Scheme of Oilseeds, Pulses, Oilpalm and Maize

ISRO	Indian Space Research Organization
K	Potash
KCC	Kisan Credit Card
Kgs	Kilograms
KMPH	Kilometers Per Hour
KWH	Kilo Watt Hour
LPA	Long Period Average
LPCPD	Litres Per Capita Per Day
LS	Light Soil
MIS	Market Intervention Scheme
MNAIS	Modified National Agricultural Insurance Scheme
MNCFC	Mahalanobis National Crop Forecast Centre
MOFPI	Ministry of Food Processing Industries
MRP	Mixed Reference Period
MSCCGMF	Maharashtra State Co-operative Cotton Growers Marketing Federation
MSP	Minimum Support Price
N	Nitrogen
N,P&K	Nitrogen, Phosphate and Potash
NA	Not Available/Not Announced
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
NCMRWF	National Centre for Medium Range Weather Forecast
NCOF	National Centre of Organic Farming
NDDB	National Dairy Development Board
Neg.	Negligible
NFSA	National Food Security Act
NFSM-OP	National Food Security Mission – Oilpalm
NHB	National Horticulture Board
NHM	National Horticulture Mission
NMOOP	National Mission on Oilseeds and Oilpalm
NNP	Net National Product
NPOP	National Programme for Organic Production
NQ	Not Quoted
NR	Not Recommended / Not Reported
NRSC	National Remote Sensing Centre
NS	New Series Estimates
NSA	Net Sown Area
NSO	National Statistical Office
NSSO	National Sample Survey Organisation
OECD	Organisation of Economic Cooperation and Development
OPAE	Oilpalm Area Expansion Programmes
OPDP	Oil Palm Development Programme
P	Provisional/ Phosphate
PACS	Primary Agricultural Credit Society
PDS	Public Distribution System
PGS	Participatory Guarantee System
PHH	Priority Households
PLDB	Primary Land Development Bank
PM-AASHA	Pradhan Mantri – Annadata Aay Sanrakshan Abhiyan
PMFBY	Pradhan Mantri Fasal Bima Yojana
PMKSY	Pradhan Mantri Krishi Sinchayee Yojana
PSE	Producers Support Estimate
PSEs	Public Sector Enterprises
PSF	Price Stabilization Fund
PSS	Price Support Scheme
QE	Quick Estimate
R	Revised
R&D	Research & Development
R&M	Rapeseed & Mustard
RBI	Reserve Bank of India
RE	Revised Estimates
RGI	Registrar General of India
RKVY	Rashtriya Krishi Vikas Yojana
RMC	Regional Ministers Conference
RRBB	Regional Rural Bank Branch
RWBCIS	Restructured Weather Based Crop Insurance Scheme
SAC	Space Application Centre
SASA	State Agricultural Statistical Authority
SCB	State Cooperative Bank
SDP	State Domestic Product

SFAC	Small Farmers Agri-Business Consortium
SHC	Soil Health Card
SLDB	State Land Development Bank
SRS	Sample Registration System
SSP	Single Super Phosphate
SWC	State Warehousing Corporation
T	Target
T E	Triennium Ending
TD-5	Tossa Deshi variety of Jute
TPDS	Targeted Public Distribution System
TRQ	Tariff Rate Quota
TRRM	Tropical Rains Measuring Mission
TRS	Timely Reporting Scheme
TT	Tentative Targets
UI	Un-irrigated
URP	Uniform Reference Period
UT	Union Territory
WBCIS	Weather Based Crop Insurance Scheme
WPI	Wholesale Price Index
WTO	World Trade Organisation

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	2.591 km^2
	1 acre	0.4047 ha
	1 acre	4046.86 m^2
	1 acre	4840 square yard
	1 square yard	9 square feet
	1 square yard	0.8361 m^2
	1 square foot	0.0929 m^2
Weight		
	1 tonne	1000 kg
	1 tonne	1.1023 US ton
	1 US ton	0.9072 tonnes
	1 hg	100 gram
	1 kg	2.2046 pounds (lb)
	1 kg	35.274 ounce (oz)
	1 lb	0.4536 kg
	1 oz	28.3495 gram
Units		
	1 crore	10 million
	1 million	10 lakh
	1 lakh	100000
	1 billion	1000 million

Key Agricultural Statistics at a Glance- All India				
S.No.	**Indicator**	**Year**	**Unit**	**Value**
	Land Use Indicators			
1	Geographical Area	2021-22	Million Hectare	328.75
2	Reported Area for Land Utilization Statistics	2021-22	Million Hectare	306.49
3	Area under Forest	2021-22	Million Hectare	72.00
4	Percentage of Area under Forest to Reported Area	2021-22	-	23.49%
5	Gross Cropped Area	2021-22	Million Hectare	219.16
6	Percentage of Gross Cropped Area to reported area	2021-22	-	71.50%
7	Net Area Sown	2021-22	Million Hectare	141.01
8	Percentage of Net Area Sown to Reported Area	2021-22	-	46.01%
9	Area sown more than once	2021-22	Million Hectare	78.15
10	Cropping Intensity (%)	2021-22	-	155.40
11	Net Irrigated Area	2021-22	Million Hectare	77.92
12	Gross Irrigated Area	2021-22	Million Hectare	120.38
	Production & Procurement Indicators			
14	Foodgrains Production	2022-23	Million Tonnes	329.69
	(a) Kharif	2022-23	Million Tonnes	155.71
	(b) Rabi	2022-23	Million Tonnes	157.84
15	Horticulture Production (as per 3rd Advance Estimates)	2022-23	Million Tonnes	351.92
16	Milk Production	2021-22	Million Tonnes	222.07
17	Meat Production	2021-22	Lakh Tonnes	92.92
18	Livestock Population as per 20th Livestock Census	2019	Million Numbers	536.76
19	Fish Production	2022-23	Lakh Tonnes	175.45
20	Procurement			
	(a) Rice- for Kharif Marketing Season 2023-24*	2023-24	Lakh Tonnes	518.58
	(b) Wheat- for Rabi Marketing Season 2023-24*	2023-24	Lakh Tonnes	262.02
	(c) Nutri/Coarse Grains*	2023-24	'000 Tonnes	640.91
	(d) Pulses Procurement under PSS *	2023-24	MT	2831401
	(e) Oilseeds Procurement under PSS*	2023-24	MT	1396814

	(f) Cotton	2022-23	Thousand Bales	102.53
	(h) Jute (as on 25.03.2024)	2023-24	Lakh Quintals	12.09
	Macro Economic Indicators			
21	GVA - Agriculture and Allied Sector at constant (2011-12) prices (Second Advance Estimates)	2023-24	Rs. Crore	2287329
22	Growth Rate of GVA in Agri and Allied sector at Constant (2011-12) Prices (Second Advance Estimates)	2023-24	-	0.7%
23	Share of Agri & Allied sector in Total GVA at Current Prices (Second Advance Estimates)	2023-24	-	17.6%
24	Value of Total Agricultural Exports	2022-23	Rs. Crore	427667.46
25	Percentage Share of Value of Agricultural Exports to National Exports	2022-23	-	11.81%
26	Value of Total Agricultural Imports	2022-23	Rs Crore	275704.09
27	Percentage Share of Value of Agricultural Imports to National Imports	2022-23	-	4.80%
	Employment Indicators			
28	Total Number of Cultivators as per Census 2011	2011	Million	118.8
29	Total Number of Agricultural Laborers as per Census 2011	2011	Million	144.3
30	Percentage share of Agricultural Workers (Cultivators and Agricultural Laborers) in Total Workforce as per Population Census 2011	2011	-	54.6%
31	Total No. of Operational Holdings as per Agriculture Census 2015-16	2015-16	Lakh	1464.54
	a) Marginal Holdings (upto 1 hectare)	2015-16	Lakh (% share)	1002.51 (68.45%)
	b) Small Holdings (1-2 hectare)	2015-16	Lakh (% share)	258.09 (17.62%)
	c) Others (Above 2 hectare)	2015-16	Lakh (% share)	203.92 (13.93%)
Source: DA&FW, DGCI&S, DFPD, RGI and NSO				
*As on 29.02.2024				

1

Economic & Social Dimensions of Agriculture

1.1(a): Population and Agricultural Workers

(In Million)

Year	Total Population	Average Annual Exponential Growth Rate (%)	Rural Population	Total Workers	Agricultural Workers		
					Cultivators	Agricultural Labourers	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1951	361.1	1.25	298.6 (82.7)	139.5	69.9 (71.9)	27.3 (28.1)	97.2 (69.7)
1961	439.2	1.96	360.3 (82.0)	188.7	99.6 (76.0)	31.5 (24.0)	131.1 (69.5)
1971	548.2	2.20	439.0 (80.1)	180.4	78.2 (62.2)	47.5 (37.8)	125.7 (69.7)
1981	683.3	2.22	525.5 (76.9)	244.6	92.5 (62.5)	55.5 (37.5)	148.0 (60.5)
1991	846.4	2.16	628.7 (74.5)	314.1	110.7 (59.7)	74.6 (40.3)	185.3 (59.0)
2001	1028.7	1.97	742.5 (72.2)	402.2	127.3 (54.4)	106.8 (45.6)	234.1 (58.2)
2011	1210.9	1.50	833.7 (68.9)	481.9	118.8 (45.1)	144.3 (54.9)	263.1 (54.6)

Source : Registrar General of India.

Notes :

1. For 2001, figures include estimated figures for those of the three sub-divisions viz. Mao Maram, Paomata and Purul of Senapati district of Manipur as census results of 2001 Census in these three sub-divisions were cancelled due to technical and administrative reasons.
2. The 1991 Census could not be held owing to disturbed conditions prevailing in Jammu & Kashmir. Hence the population figures for 1991 of Jammu & Kashmir have been worked out by 'interpolation'. The data on workers in Col. 5-7 exclude J&K.
3. The 1981 census could not be held in Assam. The figures for 1981 for Assam have been worked out by interpolation. The data on workers in Col. 5-7 exclude Assam.
4. Figures within parentheses in Col.-4 are percentages to the Total Population.
5. Figures within parentheses in Col.-6 and 7 are percentages to Col.-8.
6. Figures within parentheses in Col.-8 is percentage share of Agricultural Workers in Total Workers.

1.1(b): State-wise Classification of Agricultural Workers- 2011

States\UTs	Total / Urban / Rural	Cultivators (Main and Marginal)	Agricultural Labour (Main and Marginal)	Male Cultivators (Main and Marginal)	Male Agricultural Labour (Main and Marginal)	Female Cultivators (Main and Marginal)	Female Agricultural Labour (Main and Marginal)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
India	**Total**	**118808780**	**144333690**	**82762934**	**82742337**	**36045846**	**61591353**
	Rural	**115084638**	**136998308**	**79895308**	**77932222**	**35189330**	**59066086**
	Urban	**3724142**	**7335382**	**2867626**	**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

contd…

States\UTs	Total / Urban / Rural	Cultivators (Main and Marginal)	Agricultural Labour (Main and Marginal)	Male Cultivators (Main and Marginal)	Male Agricultural Labour (Main and Marginal)	Female Cultivators (Main and Marginal)	Female Agricultural Labour (Main and Marginal)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Rajasthan	Total	13618870	4939664	7518486	2132669	6100384	2806995
	Rural	13358033	4733917	7349824	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	574031	114918	327109	46032	246922	68886
	Rural	523537	90644	293208	35797	230329	54847
	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
Meghalaya	Total	494675	198364	277330	106342	217345	92022
	Rural	486320	192223	272616	102620	213704	89603
	Urban	8355	6141	4714	3722	3641	2419

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States\UTs	Total / Urban / Rural	Cultivators (Main and Marginal)	Agricultural Labour (Main and Marginal)	Male Cultivators (Main and Marginal)	Male Agricultural Labour (Main and Marginal)	Female Cultivators (Main and Marginal)	Female Agricultural Labour (Main and Marginal)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Assam	Total	4061627	1845346	3099763	1129210	961864	716136
	Rural	4018907	1814075	3066222	1107173	952685	706902
	Urban	42720	31271	33541	22037	9179	9234
West Bengal	Total	5116688	10188842	4500041	7452814	616647	2736028
	Rural	4952543	9843816	4368282	7172599	584261	2671217
	Urban	164145	345026	131759	280215	32386	64811
Jharkhand	Total	3814832	4436052	2291182	2341700	1523650	2094352
	Rural	3752614	4339302	2247745	2276639	1504869	2062663
	Urban	62218	96750	43437	65061	18781	31689
Odisha	Total	4103989	6739993	3375350	3481836	728639	3258157
	Rural	4030351	6618943	3312661	3404743	717690	3214200
	Urban	73638	121050	62689	77093	10949	43957
Chhattisgarh	Total	4004796	5091882	2424025	2344549	1580771	2747333
	Rural	3901065	4894820	2354630	2243248	1546435	2651572
	Urban	103731	197062	69395	101301	34336	95761
Madhya Pradesh	Total	9844439	12192267	6591064	6310657	3253375	5881610
	Rural	9473811	11691203	6300435	6009667	3173376	5681536
	Urban	370628	501064	290629	300990	79999	200074
Gujarat	Total	5447500	6839415	4244449	3649591	1203051	3189824
	Rural	5251457	6481295	4079513	3411622	1171944	3069673
	Urban	196043	358120	164936	237969	31107	120151
Daman & Diu	Total	2316	772	1492	362	824	410
	Rural	1654	551	938	193	716	358
	Urban	662	221	554	169	108	52
Dadra & Nagar Haveli	Total	28164	17799	18296	5453	9868	12346
	Rural	26140	16569	16760	4892	9380	11677
	Urban	2024	1230	1536	561	488	669
Maharashtra	Total	12569373	13486140	7592313	6774538	4977060	6711602
	Rural	12216563	12720993	7324880	6307148	4891683	6413845
	Urban	352810	765147	267433	467390	85377	297757

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States\UTs	Total / Urban / Rural	Cultivators (Main and Marginal)	Agricultural Labour (Main and Marginal)	Male Cultivators (Main and Marginal)	Male Agricultural Labour (Main and Marginal)	Female Cultivators (Main and Marginal)	Female Agricultural Labour (Main and Marginal)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
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
Puducherry	Total	12099	68391	10033	42794	2066	25597
	Rural	8997	58259	7399	35397	1598	22862
	Urban	3102	10132	2634	7397	468	2735
Andaman & Nicobar Islands	Total	16567	4781	12663	3744	3904	1037
	Rural	16185	4620	12364	3614	3821	1006
	Urban	382	161	299	130	83	31

Source : Registrar General of India.

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

1.2: State-wise Percentage of Population Below Poverty Line

States/UTs	2004-05			2009-10			2011-12		
	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Andhra Pradesh	32.3	23.4	29.6	22.8	17.7	21.1	11.0	5.8	9.2
Arunachal Pradesh	33.6	23.5	31.4	26.2	24.9	25.9	38.9	20.3	34.7
Assam	36.4	21.8	34.4	39.9	26.1	37.9	33.9	20.5	32.0
Bihar	55.7	43.7	54.4	55.3	39.4	53.5	34.1	31.2	33.7
Chhattisgarh	55.1	28.4	49.4	56.1	23.8	48.7	44.6	24.8	39.9
Delhi	15.6	12.9	13.0	7.7	14.4	14.2	12.9	9.8	9.9
Goa	28.1	22.2	24.9	11.5	6.9	8.7	6.8	4.1	5.1
Gujarat	39.1	20.1	31.6	26.7	17.9	23.0	21.5	10.1	16.6
Haryana	24.8	22.4	24.1	18.6	23.0	20.1	11.6	10.3	11.2
Himachal Pradesh	25.0	4.6	22.9	9.1	12.6	9.5	8.5	4.3	8.1
Jammu & Kashmir	14.1	10.4	13.1	8.1	12.8	9.4	11.5	7.2	10.4
Jharkhand	51.6	23.8	45.3	41.6	31.1	39.1	40.8	24.8	37.0
Karnataka	37.5	25.9	33.3	26.1	19.6	23.6	24.5	15.3	20.9
Kerala	20.2	18.4	19.6	12.0	12.1	12.0	9.1	5.0	7.1
Madhya Pradesh	53.6	35.1	48.6	42.0	22.9	36.7	35.7	21.0	31.7
Maharashtra	47.9	25.6	38.2	29.5	18.3	24.5	24.2	9.1	17.4
Manipur	39.3	34.5	37.9	47.4	46.4	47.1	38.8	32.6	36.9
Meghalaya	14.0	24.7	16.1	15.3	24.1	17.1	12.5	9.3	11.9
Mizoram	23.0	7.9	15.4	31.1	11.5	21.1	35.4	6.4	20.4
Nagaland	10.0	4.3	8.8	19.3	25.0	20.9	19.9	16.5	18.9
Odisha	60.8	37.6	57.2	39.2	25.9	37.0	35.7	17.3	32.6
Puducherry	22.9	9.9	14.2	0.2	1.6	1.2	17.1	6.3	9.7
Punjab	22.1	18.7	20.9	14.6	18.1	15.9	7.7	9.2	8.3
Rajasthan	35.8	29.7	34.4	26.4	19.9	24.8	16.1	10.7	14.7
Sikkim	31.8	25.9	30.9	15.5	5.0	13.1	9.9	3.7	8.2
Tamil Nadu	37.5	19.7	29.4	21.2	12.8	17.1	15.8	6.5	11.3
Tripura	44.5	22.5	40.0	19.8	10.0	17.4	16.5	7.4	14.1
Uttar Pradesh	42.7	34.1	40.9	39.4	31.7	37.7	30.4	26.1	29.4
Uttarakhand	35.1	26.2	32.7	14.9	25.2	18.0	11.6	10.5	11.3
West Bengal	38.2	24.4	34.2	28.8	22.0	26.7	22.5	14.7	20.0
All-India	**42.0**	**25.5**	**37.2**	**33.8**	**20.9**	**29.8**	**25.7**	**13.7**	**21.9**

Source: NITI Aayog (erstwhile Planning Commission)

Notes:

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

1.3(a): Gross Value Added by Economic Activity at Constant (2011-12) Basic Prices

(₹ crore)

S.No.	Industry	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21@	2021-22`	2022-23#	2023-24*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1.	**Agriculture, forestry and fishing**	**1501947**	**1524288**	**1609198**	**1605715**	**1616146**	**1726004**	**1840023**	**1878598**	**1994326**	**2074212**	**2170106**	**2272250**	**2287329**
1.1	Crops	982151	983809	1037060	998425	969344	1020258	1075111	1049211	1108603	1137474	1174359	1230083	-
1.2	Livestock	327334	344375	363558	390449	419637	461572	497830	540970	581714	617799	657269	690268	-
1.3	Forestry and logging	124436	124743	132093	134609	136960	144547	152351	163949	173972	183993	185031	186825	-
1.4	Fishing and aquaculture	68027	71362	76487	82232	90205	99627	114730	124468	130037	134947	153447	165075	-
2.	**Mining and quarrying**	**261035**	**262609**	**263107**	**288685**	**317974**	**349248**	**329612**	**326815**	**317134**	**291075**	**309276**	**315256**	**340821**
3.	**Manufacturing**	**1409986**	**1486873**	**1560709**	**1683938**	**1903850**	**2054764**	**2209428**	**2328992**	**2259706**	**2329160**	**2561033**	**2504663**	**2717235**
3.1	Food Products, Beverages and Tobacco	167524	154540	153560	157637	183150	202964	214366	258683	217690	217310	208077	209631	-
3.2	Textiles, Apparel and Leather Products	153238	177398	216411	216429	258936	261079	280873	300013	290913	263593	312949	280436	-
3.3	Metal Products	229627	238520	277322	261206	225306	285206	319555	326298	329198	379472	450144	438862	-
3.4	Machinery and Equipment	334670	345731	324994	357017	429550	474418	533307	580847	535784	511679	558573	585208	-
3.5	Other Manufactured Goods	524927	570684	588422	691649	806908	831097	861327	863152	886120	957107	1031289	990527	-
4.	**Electricity, gas, water supply & other utility services**	**186668**	**191635**	**199601**	**214047**	**224158**	**246496**	**272650**	**294147**	**300798**	**288213**	**317966**	**347973**	**374125**
5.	**Construction**	**777335**	**780050**	**800771**	**835229**	**865335**	**916445**	**964306**	**1026789**	**1043429**	**995371**	**1193532**	**1306256**	**1445603**
6.	**Trade, repair, hotels and restaurants**	**883582**	**981620**	**1034506**	**1135841**	**1261426**	**1389322**	**1568175**	**1707781**	**1828868**	**1438477**	**1614780**	**1838718**	**2957058$**
6.1	Trade & repair services	793681	888665	941941	1037640	1150121	1268230	1435984	1563237	1675607	1367599	1517811	1684541	-
6.2	Hotels & restaurants	89901	92955	92565	98201	111305	121092	132191	144544	153261	70878	96968	154177	-
7.	**Transport, storage, communication & services related to broadcasting**	**529534**	**569523**	**617556**	**671848**	**731399**	**757056**	**800245**	**830977**	**861192**	**715411**	**865601**	**939005**	-
7.1	Railways	61150	69162	73685	80720	85452	82161	87886	91350	82303	65754	79828	94504	-
7.2	Road transport	262442	282425	300563	320813	343155	362324	396401	417538	432160	317897	426710	446247	-
7.3	Water transport	6910	7052	7345	7954	8095	8569	11915	12628	13016	12265	13053	14134	-
7.4	Air transport	4393	4183	4550	5188	6053	7172	8373	9402	9158	3433	5443	8749	-
7.5	Services incidental to transport	63602	66480	70172	75596	81156	86835	84351	89061	91356	81238	84531	95281	-
7.6	Storage	5108	5716	5210	5529	6245	6100	12976	13784	14021	13857	18128	17380	-
7.7	Communication & services related to broadcasting	125930	134505	156031	176047	201243	203896	198344	197215	219178	220967	237909	262710	-
8	**Financial, Real Estate & Professional Services**	**1530877**	**1680031**	**1867407**	**2073715**	**2294787**	**2492967**	**2537191**	**2714221**	**2898243**	**2954130**	**3122847**	**3405474**	**3684959**
8.1	Financial services	480226	529792	577914	627255	672788	695983	728670	758170	784536	824294	831305	894603	-
8.2	Real estate, ownership of dwelling & professional services	1050651	1150239	1289493	1446460	1621999	1796983	1808521	1956051	2113708	2129836	2291542	2510871	-
9	**Public Administration, Defence & other services**	**1025982**	**1069646**	**1110794**	**1203115**	**1276797**	**1395982**	**1512542**	**1625478**	**1732404**	**1601295**	**1721699**	**1875304**	**2020579**
9.1	Public administration and defence	491155	501383	510046	543853	565106	614238	676507	722773	762531	757886	780846	828314	-
9.2	Other services	534827	568262	600748	659262	711691	781744	836035	902705	969873	843408	940853	1046990	-
10.	**GVA at basic prices**	**8106946**	**8546275**	**9063649**	**9712133**	**10491870**	**11328285**	**12034171**	**12733798**	**13236100**	**12687345**	**13876840**	**14804901**	**15827708**
11.	Total Net Value Added at basic prices	7189771	7535614	7963039	8533489	9220980	9946758	10544250	11119343	11504922	10854586	11921052	12720270	13599058
12.	Net taxes on Products	629383	666741	737721	815541	877623	979909	1110411	1259117	1298540	1007525	1145006	1266528	1462573
13.	Net Factor Income from Abroad	-76824	-108354	-122343	-124687	-134922	-144575	-145888	-152440	-141741	-200893	-193926	-240296	-255896
14.	NNI	7742330	8094001	8578417	9224343	9963681	10782092	11508774	12226019	12661722	11661217	12872132	13746502	14805736
15.	Per Capita Income (in Rupees)	63462	65538	68572	72805	77659	83003	87586	92133	94420	86034	94054	99404	106134
16	**GDP at market prices**	**8736329**	**9213017**	**9801370**	**10527674**	**11369493**	**12308193**	**13144582**	**13992914**	**14534641**	**13694869**	**15021846**	**16071429**	**17290281**

Source: National Statistical Office (NSO)

Note: @: Third Revised & Final Estimates, `: Second Revised & Final Estimates; #: First Revised Estimates; * : Second Advance Estimates (As on 29.02.2024)

$ Include trade, hotels, transport, storage, communication & services related to broadcasting

1.3(b): Gross Value Added by Economic Activity at Current Basic Prices

(₹ crore)

S.No.	Industry	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21@	2021-22`	2022-23#	2023-24*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1.	**Agriculture, forestry and fishing**	**1501947**	**1675107**	**1926372**	**2093612**	**2227533**	**2518662**	**2829826**	**3029925**	**3368471**	**3706469**	**4099473**	**4484268**	**4692360**
1.1	Crops	982151	1088814	1248776	1292874	1327992	1486044	1633264	1680777	1885276	2063990	2280312	2478925	-
1.2	Livestock	327334	368823	422733	510411	582410	672611	785683	882009	977918	1113089	1238401	1355460	-
1.3	Forestry and logging	124436	137558	156674	173760	184411	205364	217603	255053	269727	284445	297337	324875	-
1.4	Fishing and aquaculture	68027	79911	98190	116567	132720	154643	193275	212087	235550	244945	283422	325007	-
2.	**Mining and quarrying**	**261035**	**285842**	**295794**	**308476**	**294011**	**326808**	**336109**	**377661**	**357001**	**324140**	**439339**	**494602**	**527064**
3.	**Manufacturing**	**1409986**	**1572837**	**1713452**	**1878369**	**2146189**	**2333721**	**2566623**	**2812560**	**2705101**	**2803495**	**3392605**	**3536461**	**3773280**
3.1	Food Products, Beverages and Tobacco	167524	168227	175673	185899	213832	259668	278089	335679	290152	301068	308264	325541	-
3.2	Textiles, Apparel and Leather Products	153238	187981	246424	249573	300357	303155	332470	366299	353727	318680	421585	395520	-
3.3	Metal Products	229627	248915	286998	273621	232868	273963	333177	368761	357527	425305	620148	641299	-
3.4	Machinery and Equipment	334670	356231	343383	388961	485168	541055	587161	650442	608260	591723	678764	742264	-
3.5	Other Manufactured Goods	524927	611483	660973	780315	913964	955881	1035726	1091380	1095434	1166718	1363843	1431838	-
4.	**Electricity, gas, water supply & other utility services**	**186668**	**215350**	**260155**	**282258**	**334965**	**355709**	**425718**	**449459**	**502999**	**500780**	**577793**	**604209**	**651838**
5.	**Construction**	**777335**	**849365**	**921470**	**979086**	**991084**	**1080870**	**1200414**	**1352118**	**1378669**	**1359511**	**1835674**	**2178693**	**2397798**
6.	**Trade, repair, hotels and restaurants**	**1413116**	**1663986**	**1874467**	**1320833**	**1433969**	**1609001**	**1881395**	**2136707**	**2326331**	**1845440**	**2309096**	**2854476**	**4688447$**
6.1	Trade & repair services	793681	954683	1078421	1206474	1307323	1468583	1722671	1955798	2131423.5	1754566.88	2170391	2615146	-
6.2	Hotels & restaurants	89901	99850	106140	114359	126646	140418	158723	180909	194907.32	90872.8071	138705	239330	-
7.	**Transport, storage, communication & services related to broadcasting**	**529534**	**609453**	**689906**	**786763**	**860544**	**930155**	**997528**	**1066055**	**1152557.9**	**1016715.49**	**1365822**	**1555672**	**-**
7.1	Railways	61150	72296	78724	92459	100451	106786	116584	123596	135376.18	129708.569	145500	163878	-
7.2	Road transport	262442	300652	338306	370364	399902	434947	484134	536552	565161.69	429311.696	667974	735480	-
7.3	Water transport	6910	7190	6476	7590	7298	9206	13021	13059	13227.962	14087.5476	19210	25198	-
7.4	Air transport	4393	8128	6853	11820	20344	21496	22444	12730	22496.222	10839.2631	11114	16640	-
7.5	Services incidental to transport	63602	72054	75719	91681	88246	102468	97602	103341	103581.81	93071.9655	125990	153736	-
7.6	Storage	5108	6165	6026	6407	7021	7442	16194	18597	19796.281	20962.4562	21586	23936	-
7.7	Communication & services related to broadcasting	125930	142969	177804	206442	237282	247809	247549	258179	292917.74	318733.992	374447	436804	-
8	**Financial, Real Estate & Professional services**	**1530877**	**1776632**	**2069508**	**2363346**	**2626138**	**2911437**	**3127212**	**3529498**	**3881113**	**4028179**	**4645873**	**5520163**	**6052948**
8.1	Financial services	480226	536819	599341	661411	726286	750201	846194	941778	1027635.7	1086370.71	1173240	1442485	-
8.2	Real estate, ownership of dwelling & professional services	1050651	1239813	1470167	1701935	1899852	2161236	2281018	2587720	2853477.1	2941808.13	3472633	4077678	-
9	**Public Administration, Defence & other services**	**1025982**	**1163574**	**1301935**	**1491536**	**1660067**	**1898837**	**2140841**	**2421146**	**2708874**	**2626268**	**2969909**	**3430497**	**3893944**
9.1	Public administration and defence	491155	546231	601912	676818	731578	827438	945082	1045488	1151735.5	1206853.2	1315856	1489174	-
9.2	Other services	534827	617343	700023	814718	928489	1071399	1195759	1375658	1557139	1419414.71	1654053	1941323	-
10.	**GVA at basic prices**	**8106946**	**9202692**	**10363153**	**11504279**	**12574499**	**13965200**	**15505665**	**17175128**	**18381117**	**18210997**	**21635584**	**24659041**	**26677679**
11.	NVA at basic prices	7189771	8141787	9167178	10161988	11124802	12373868	13740853	15190838	16217506	15870410	18961127	21785843	26677679
12.	Net taxes on Products	629383	741321	870369	963680	1197376	1426469	1584378	1724540	1722476	1643099	1961815	2290605	2712007
13.	Net Factor Income from Abroad	-76824	-116763	-139884	-147430	-159779	-176400	-184813	-202324	-193114	-266687	-277808	-370307	-431313
14.	NNI	7742330	8766345	9897663	10978238	12162398	13623936	15140418	16713054	17746868	17246821.3	20652786	23439442	25561438
15.	Per Capita Income (in Rupees)	63462	70983	79118	86647	94797	104880	115224	125946	132341	127244	150906	169496	183236
16	**GDP at market prices**	**8736329**	**9944013**	**11233522**	**12467959**	**13771874**	**15391669**	**17090042**	**18899668**	**20103593**	**19854096**	**23597399**	**26949646**	**29389686**

Source: National Statistical Office (NSO)

Note: @: Third Revised & Final Estimates, `: Second Revised & Final Estimates; #: First Revised Estimates; * : Second Advance Estimates (As on 29.02.2024)

$ Include trade, hotels, transport, storage, communication & services related to broadcasting

1.3 (c): Sectoral share in Gross Value Added at Current Basic Prices

(Figures in percentage)

S.No.	Industry	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21@	2021-22`	2022-23#	2023-24*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
I	**Agriculture,forestry & fishing**	**18.5**	**18.2**	**18.6**	**18.2**	**17.7**	**18.0**	**18.3**	**17.6**	**18.3**	**20.4**	**18.9**	**18.2**	**17.6**
	Crops	12.1	11.8	12.1	11.2	10.6	10.6	10.5	9.8	10.3	11.3	10.5	10.1	-
	Livestock	4.0	4.0	4.1	4.4	4.6	4.8	5.1	5.1	5.3	6.1	5.7	5.5	-
	Forestry and logging	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.5	1.5	1.6	1.4	1.3	-
	Fishing and aquaculture	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.3	-
II	**Industry**	**32.5**	**31.8**	**30.8**	**30.0**	**30.0**	**29.3**	**29.2**	**29.1**	**26.9**	**27.4**	**28.9**	**27.6**	**27.6**
	Mining and quarrying	3.2	3.1	2.9	2.7	2.3	2.3	2.2	2.2	1.9	1.8	2.0	2.0	2.0
	Manufacturing	17.4	17.1	16.5	16.3	17.1	16.7	16.6	16.4	14.7	15.4	15.7	14.3	14.1
	Electricity, gas, water supply & other utility services	2.3	2.3	2.5	2.5	2.7	2.5	2.7	2.6	2.7	2.7	2.7	2.5	2.4
	Construction	9.6	9.2	8.9	8.5	7.9	7.7	7.7	7.9	7.5	7.5	8.5	8.8	9.0
III	**Services**	**49.0**	**50.0**	**50.6**	**51.8**	**52.3**	**52.6**	**52.5**	**53.3**	**54.8**	**52.3**	**52.2**	**54.2**	**54.9**
	GVA at basic prices	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**

Source: National Statistical Office (NSO)

Note: @: Third Revised & Final Estimates, `: Second Revised & Final Estimates; #: First Revised Estimates; * : Second Advance Estimates (As on 29.02.2024)

1.3 (d): Growth of Gross Value Added at Constant (2011-12) Basic Prices

(Figures in percentage)

S.No.	Industry	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21@	2021-22`	2022-23#	2023-24*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
I	**Agriculture,forestry & fishing**	**1.5**	**5.6**	**-0.2**	**0.6**	**6.8**	**6.6**	**2.1**	**6.2**	**4.0**	**4.6**	**4.7**	**0.7**
	Crops	0.2	5.4	-3.7	-2.9	5.3	5.4	-2.4	5.7	2.6	3.2	4.7	-
	Livestock	5.2	5.6	7.4	7.5	10.0	7.9	8.7	7.5	6.2	6.4	5.0	-
	Forestry and logging	0.2	5.9	1.9	1.7	5.5	5.4	7.6	6.1	5.8	0.6	1.0	-
	Fishing and aquaculture	4.9	7.2	7.5	9.7	10.4	15.2	8.5	4.5	3.8	13.7	7.6	-
II	**Industry**	**3.3**	**3.8**	**7.0**	**9.6**	**7.7**	**5.9**	**5.3**	**-1.4**	**-0.4**	**12.2**	**2.1**	**9.0**
	Mining and quarrying	0.6	0.2	9.7	10.1	9.8	-5.6	-0.8	-3.0	-8.2	6.3	1.9	8.1
	Manufacturing	5.5	5.0	7.9	13.1	7.9	7.5	5.4	-3.0	3.1	10.0	-2.2	8.5
	Electricity, gas, water supply & other utility services	2.7	4.2	7.2	4.7	10.0	10.6	7.9	2.3	-4.2	10.3	9.4	7.5
	Construction	0.3	2.7	4.3	3.6	5.9	5.2	6.5	1.6	-4.6	19.9	9.4	10.7
III	**Services**	**8.3**	**7.7**	**9.8**	**9.4**	**8.5**	**6.3**	**7.2**	**6.4**	**-8.4**	**9.2**	**10.0**	**7.5**
	GVA at basic prices	**5.4**	**6.1**	**7.2**	**8.0**	**8.0**	**6.2**	**5.8**	**3.9**	**-4.1**	**9.4**	**6.7**	**6.9**
	GDP at market prices	**5.5**	**6.4**	**7.4**	**8.0**	**8.3**	**6.8**	**6.5**	**3.9**	**-5.8**	**9.7**	**7.0**	**7.6**

Source: National Statistical Office (NSO)

Note: @: Third Revised & Final Estimates, `: Second Revised & Final Estimates; #: First Revised Estimates; * : Second Advance Estimates (As on 29.02.2024)

1.3(e): Back Series: Gross Value Added by Economic Activity at Constant (2011-12) Basic Prices*

(₹ crore)

S. No.	Industry	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1.	**Agriculture, forestry and fishing**	**1152841**	**1208285**	**1243794**	**1312283**	**1309079**	**1297556**	**1411634**
1.1	crops	750752	796926	815268	871091	849407	822186	916216
1.2	livestock	214000	223793	237726	250633	269777	283777	304475
1.3	forestry and logging	139263	137100	136275	133454	130713	130324	126279
1.4	fishing and aquaculture	48827	50467	54526	57105	59182	61269	64663
2.	**Mining and quarrying**	**232212**	**246422**	**257982**	**269872**	**263137**	**278970**	**316533**
3.	**Manufacturing**	**793308**	**867475**	**1021780**	**1093106**	**1144085**	**1269564**	**1367258**
3.1	Food Products, Beverages and Tobacco	97295	108847	143457	148089	153624	160539	143178
3.2	Textiles, Apparel and Leather Products	81612	95017	113475	110147	124603	141876	151321
3.3	Metal Products	132348	151519	175676	183519	189641	208609	232510
3.4	Machinery and Equipment	139788	159114	190104	207550	238516	282541	307612
3.5	Other Manufactured Goods	342265	352978	399067	443802	437702	475999	532637
4.	**Electricity, gas, water supply & other utility services**	**116105**	**123440**	**133351**	**144508**	**151539**	**160529**	**171947**
5.	**Construction**	**411620**	**464605**	**514181**	**574451**	**606438**	**647639**	**687071**
6.	**Trade, repair, hotels and restaurants**	**537367**	**593354**	**653714**	**694463**	**701527**	**723045**	**834970**
6.1	Trade & repair services	483515	531753	584720	618540	628897	650621	750536
6.2	Hotels & restaurants	53852	61600	68994	75923	72631	72425	84433
7.	**Transport, storage, communication & services related to broadcasting**	**315337**	**340028**	**366055**	**398564**	**418103**	**465802**	**493652**
7.1	Railways	35495	38271	42443	46377	49696	54151	57021
7.2	Road transport	150600	164500	181439	196984	208273	225446	244325
7.3	Water transport	6095	6461	6450	6963	7423	7391	7747
7.4	Air transport	1587	1961	2577	3150	2933	3386	3961
7.5	Services incidental to transport	34983	39788	42178	46711	48423	52707	56533
7.6	Storage	2404	2440	2689	2968	2983	4093	4716
7.7	broadcasting	84172	86608	88278	95411	98372	118627	119348
8	**Financial Services**	**278995**	**312009**	**351907**	**386282**	**405932**	**435089**	**464305**
9	**Real Estate, ownership of dwelling & Professional Services**	**706974**	**767647**	**807555**	**863402**	**908597**	**964440**	**1000759**
10	**Public Administration & Defence**	**295462**	**308660**	**315270**	**339457**	**403444**	**471451**	**470839**
11	Other services	252280	282302	292778	321908	362334	417752	485546
12	**GVA at basic prices**	**5092503**	**5514228**	**5958367**	**6398295**	**6674215**	**7131836**	**7704514**
13	**GDP at market prices**	**5480380**	**5914614**	**6391375**	**6881007**	**7093403**	**7651078**	**8301235**

Source: National Statistical Office (NSO)

* As per Back Series for period 2004-05 to 2011-12 with Base 2011-12 released by erstwhile CSO on 28-11-2018

1.3 (f): Back Series: Gross Value Added by Economic Activity at Current Basic Prices*

(₹ crore)

S.No.	Industry	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1.	**Agriculture, forestry and fishing**	**567635**	**639988**	**715179**	**820532**	**925878**	**1066008**	**1299884**
1.1	crops	364695	419039	467942	553371	615489	706037	877256
1.2	livestock	103971	112438	122596	143186	170690	203991	250867
1.3	forestry and logging	71828	76822	89472	85057	95647	105628	114505
1.4	fishing and aquaculture	27140	31689	35169	38919	44052	50353	57256
2.	**Mining and quarrying**	**93759**	**110533**	**128999**	**149210**	**163962**	**193263**	**251303**
3.	**Manufacturing**	**504309**	**580160**	**736206**	**826138**	**942847**	**1091430**	**1300146**
3.1	Food Products, Beverages and Tobacco	57308	68533	93306	89916	109359	122207	149766
3.2	Textiles, Apparel and Leather Products	57770	70303	88728	83007	99345	124168	155791
3.3	Metal Products	95185	93551	131103	165689	158150	179828	217538
3.4	Machinery and Equipment	101834	124470	149048	167574	194343	239915	275570
3.5	Other Manufactured Goods	192212	223304	274021	319953	381650	425312	501481
4.	**Electricity, gas, water supply & other utility services**	**77503**	**83470**	**93254**	**105895**	**108536**	**140906**	**161495**
5.	**Construction**	**255447**	**298540**	**357380**	**432602**	**501582**	**555714**	**632754**
6.	**Trade, repair, hotels and restaurants**	**302408**	**352179**	**418625**	**474944**	**536795**	**603293**	**742211**
6.1	Trade & repair services	272046	315530	374306	422836	480934	542511	666811
6.2	Hotels & restaurants	30362	36649	44319	52108	55860	60782	75400
7.	**Transport, storage, communication & services related to broadcasting**	**224007**	**255988**	**293887**	**329450**	**367531**	**409649**	**449550**
7.1	Railways	28601	30555	36759	42473	46376	53681	55464
7.2	Road transport	103280	119505	136551	148326	164954	180463	217872
7.3	Water transport	3386	3687	3999	4461	5282	5390	6533
7.4	Air transport	2310	2193	1842	1756	1421	3880	4997
7.5	Services incidental to transport	22477	26993	30114	33640	37147	41078	49618
7.6	Storage	1601	1701	1969	2226	2392	3360	4288
7.7	broadcasting	62352	71354	82652	96567	109958	121796	110779
8	**Financial Services**	**147718**	**180851**	**228107**	**266110**	**315614**	**347819**	**427102**
9	**Real Estate, ownership of dwelling & Professional Services**	**381137**	**430240**	**495890**	**583601**	**688776**	**784722**	**916683**
10	**Public Administration & Defence**	**175040**	**190538**	**207404**	**236404**	**304702**	**396920**	**435761**
11	Other services	175335	204427	229963	265302	316615	385182	466781
12	**GVA at basic pricesGVA at basic prices**	**2904299**	**3326914**	**3904895**	**4490188**	**5172838**	**5974906**	**7083671**
13	**GDP at market prices**	**3186332**	**3632125**	**4254629**	**4898662**	**5514152**	**6366407**	**7634472**

Source: National Statistical Office (NSO)

* As per Back Series for period 2004-05 to 2011-12 with Base 2011-12 released by erstwhile CSO on 28-11-2018

1.3 (g): Back Series: Sectoral share in Gross Value Added at Current Basic Prices*

(Figures in percentage)

S.No.	Industry	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
I	**Agriculture,forestry & fishing**	**19.5**	**19.2**	**18.3**	**18.3**	**17.9**	**17.8**	**18.4**	**18.5**
	Crops	12.6	12.6	12.0	12.3	11.9	11.8	12.4	12.1
	Livestock	3.6	3.4	3.1	3.2	3.3	3.4	3.5	4.0
	Forestry and logging	2.5	2.3	2.3	1.9	1.8	1.8	1.6	1.5
	Fishing and aquaculture	0.9	1.0	0.9	0.9	0.9	0.8	0.8	0.8
II	**Industry**	**32.1**	**32.2**	**33.8**	**33.7**	**33.2**	**33.2**	**33.1**	**32.5**
	Mining and quarrying	3.2	3.3	3.3	3.3	3.2	3.2	3.5	3.2
	Manufacturing	17.4	17.4	18.9	18.4	18.2	18.3	18.4	17.4
	Electricity, gas, water supply & other utility services	2.7	2.5	2.4	2.4	2.1	2.4	2.3	2.3
	Construction	8.8	9.0	9.2	9.6	9.7	9.3	8.9	9.6
III	**Services**	**48.4**	**48.6**	**47.9**	**48.0**	**48.9**	**49.0**	**48.5**	**49.0**
	GVA at basic prices	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**

Source: National Statistical Office (NSO)

* As per Back Series for period 2004-05 to 2011-12 with Base 2011-12 released by erstwhile CSO on 28-11-2018

1.3 (h): Back Series: Growth of Gross Value Added at Constant (2011-12) Basic Prices*

(Figures in percentage)

S.No.	Industry	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
I	**Agriculture,forestry & fishing**	**4.8**	**2.9**	**5.5**	**-0.2**	**-0.9**	**8.8**	**6.4**
	Crops	6.2	2.3	6.8	-2.5	-3.2	11.4	7.2
	Livestock	4.6	6.2	5.4	7.6	5.2	7.3	7.5
	Forestry and logging	-1.6	-0.6	-2.1	-2.1	-0.3	-3.1	-1.5
	Fishing and aquaculture	3.4	8.0	4.7	3.6	3.5	5.5	5.2
II	**Industry**	**9.6**	**13.2**	**8.0**	**4.0**	**8.8**	**7.9**	**3.6**
	Mining and quarrying	6.1	4.7	4.6	-2.5	6.0	13.5	-17.5
	Manufacturing	9.3	17.8	7.0	4.7	11.0	7.7	3.1
	Electricity, gas, water supply & other utility services	6.3	8.0	8.4	4.9	5.9	7.1	8.6
	Construction	12.9	10.7	11.7	5.6	6.8	6.1	13.1
III	**Services**	**9.1**	**7.0**	**7.8**	**6.5**	**8.7**	**7.8**	**5.9**
	GVA at basic prices	**8.3**	**8.1**	**7.4**	**4.3**	**6.9**	**8.0**	**5.2**
	GDP at market prices	**7.9**	**8.1**	**7.7**	**3.1**	**7.9**	**8.5**	**5.2**

Source: National Statistical Office (NSO)

* As per Back Series for period 2004-05 to 2011-12 with Base 2011-12 released by erstwhile CSO on 28-11-2018

1.4(a): Gross State Value Added of Agriculture and Allied Sector at Constant (2011-12) Prices

(₹ in Lakh)

S.No.	State/UT	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Andhra Pradesh	9400805	9783109	10835268	11219987	12151829	13971716	16519151	17103517	18558456	18936105	20685533	21625526
2	Arunachal Pradesh	455505	472794	491472	538905	507157	433527	435963	535283	649736	623171	653920	NA
3	Assam	2848113	3314074	3209159	3295165	3433875	3500560	3614528	3638722	3929547	4262563	4610029	5224539
4	Bihar	6206655	6803952	5951631	5934907	6073530	6666773	7190492	7118646	7193551	7777610	8106230	8640301
5	Chattisgarh	2685950	2850360	2927578	3121630	3092063	3750127	3341450	3792163	3990204	4172014	4352524	4610803
6	Goa	204298	195849	222419	222662	208798	242740	249795	264205	276380	280731	287516	NA
7	Gujarat	10736422	9255884	11713736	11714466	11529691	13321078	14544521	13282320	14621512	14711150	15600702	NA
8	Haryana	6453886	6326499	6502514	6357661	6602221	7126659	7628998	8300504	8742405	8684912	8819989	9286174
9	Himachal Pradesh	1162626	1244329	1371209	1327286	1440749	1384302	1351208	1390891	1650008	1539622	1614738	1646401
10	Jammu & Kashmir #	1306347	1249071	1299210	1159250	1454647	1536770	1551737	1668175	1627363	1602549	1683481	1798924
11	Jharkhand	2233546	2364954	2321295	3033187	2171688	2680275	2739386	2553952	2554471	2715582	2852262	3141296
12	Karnataka	7554868	7169532	7687782	8017991	7227764	7452337	9092544	8765841	10355842	11930222	12968995	13684205
13	Kerala	4837594	4906807	4597159	4598265	4363785	4335472	4426954	4334271	4223374	4289941	4500762	NA
14	Madhya Pradesh	9107231	11339017	11320844	12025714	11975929	15109824	15142817	15194942	17117781	17881101	18969959	20060101
15	Maharashtra	15002673	14939157	16780588	14983466	14435585	17473451	17348087	16985908	18351037	20742002	23101057	NA
16	Manipur	251623	276425	288575	295331	273718	290342	427979	412810	398989	385812	397872	NA
17	Meghalaya	282868	313890	326927	376920	359196	373430	378643	375848	381777	426515	425675	446840
18	Mizoram	149468	145937	157013	329058	335566	351946	319915	335763	346863	306321	306307	NA
19	Nagaland	373363	396443	435269	452811	420256	458524	440956	414289	463946	466363	378090	NA
20	Odisha	3934537	4558109	4368529	4711024	4111533	4930742	4389513	4773229	5418966	5813283	6004488	6308298
21	Punjab	7816825	7886830	8147237	7866141	7976262	8474872	8880794	9091915	9254983	9356002	9432225	9783582
22	Rajasthan	11910303	12264217	13360426	13730589	13685850	14878869	14869161	15661536	17587159	18587893	19861383	20898886
23	Sikkim	90137	93361	96740	99226	103078	112249	130498	145383	150503	137478	140122	144890
24	Tamil Nadu	8773221	7818877	9161346	9836476	10091573	9928662	11127061	11849026	12749166	13321030	14061584	14615450
25	Telangana	5461488	5943354	6179205	5581067	5161495	5732440	6282309	6672504	8658144	8925758	8888910	9673765
26	Tripura	511201	550569	646611	670462	720113	748871	775492	855217	903743	930413	947491	986414
27	Uttar Pradesh	18325197	19161813	19071717	18685675	19479107	20695953	21466259	22446325	22687674	23096952	26522183	27606870
28	Uttarakhand	1330209	1355632	1339655	1335730	1312630	1366211	1367992	1405076	1467873	1516680	1533306	1618207
29	West Bengal	11710585	12156539	12150254	12694116	12766739	13237639	13866885	14060903	14355063	14568972	14897176	15186707
30	Andaman & Nicobar Islands	59713	61215	65791	68664	65875	64970	67955	70953	76107	80668	80881	NA
31	Chandigarh	12641	12160	12389	12359	13171	12540	12783	14259	16314	15163	15959	NA
32	Delhi	285663	223585	208519	181518	166190	171205	182471	195838	191339	152641	145287	143585
33	Puducherry	75378	79263	80607	89147	83166	83803	89387	91602	89988	85057	90689	NA

Source: National Statistical Office (NSO)

Notes:

1. Figures are as per the new series with base year 2011-12
2. Agriculture and Allied Sector includes Agriculture (crop and live-stock), Forestry, Logging and Fishing.

*As per latest available estimates from respective State Governments (as on 29-02-2024)

NA :- Not Available

#: For the years 2011-12 to 2018-19, information relates to Jammu and Kashmir and Ladakh and for the years 2019-20 to 2022-23, relates to UT of Jammu and Kashmir

1.4 (b): Gross State Value Added of Agriculture and Allied Sector at Current Prices

(₹ in Lakh)

S.No.	State/UT	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Andhra Pradesh	9400805	11186428	12895568	14819641	17316690	21086285	25893933	27633461	31050063	34354178	38845328	43964462
2	Arunachal Pradesh	455505	545406	603498	728655	748578	695689	727665	917907	1149125	1135380	1242237	NA
3	Assam	2848113	3391548	3692959	3959543	4373933	4576441	4755644	5035434	7579337	8563291	9050750	11352926
4	Bihar	6206655	7669988	7371939	7863211	8428402	9855919	11215318	11454868	12913596	15069450	15974145	18264126
5	Chhattisgarh	2685950	3180908	3599597	4038920	4277314	5429526	5197657	6346941	7186254	7817765	8549180	9463522
6	Goa	204298	228626	311711	310866	351190	428053	440528	444929	509815	558718	581816	NA
7	Gujarat	10736422	9917095	13040117	13759785	14380999	17774185	20009060	19263538	23151059	24545272	27144843	NA
8	Haryana	6453886	7150666	7929914	8020426	8463288	9436898	10706991	12110001	13007706	13522736	14856632	16865973
9	Himachal Pradesh	1162626	1313712	1497801	1494803	1704691	1800693	1610542	1776664	2287758	2027915	2186611	2484679
10	Jammu & Kashmir #	1306347	1567929	1705640	1509047	2121396	2363970	2486688	2671531	2809540	2817089	3175760	3500069
11	Jharkhand	2233546	2550211	2844224	4016315	3146379	4033246	4592177	4759565	4758291	5254743	6078269	6845347
12	Karnataka	7554868	8180609	9666145	10895892	11240377	11906026	15003431	15249832	18285579	22674670	27679658	30958295
13	Kerala	4837594	5036409	5501261	6093554	6399310	6920980	7476017	7766775	8152343	8574903	8983728	NA
14	Madhya Pradesh	9107231	12640262	14855955	16506801	17797472	24314512	27411828	29908635	36421685	41383448	47619891	54893533
15	Maharashtra	15002673	16291680	19231757	17727491	18085315	23575992	23351793	23003954	27543316	30814164	37609676	NA
16	Manipur	251623	297165	348748	400433	397568	419897	673554	725622	756921	801394	923521	NA
17	Meghalaya	282868	322670	344514	409746	472392	525823	556097	597791	633937	719948	792416	888781
18	Mizoram	149468	161353	189886	420218	465297	515112	498538	572433	620882	609331	624568	NA
19	Nagaland	373363	455320	556609	618525	596987	694282	764499	773927	877545	890635	768735	NA
20	Odisha	3934537	5342867	5674967	6556959	6163541	7425208	7494152	8694180	11209586	11708154	12862334	14496326
21	Punjab	7816825	8373465	9101468	9488170	10139834	11287210	12470515	13521232	14136302	14788138	15237453	16275372
22	Rajasthan	11910303	13641013	14779847	15306197	16770547	20231863	20592005	22206135	26073190	29234929	33331324	37943851
23	Sikkim	90137	108278	122419	139803	155710	190436	239176	278476	304969	302273	327481	358589
24	Tamil Nadu	8773221	8426467	10846228	12924022	13235403	13692560	16209892	17484783	19708438	22637881	25215773	27323988
25	Telangana	5461488	6736383	7663070	7612263	7570653	8897924	10138979	11429241	15660540	17503426	18557287	21483936
26	Tripura	511201	567087	702979	831809	1134780	1234078	1312985	1536514	1773315	2011645	2098552	2337337
27	Uttar Pradesh	18325197	21307587	23803497	24523034	27250612	29638352	32617362	35181399	38107458	40499698	46761959	51278274
28	Uttarakhand	1330209	1536644	1579096	1611420	1628381	1694580	1916830	1988482	2337206	2598503	2721108	3024191
29	West Bengal	11710585	13683827	16581431	16545516	18391923	19437865	21673273	23389907	24547290	25935181	27404777	28933147
30	A & N islands	59713	61975	72362	76634	83314	83578	100106	107421	116292	129256	143878	NA
31	Chandigarh	12641	13205	14570	16199	18221	17474	18560	21491	26661	27183	30216	NA
32	Delhi	285663	258282	258609	247752	243293	250202	286679	305306	317774	274359	276501	282809
33	Puducherry	75378	90421	97627	114680	120038	128812	132105	146330	158075	153808	160258	NA

Source: National Statistical Office (NSO)

Notes:

1. Figures are as per the new series with base year 2011-12
2. Agriculture and Allied Sector includes Agriculture (crop and live-stock), Forestry, Logging and Fishing.

*As per latest available estimates from respective State Governments (as on 29-02-2024)

NA :- Not Available

#: For the years 2011-12 to 2018-19, information relates to Jammu and Kashmir and Ladakh and for the years 2019-20 to 2022-23, relates to UT of Jammu and Kashmir

1.4 (c): Growth Rates of Gross State Value Added of Agriculture and Allied Sector at Constant (2011-12) Prices

(% Growth over previous year)

S. No.	State/UT	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	Andhra Pradesh	4.07	10.75	3.55	8.31	14.98	18.23	3.54	8.51	2.68	11.27	4.54
2	Arunachal Pradesh	3.80	3.95	9.65	-5.89	-14.52	0.56	22.78	21.38	-4.09	4.93	NA
3	Assam	16.36	-3.17	2.68	4.21	1.94	3.26	0.67	7.99	8.47	8.15	13.33
4	Bihar	9.62	-12.53	-0.28	2.34	9.77	7.86	-1.00	0.63	8.12	4.23	6.59
5	Chattisgarh	6.12	2.71	6.63	-0.95	21.28	-10.90	13.49	5.22	4.56	4.33	5.93
6	Goa	-4.14	13.57	0.11	-6.23	16.26	2.91	5.77	4.61	1.57	2.42	NA
7	Gujarat	-13.79	26.55	0.01	-1.58	15.54	9.18	-8.68	10.08	0.61	6.05	NA
8	Haryana	-1.97	2.78	-2.23	3.85	7.94	7.05	8.80	5.32	-0.66	1.56	5.29
9	Himachal Pradesh	7.03	10.20	-3.20	8.55	-3.92	-2.39	2.94	18.63	-6.69	4.88	1.96
10	Jammu & Kashmir #	-4.38	4.01	-10.77	25.48	5.65	0.97	7.50	-2.45	-1.52	5.05	6.86
11	Jharkhand	5.88	-1.85	30.67	-28.40	23.42	2.21	-6.77	0.02	6.31	5.03	10.13
12	Karnataka	-5.10	7.23	4.30	-9.86	3.11	22.01	-3.59	18.14	2.20	8.71	5.51
13	Kerala	1.43	-6.31	0.02	-5.10	-0.65	2.11	-2.09	-2.56	1.58	4.91	NA
14	Madhya Pradesh	24.51	-0.16	6.23	-0.41	26.17	0.22	0.34	12.65	4.46	6.09	5.75
15	Maharashtra	-0.42	12.33	-10.71	-3.66	21.04	-0.72	-2.09	8.04	13.03	11.37	NA
16	Manipur	9.86	4.40	2.34	-7.32	6.07	47.41	-3.54	-3.35	-3.30	3.13	NA
17	Meghalaya	10.97	4.15	15.29	-4.70	3.96	1.40	-0.74	1.58	11.72	-0.20	4.97
18	Mizoram	-2.36	7.59	109.57	1.98	4.88	-9.10	4.95	3.31	-11.69	0.00	NA
19	Nagaland	6.18	9.79	4.03	-7.19	9.11	-3.83	-6.05	11.99	0.52	-18.93	NA
20	Odisha	15.85	-4.16	7.84	-12.73	19.92	-10.98	8.74	13.53	7.28	3.29	5.06
21	Punjab	0.90	3.30	-3.45	1.40	6.25	4.79	2.38	1.79	1.09	0.81	3.73
22	Rajasthan	2.97	8.94	2.77	-0.33	8.72	-0.07	5.49	12.30	5.84	6.85	5.22
23	Sikkim	3.58	3.62	2.57	3.88	8.90	16.26	11.41	3.52	-8.65	1.92	3.40
24	Tamil Nadu	-10.88	17.17	7.37	2.59	-1.61	12.07	6.49	7.60	4.49	5.56	3.94
25	Telangana	8.82	3.97	-9.68	-7.52	11.06	9.59	6.21	29.76	3.09	-0.41	8.83
26	Tripura	7.70	17.44	3.69	7.41	3.99	3.55	10.28	5.67	2.95	1.84	4.11
27	Uttar Pradesh	4.57	-0.47	-2.02	4.25	6.25	3.72	4.57	1.08	1.80	14.83	4.09
28	Uttarakhand	1.91	-1.18	-0.29	-1.73	4.08	0.13	2.71	1.95	3.33	1.10	5.54
29	West Bengal	3.81	-0.05	4.48	0.57	3.69	4.75	1.40	2.09	1.49	2.25	1.94
30	A & N islands	2.52	7.47	4.37	-4.06	-1.37	4.60	4.41	7.26	5.99	0.26	NA
31	Chandigarh	-3.81	1.89	-0.24	6.57	-4.79	1.94	11.55	14.41	-7.06	5.25	NA
32	Delhi	-21.73	-6.74	-12.95	-8.44	3.02	6.58	7.33	-2.30	-20.22	-4.82	-1.17
33	Puducherry	5.15	1.70	10.59	-6.71	0.77	6.66	2.48	-1.74	-5.48	6.62	NA

Source: National Statistical Office (NSO)

Note:

1. Data for Daman & Diu, Dadra & Nagar Haveli & Lakshadweep is not available.

NA :- Not Available

#: for the years 2019-20 and 2020-21 growth rate relates to UT of Jammu and Kashmir

*As per latest available estimates from respective State Governments (as on 29-02-2024)

1.4 (d): Share of Gross State Value Added (GSVA) of Agriculture and Allied Sector in Total GSVA of State at Current Prices

(Percentage Share)

Sl. No.	State/UT	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Andhra Pradesh	26.88	29.48	30.22	30.39	31.12	33.76	35.70	34.62	35.99	38.79	37.34	36.19
2	Arunachal Pradesh	41.96	43.97	42.27	41.55	41.69	36.50	33.72	38.28	40.56	39.72	37.22	NA
3	Assam	21.05	22.82	22.00	21.48	20.33	19.28	18.10	17.85	23.76	26.59	24.13	25.44
4	Bihar	25.68	27.72	24.04	23.46	23.15	24.13	24.47	22.45	23.07	27.31	24.87	24.67
5	Chhattisgarh	18.10	19.15	18.42	19.32	20.01	22.48	20.01	21.08	22.11	23.55	22.18	21.79
6	Goa	5.18	6.56	9.73	7.20	7.09	7.53	7.17	6.91	7.51	8.09	7.74	NA
7	Gujarat	19.45	15.37	18.08	16.69	15.71	17.10	17.06	14.67	16.08	17.06	15.93	NA
8	Haryana	23.55	22.35	21.57	20.06	19.26	19.20	19.64	19.41	19.98	20.96	19.52	19.38
9	Himachal Pradesh	16.75	16.65	16.76	15.36	15.89	15.33	12.72	12.78	15.35	13.92	13.14	13.47
10	Jammu & Kashmir #	17.47	18.87	18.82	16.21	19.18	20.00	19.19	17.88	18.26	18.23	17.35	16.59
11	Jharkhand	16.05	15.86	16.49	20.00	16.84	19.04	18.95	17.07	16.80	19.09	18.24	18.70
12	Karnataka	13.68	12.95	13.06	13.11	11.92	10.99	12.51	11.39	12.42	15.18	15.36	15.08
13	Kerala	14.39	13.21	12.82	12.92	12.57	12.14	11.78	11.16	11.16	12.50	10.85	NA
14	Madhya Pradesh	29.99	34.50	35.64	36.18	35.02	40.02	40.11	38.17	41.88	45.51	44.66	44.20
15	Maharashtra	13.11	12.58	13.09	11.17	10.51	12.35	11.31	10.38	11.71	13.25	13.58	NA
16	Manipur	19.77	21.65	22.02	22.41	20.89	20.54	26.90	27.61	26.61	28.17	26.76	NA
17	Meghalaya	14.95	15.56	15.77	18.60	20.65	21.31	20.29	19.91	19.54	22.95	21.62	21.69
18	Mizoram	20.12	18.95	18.74	31.49	31.41	30.87	26.51	27.18	25.73	26.15	23.10	NA
19	Nagaland	30.94	32.49	33.90	33.90	30.98	32.68	32.18	29.85	30.66	31.09	25.12	NA
20	Odisha	17.87	21.44	20.24	22.21	20.24	20.92	19.17	19.41	23.62	24.35	21.68	21.23
21	Punjab	30.80	29.82	29.52	28.86	28.71	29.23	29.20	29.14	28.84	30.38	27.77	27.14
22	Rajasthan	28.56	28.90	28.24	26.23	26.08	28.02	26.14	25.85	27.61	30.56	29.39	28.95
23	Sikkim	8.28	9.05	9.19	9.42	9.03	9.72	9.97	10.33	10.18	9.57	9.14	8.79
24	Tamil Nadu	12.66	10.74	12.22	13.15	12.30	11.57	12.18	11.73	12.31	13.68	13.17	12.55
25	Telangana	16.25	17.95	18.17	16.32	14.28	14.83	14.91	14.71	18.01	20.15	17.96	17.70
26	Tripura	27.20	26.64	28.07	28.82	32.68	32.71	31.00	32.07	34.18	39.32	34.90	33.48
27	Uttar Pradesh	26.87	27.42	26.88	25.84	25.77	24.76	24.64	24.38	24.50	26.75	25.87	24.82
28	Uttarakhand	12.28	12.42	11.32	10.71	9.95	9.42	9.57	9.32	10.46	11.67	10.56	10.53
29	West Bengal	23.49	24.17	25.78	24.37	24.52	23.72	23.72	22.78	22.26	23.75	21.09	19.41
30	A & N islands	14.79	13.77	14.36	13.81	13.82	12.30	13.24	12.93	12.99	14.99	14.99	NA
31	Chandigarh	0.67	0.61	0.59	0.61	0.64	0.55	0.54	0.58	0.66	0.74	0.71	NA
32	Delhi	0.94	0.75	0.67	0.57	0.51	0.47	0.49	0.47	0.45	0.41	0.35	0.31
33	Puducherry	5.09	5.49	5.09	5.79	5.18	5.00	4.72	4.69	4.79	4.71	4.10	NA

Source: National Statistical Office (NSO)

Note:

1. Data for Daman & Diu, Dadra & Nagar Haveli & Lakshadweep is not available.

NA :- Not Available

#: for the years 2019-20 and 2020-21 percentage share in total GSVA relates to UT of Jammu and Kashmir

*As per latest available estimates from respective State Governments (as on 29-02-2024)

1.5: Selected Economic and Social Indicators

Indicators	1970-71	1980-81	1990-91	2000-01	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(18)
Macro Economic Indicators																		
GDP[a] at current prices (₹ crore)	44382	136838	531814	2000743	7248860	8736329	9944013	11233522	12467959	13771874	15391669	17090042	18899668	20103593	19854096[@]	23597399*	26949646`	29389686[#]
GDP[a] at constant prices (₹ crore)	589787	798506	1347889	2348481	4918533	8736329	9213017	9801370	10527674	11369493	12308193	13144582	13992914	14534641	13694869[@]	15021846*	16071429`	17290281[#]
Per capita Income[b] at constant prices (₹)	10016	10712	14330	20418	36202	63462	65538	68572	72805	77659	83003	87586	92133	94420	86034[@]	94054*	99404`	106134[#]
Rate of Gross Capital Formation to GDP at current prices[c] (percentage)	15.1	19.2	26.0	24.3	36.5	39.0	38.7	33.8	33.5	32.1	32.0	33.9	33.8	30.4[@]	27.9*	32.4	32.2`	NA
Rate of Gross Domestic Savings to GDP at current prices[c] (percentage)	14.3	17.8	22.9	23.7	33.7	34.6	33.9	32.1	32.2	31.1	31.4	32.1	31.8	29.6[@]	28.8*	31.2	30.2`	NA
Index of Agricultural Production[d]	85.9	102.1	148.4	165.7	121.0	124.3	124.0	129.8	124.0	120.8	132.8	139.4	138.1	145.5	154.1	158.0	165.2	159.8
Index of Industrial Production (IIP)[e]	28.1	43.1	91.6	162.6	165.5	170.3	103.3	106.7	111.0	114.7	120.0	125.3	130.1	129.0	118.1	131.6	142.7	145.2[&]
Wholesale Price Index (WPI)[e]	14.3	36.8	73.7	155.7	143.3	156.1	106.9	112.5	113.9	109.7	111.6	114.9	119.8	121.8	123.4	139.4	152.5	NA
Consumer Price Index for Industrial workers (CPI-IW)[f]	38.0	81.0	193.0	444.0	180.0	195.0	215.0	236.0	251.0	265.0	276.0	284.4	299.9	323.0	333.0	124.0	131.1	137.9
Output																		
Foodgrains Production (million tonnes)	108.4	129.6	176.4	196.8	244.5	259.3	257.1	265.0	252.0	251.6	275.1	285.0	285.2	297.5	310.7	315.6	329.7	309.35**
Coal and Lignite Production (million tonnes)	76.3	119.0	225.5	332.6	570.4	582.3	602.9	610.0	657.4	683.0	703.1	722.7	773.0	773.0	754.0	825.7	937.2[$]	NA
Crude Oil Production (million tonnes)	6.8	10.5	33.0	32.4	37.7	38.1	37.9	37.8	37.5	36.9	36.0	35.7	34.2	32.2	30.5	29.69	22.08[l]	NA
Electricity Generated (utilities only) [billion KWH]	56.0	121.0	264.0	500.0	844.8	922.5	964.5	1026.7	1105.0	1167.6	1235.4	1303.3	1371.76	1383.44	1373.2	1484.4	NA	NA
Foreign Trade																		
Exports (₹ crore)	1535	6711	32553	203571	1136964	1465959	1634318	1905011	1896348	1716384	1849434	1956515	2307726	2219854	2159043	3147021	3621550	3619292
(US $ million)	2031	8486	18143	44560	249816	305964	300401	314405	310338	262291	275852	303526	330078	313361	291808	422004	451070	436706
Imports (₹ crore)	1634	12549	43198	230873	1683467	2345463	2669162	2715421	2737087	2490306	2577675	3001033	3594675	3360954	2915958	4572775	5749801	5592877
(US $ million)	2162	15869	24075	50536	369769	489319	490737	450198	448033	381008	384357	465581	514078	474709	394436	613052	715969	674853
Foreign exchange reservesg [excluding gold, SDRs and Reserve Tranche Position at IMF] (₹ crore)	438	4822	4388	184482	1224883	1330511	1412630	1660910	1985458	2219061	2244939	2597569	2665564	3333815	3924168	4094565	4189132	4761844
(US $ million)	584	5850	2236	39554	274330	260069	259726	276359	317324	336104	346319	399441.98	385356.86	442212.72	536693.39	540723.64	509691	570950
Social Indicators																		
Population (Million)[h]	548.2	683.3	846.4	1028.7	1186.0	1220.0	1235.0	1251.0	1267.0	1283.0	1299.0	1314.0	1327.0	1341.0	1355.0	1369.0	1383.0	1395.0
Birth Rate (per 1000)	36.9	33.9	29.5	25.4	21.8[i]	21.6[i]	21.4[i]	21.0[i]	20.8[i]	20.4[i]	20.2[i]	NA	19.5[i]	NA	NA	NA	NA	NA
Death Rate (per 1000)	14.9	12.5	9.8	8.4	7.1[i]	7.0[i]	7.0[i]	6.7[i]	6.5[i]	6.4[i]	6.3[i]	NA	6[i]	NA	NA	NA	NA	NA
Life Expectancy at Birth (in Years)	45.6	50.4	58.7	62.5	67.0	67.5	67.9	68.3	69.4[k]	69.4[k]	69.4[k]	69.4[k]	NA	NA	NA	NA	NA	NA
(a) Male	46.4	50.9	58.6	61.6	65.4	65.8	66.4	66.9	68.2[k]	68.2[k]	68.2[k]	68.2[k]	NA	NA	NA	NA	NA	NA
(b) Female	44.7	50.0	59.0	63.3	68.8	69.3	69.6	70.0	70.2[k]	70.2[k]	70.2[k]	70.2[k]	NA	NA	NA	NA	NA	NA
Education: Literacy Rate (%)[j]	34.4	43.6	52.2	64.8	73.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(a) Male	46.0	56.4	64.1	75.3	82.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(b) Female	22.0	29.8	39.3	53.7	65.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Source: Registrar General of India, Ministry of Finance, Department of Commerce, National Statistical Office and RBI.

Note: @:Third Revised Estimates,*: Second Revised Estimates; ` : First Revised Estimates; # : Second Advance Estimates (As on 29.02.2024)

** As per 2nd Advance Estimates P-Provisional NA- Not Available

&: Calculated from April-January $:Provisional

<: Agricultural crops as per 4th Advance Estimates & Horticulture crops as per 3rd Advance Estimates

a: GDP estimates prior to 2011-12 are at factor cost based on 2004-05 series. Estimates from 2011-12 onwards are based on 2011-12 series
b: Per capita Income prior to 2011-12 are based on constant (2004-05) prices and from 2011-12 onwards are based on constant (2011-12) prices
c: Figures upto 2010-11 are percentages of GDP at market prices (2004-05 series) and from 2011-12 onwards are percentage of GDP estimates based on 2011-12 series
d: Base year for data till 2000-01 is Triennium ending (T.E.) 1981-82 and for data from 2010-11 onwards is T.E. 2007-08
e: IIP and WPI from 2012-13 onwards are as per Base Year: 2011-12=100 and earlier data is based on old base years.
f: Figures from 2021-22 onwards are based on Base Year: 2016=100 and earlier data is based on old base years.
g: As on end-March.
h: Relates to mid-financial year (as on October 1) based on estimated population figures of CSO
i: Estimates from Sample Registration System (SRS) Statistical Report, Office of RGI.
j: The figures for 1951 1961 and 1971 census relate to population aged 5 years and above and those for 1981, 1991, 2001 and 2011 to population aged 7 years and above.
k: Figures are for 2014-18 as given by RGI.
l: from April to December

1.6: Disaggregated Outlay and Expenditure on Developmental Heads by Ministry of Agriculture & Farmers Welfare

(₹ Crore)

S.No.	Department	Actual 2019-20	Budget 2020-21	Revised 2020-21	Actual 2020-21	Budget 2021-22	Revised 2021-22	Actual 2021-22	Budget 2022-23	Revised 2022-23	Actual 2022-23	Budget 2023-24	Revised 2023-24	Budget 2024-25
(1)	(2)	(3)	(7)	(8)	(6)	(7)	(8)		(9)					
A. Department of Agriculture and Farmers Welfare (DA&FW)														
1	Crop Husbandry	66368.90	87361.07	76559.13	79493.58	78413.49	84017.08	85440.60	80137.34	69528.28	74176.82	71378.94	77114.55	72775.28
2	Soil and Water Conservation	26.23	30.34	27.80	26.25	28.30	29.35	26.17	30.10	33.87	33.56	36.60	38.72	35.75
3	Agricultural Financial Institutions	16128.24	19098.22	18014.58	17789.72	11679.14	14009.38	21476.93	17612.14	20112.14	17894.64	21050.00	17650.00	20700.00
4	Co-operation	193.97	365.50	320.16	379.15	343.57	367.30	371.97	-	-	-	-	-	-
5	Other Agricultural Programmes	300.82	1001.35	620.60	529.58	1089.90	524.27	642.56	2204.30	2270.01	1902.59	2498.66	2317.73	1768.86
6	Secretariat-Economic Services	132.70	147.12	133.67	123.39	147.28	154.45	141.89	163.40	168.23	152.87	235.89	180.78	248.41
7	Capital Outlay on Crop Husbandry	12.65	49.32	58.34	21.80	54.50	35.05	11.46	37.75	49.83	8.10	37.02	64.60	71.84
8	Capital Outlay on Other Agricultural Programmes	1.00	1.00	1.00	-	1.50	1.50	1.43	1.50	1.50	0.00	1.50	4.97	5.25
9	Capital Outlay on other General Economic Services	-	-	-	-	-	-	-	-	-	0.00	3.90	11.87	14.30
	Capital Outlay on Soil and Water Conservation										0.00		6.28	4.25
10	North-Eastern Areas	-	13380.98	11619.90	-	12242.70	11731.80	-	12332.60	10949.32	0.00	11552.35	11789.12	11939.46
11	Grants-in-aid to State Governments	11037.35	12817.72	9236.78	9804.03	12667.66	7178.28	6267.98	11286.04	7027.67	5709.70	8326.57	7522.28	9809.96
12	Grants-in-aid to Union Territory Governments	49.67	147.15	165.96	105.33	349.53	245.78	86.57	194.83	113.68	-1.27	410.36	88.06	155.43
13	Capital Outlay on North-Eastern Areas	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total (DA&FW)	**94251.62**	**134399.77**	**116757.92**	**108272.83**	**123017.57**	**118294.21**	**114467.56**	**124000.00**	**110254.53**	**99877.01**	**115531.79**	**116788.96**	**117528.79**
B. Department of Agricultural Research and Education (DARE)														
1	Agricultural Research and Education	7517.30	7820.10	7258.34	7547.81	7857.70	7881.35	8362.05	8013.39	8151.94	8366.54	8941.93	9281.38	9303.22
2	Secretariat-Economic Services	6.07	7.55	6.40	5.96	7.32	7.07	5.96	32.65	37.37	33.18	25.87	36.32	43.98
3	Capital Outlay on other General Economic Services	-	-	-	-	-	-	-	-	-	-	10.41	9.96	6.50
4	North-Eastern Areas	-	534.93	497.64	-	648.60	625.20	-	467.58	469.58	-	525.79	548.94	587.39
	Total (DARE)	**7523.37**	**8362.58**	**7762.38**	**7553.77**	**8513.62**	**8513.62**	**8368.01**	**8513.62**	**8658.89**	**8399.72**	**9504.00**	**9876.60**	**9941.09**

Source: Budget Documents, Ministry of Finance

Notes:

1. Actual Expenditure and Budget Allocations are net of recoveries
2. Vide Cabinet Secretariat's Notification No.S.O. 762(E) dated 05.02.2019 a new Ministry namely, Ministry of Fisheries, Animal Husbandry & Dairying has been created by carving out from the the erstwhile D/o Animal Husbandry, Dairying and Fisheries under M/o Agriculture & Farmers Welfare.

1.7(a): Gross Capital Formation (GCF) in Agriculture & Allied sector at Current Prices

Year	GCF in Agriculture & Allied sector (₹ Crore)			GCF of Economy (by industry of use) (₹ Crore)			Share of GCF in Agriculture & Allied sector in GCF of Economy (%)		
	Public	Private	Total	Public	Private	Total	Public	Private	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2011-12	35696	238175	273870	658358	2547358	3205716	5.4	9.3	8.5
2012-13	39743	233747	273490	718648	2820849	3539498	5.5	8.3	7.7
2013-14	40827	290009	330836	794931	2865311	3660242	5.1	10.1	9.0
2014-15	47319	284545	331863	884470	3178620	4063089	5.3	9.0	8.2
2015-16	56167	242388	298555	1043697	3175873	4219570	5.4	7.6	7.1
2016-17	66895	281529	348424	1101593	3375162	4476754	6.1	8.3	7.8
2017-18	66916	295790	362706	1169731	3883450	5053181	5.7	7.6	7.2
2018-19	80077	331357	411434	1378583	4508074	5886657	5.8	7.4	7.0
2019-20	74723	357744	432466	1388499	4467117	5855616	5.4	8.0	7.4
2020-21*	79655	451384	531038	1336375	4127082	5463457	6.0	10.9	9.7
2021-22 #	78812	534508	613320	1542985	5650499	7193484	5.1	9.5	8.5
2022-23 @	103428	626720	730148	1873942	6690157	8564099	5.5	9.4	8.5

Source: National Statistics Office (NSO)

*:3rd Revised Estimates, #:2nd Revised Estimates, @:1st Revised Estimates

Note : 1. GCF of economy (Public Sector) is the sum of GCF of Public Non-financial corporations, Public Financial Corporations and General Households

1.7(b): Gross Capital Formation (GCF) in Agriculture & Allied sector at Constant (2011-12) Prices

Year	GCF in Agriculture & Allied sector (₹ Crore)			GCF of Economy (by industry of use) (₹ Crore)			Share of GCF in Agriculture & Allied sector in GCF of Economy (%)		
	Public	Private	Total	Public	Private	Total	Public	Private	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2011-12	35696	238175	273870	658358	2547358	3205716	5.4	9.3	8.5
2012-13	36019	215075	251094	674878	2672444	3347322	5.3	8.0	7.5
2013-14	33925	250499	284424	716140	2608543	3324683	4.7	9.6	8.6
2014-15	37172	235491	272663	774388	2778459	3552847	4.8	8.5	7.7
2015-16	42522	195127	237648	923710	2808030	3731740	4.6	6.9	6.4
2016-17	47767	219386	267153	965680	2944527	3910207	4.9	7.5	6.8
2017-18	46032	226290	272321	976723	3312793	4289515	4.7	6.8	6.3
2018-19	53493	243138	296631	1102348	3700932	4803280	4.9	6.6	6.2
2019-20	48135	254673	302808	1100401	3600715	4701116	4.4	7.1	6.4
2020-21*	48507	305493	354001	1029373	3262928	4292301	4.7	9.4	8.2
2021-22 #	45030	338578	383608	1064708	4109758	5174466	4.2	8.2	7.4
2022-23 @	62577	389066	451643	1208262	4321624	5529887	5.2	9.0	8.2

Source: National Statistics Office (NSO)

*:3rd Revised Estimates, #:2nd Revised Estimates, @:1st Revised Estimates

1.8(a): Share of GCF in Agriculture and Allied sector in GVA of Economy at Current Prices

Year	GCF in Agriculture & Allied sector (₹ Crore)			GVA of Economy (₹ Crore)	Share of GCF in Agriculture & Allied sector in GVA of Economy (%)		
	Public	Private	Total		Public	Private	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
2011-12	35696	238175	273870	8106946	0.44	2.94	3.38
2012-13	39743	233747	273490	9202692	0.43	2.54	2.97
2013-14	40827	290009	330836	10363153	0.39	2.80	3.19
2014-15	47319	284545	331863	11504279	0.41	2.47	2.88
2015-16	56167	242388	298555	12574499	0.45	1.93	2.37
2016-17	66895	281529	348424	13965200	0.48	2.02	2.49
2017-18	66916	295790	362706	15505665	0.43	1.91	2.34
2018-19	80077	331357	411434	17175128	0.47	1.93	2.40
2019-20	74723	357744	432466	18381117	0.41	1.95	2.35
2020-21*	79655	451384	531038	18210997	0.44	2.48	2.89
2021-22 #	78812	534508	613320	21635584	0.36	2.47	2.60
2022-23 @	103428	626720	730148	24659041	0.42	2.54	2.60

Source: National Statistics Office (NSO)

*:3rd Revised Estimates, #:2nd Revised Estimates, @:1st Revised Estimates

1.8(b): Share of GCF in Agriculture and Allied sector in GVA of Economy at Constant (2011-12) Prices

Year	GCF in Agriculture & Allied sector (₹ Crore)			GVA of Economy (₹ Crore)	Share of GCF in Agriculture & Allied sector in GVA of Economy (%)		
	Public	Private	Total		Public	Private	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
2011-12	35696	238175	273870	8106946	0.44	2.94	3.38
2012-13	36019	215075	251094	8546275	0.42	2.52	2.94
2013-14	33925	250499	284424	9063649	0.37	2.76	3.14
2014-15	37172	235491	272663	9712133	0.38	2.42	2.81
2015-16	42522	195127	237648	10491870	0.41	1.86	2.27
2016-17	47767	219386	267153	11328285	0.42	1.94	2.36
2017-18	46032	226290	272321	12034171	0.38	1.88	2.26
2018-19	53493	243138	296631	12733798	0.42	1.91	2.33
2019-20	48135	254673	302808.4	13236100	0.36	1.92	2.29
2020-21*	48507	305493	354000.7	12687345	0.38	2.41	2.76
2021-22 #	45030	338578	383608.1	13876840	0.32	2.44	2.56
2022-23 @	62577	389066	451643.1	14804901	0.42	2.63	2.56

Source: National Statistics Office (NSO)

*:3rd Revised Estimates, #:2nd Revised Estimates, @:1st Revised Estimates

1.9: Share of GCF in Agriculture & Allied sector in GVA from Agriculture & Allied sector

(Figures in Percentage)

Year	At Constant (2011-12) Prices			At Current Prices		
	Public	Private	Total	Public	Private	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
2011-12	2.4	15.9	18.2	2.4	15.9	18.2
2012-13	2.4	14.1	16.5	2.4	14.0	16.3
2013-14	2.1	15.6	17.7	2.1	15.1	17.2
2014-15	2.3	14.7	17.0	2.3	13.6	15.9
2015-16	2.6	12.1	14.7	2.5	10.9	13.4
2016-17	2.8	12.7	15.5	2.7	11.2	13.8
2017-18	2.5	12.3	14.8	2.4	10.5	12.8
2018-19	2.8	12.9	15.8	2.6	10.9	13.6
2019-20	2.4	12.8	15.2	2.2	10.6	12.8
2020-21*	2.3	14.7	17.1	2.1	12.2	14.3
2021-22 #	2.1	15.6	17.7	1.9	13.0	15.0
2022-23 @	2.8	17.1	19.9	2.3	14.0	16.3

Source: National Statistics Office (NSO)

*:3rd Revised Estimates, #:2nd Revised Estimates, @:1st Revised Estimates

2

Production, Trade & Prices of Commodities

2.1: Normal Estimates (Average of 2017-18 to 2021-22) of Area, Production and Yield of Major Crops in India

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

Group of Crops	Crops	Season	Area	Production	Yield
(1)	(2)	(3)	(4)	(5)	(6)
I. Foodgrains	Rice	Kharif	39.94	103.53	2592
		Rabi	4.78	16.86	3525
		Total	**44.73**	**120.39**	**2692**
	Wheat	Rabi	30.38	105.73	3480
		Total	**30.38**	**105.73**	**3480**
	Maize	Kharif	7.57	20.64	2727
		Rabi	2.00	9.48	4751
		Total	**9.57**	**30.12**	**3149**
	Jowar	Kharif	1.74	1.86	1071
		Rabi	2.69	2.55	947
		Total	**4.42**	**4.40**	**995**
	Bajra	Kharif	7.32	9.77	1335
		Total	**7.32**	**9.77**	**1335**
	Nutri/Coarse Cereals	Kharif	18.19	34.38	1890
		Rabi	5.25	13.66	2599
		Total	**23.45**	**48.04**	**2049**
	Tur	Kharif	4.63	4.01	866
		Total	**4.63**	**4.01**	**866**
	Gram	Rabi	10.11	11.57	1145
		Total	**10.11**	**11.57**	**1145**
	Total Pulses	**Kharif**	**13.97**	**8.44**	**604**
		Rabi	**15.32**	**16.22**	**1059**
		Total	**29.29**	**24.66**	**842**
	Total Food Grains	**Kharif**	**72.11**	**146.35**	**2030**
		Rabi	**55.75**	**152.47**	**2735**
		Total	**127.85**	**298.82**	**2337**
II .Oilseeds	Groundnut	Total	5.23	9.26	1770
	Soybean	Total	11.74	12.21	1039
	Sunflower	Total	0.25	0.23	890
	Rapeseed & Mustard	Total	6.73	9.80	1456
	Total Oil Seeds	**Total**	**26.84**	**34.02**	**1267**
III . Other Cash Crops	Sugarcane	Total	4.89	400.13	81893
	Cotton @	Total	12.87	32.66	431
	Jute & Mesta$	Total	0.69	9.85	14311

Source: E,S&E Division, DA&FW

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

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

2.2: 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
1984-85	81.18	84.52	1041	45.49	61.02	1341	126.67	145.54	1149
1985-86	81.80	85.25	1042	46.22	65.19	1410	128.02	150.44	1175
1986-87	81.46	80.20	985	45.74	63.22	1382	127.20	143.42	1128
1987-88	74.89	74.56	996	44.80	65.79	1469	119.69	140.35	1173
1988-89	82.03	95.64	1166	45.64	74.28	1628	127.67	169.92	1331
1989-90	81.40	100.99	1241	45.37	70.05	1544	126.77	171.04	1349
1990-91	80.78	99.44	1231	47.06	76.95	1635	127.84	176.39	1380
1991-92	78.02	91.59	1174	43.85	76.79	1751	121.87	168.38	1382
1992-93	77.92	101.47	1302	45.23	78.01	1725	123.15	179.48	1457
1993-94	75.81	100.40	1324	46.94	83.86	1787	122.75	184.26	1501
1994-95	75.19	101.09	1344	48.67	90.41	1858	123.86	191.50	1546
1995-96	73.60	95.12	1292	47.42	85.30	1799	121.02	180.42	1491
1996-97	75.34	103.82	1379	48.24	95.52	1980	123.58	199.34	1613
1997-98	74.37	101.58	1370	49.70	90.68	1825	124.07	192.26	1550
1998-99	73.99	102.91	1391	51.18	100.69	1967	125.17	203.60	1627
1999-00	73.24	105.51	1441	49.87	104.29	2091	123.11	209.80	1704
2000-01	75.22	102.09	1357	45.83	94.73	2067	121.05	196.81	1626
2001-02	74.23	112.07	1510	48.55	100.78	2076	122.78	212.85	1734
2002-03	68.56	87.22	1272	45.30	87.55	1933	113.86	174.77	1535
2003-04	75.44	117.00	1551	48.01	96.19	2004	123.45	213.19	1727
2004-05	72.26	103.31	1430	47.82	95.05	2004	120.08	198.36	1652
2005-06	72.72	109.87	1511	48.88	98.73	2020	121.60	208.60	1715
2006-07	72.67	110.58	1522	51.04	106.71	2091	123.71	217.28	1756
2007-08	73.58	121.00	1644	50.49	109.77	2174	124.07	230.78	1860
2008-09	71.45	118.18	1654	51.39	116.28	2263	122.85	234.47	1909
2009-10	69.51	104.00	1496	51.83	114.11	2202	121.34	218.11	1798
2010-11	72.42	120.90	1669	54.25	123.60	2278	126.67	244.50	1930
2011-12	72.08	131.27	1821	52.67	128.01	2430	124.75	259.29	2078
2012-13	67.69	128.07	1892	53.09	129.06	2431	120.78	257.13	2129
2013-14	69.05	128.69	1864	55.99	136.35	2435	125.04	265.04	2120
2014-15	68.77	128.06	1862	55.53	123.96	2232	124.30	252.02	2028
2015-16	69.20	125.09	1808	54.01	126.45	2341	123.22	251.54	2041
2016-17	73.20	138.33	1890	56.03	136.78	2441	129.23	275.11	2129
2017-18	72.00	140.47	1951	55.53	144.55	2603	127.52	285.01	2235
2018-19	72.33	141.52	1957	52.45	143.69	2740	124.78	285.21	2286
2019-20	70.86	143.81	2029	56.13	153.69	2738	126.99	297.50	2343
2020-21	72.44	150.58	2079	57.35	160.17	2793	129.80	310.74	2394
2021-22	72.90	155.36	2131	57.27	160.25	2798	130.17	315.62	2425
2022-23	70.70	155.71	2203	55.31	157.84	2854	132.20	329.69	2494
2023-24	70.63	155.80	2205	55.11	160.00	2903	132.10	332.30	2515

Source: E,S&E Division, DA&FW

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

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

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	97.32	50.82	522	18.10
1951-52	96.96	51.99	536	18.41
1952-53	102.09	59.20	580	18.09
1953-54	109.07	69.82	640	18.13
1954-55	107.86	68.03	631	18.42
1955-56	110.56	66.85	605	18.53
1956-57	111.14	69.86	629	18.15
1957-58	109.48	64.31	587	19.28
1958-59	114.76	77.14	672	18.69
1959-60	115.82	76.67	662	18.77
1960-61	115.58	82.02	710	19.09
1961-62	117.23	82.71	706	19.14
1962-63	117.84	80.15	680	19.80
1963-64	117.42	80.64	687	19.83
1964-65	118.11	89.36	757	20.22
1965-66	115.10	72.35	629	20.92
1966-67	115.30	74.23	644	22.21
1967-68	121.42	95.05	783	21.58
1968-69	120.43	94.01	781	23.55
1969-70	123.57	99.50	805	23.70
1970-71	124.32	108.42	872	24.11
1971-72	122.62	105.17	858	24.49
1972-73	119.28	97.03	813	25.35
1973-74	126.54	104.67	827	24.47
1974-75	121.08	99.83	824	26.52
1975-76	128.18	121.03	944	26.52
1976-77	124.36	111.17	894	27.36
1977-78	127.52	126.41	991	27.72
1978-79	129.01	131.90	1022	28.79
1979-80	125.21	109.70	876	30.35
1980-81	126.67	129.59	1023	29.66
1981-82	129.14	133.30	1032	29.59
1982-83	125.10	129.52	1035	30.83
1983-84	131.16	152.37	1162	30.93
1984-85	126.67	145.54	1149	31.88
1985-86	128.02	150.44	1175	31.38
1986-87	127.20	143.42	1128	32.64
1987-88	119.69	140.35	1173	33.48
1988-89	127.67	169.92	1331	34.42
1989-90	126.77	171.04	1349	34.99
1990-91	127.84	176.39	1380	35.07
1991-92	121.87	168.38	1382	37.37
1992-93	123.15	179.48	1457	37.42
1993-94	122.75	184.26	1501	38.66
1994-95	123.86	191.50	1546	39.61
1995-96	121.01	180.42	1491	40.13
1996-97	123.58	199.34	1614	41.71
1997-98	124.07	192.26	1552	41.71
1998-99	125.17	203.61	1627	43.31
1999-00	123.10	209.80	1704	44.63
2000-01	121.05	196.81	1626	43.70
2001-02	122.78	212.85	1734	43.58
2002-03	113.86	174.77	1535	43.42
2003-04	123.45	213.19	1727	42.60
2004-05	120.08	198.36	1652	44.59
2005-06	121.60	208.60	1715	45.70
2006-07	123.71	217.28	1756	47.18
2007-08	124.07	230.78	1860	47.28
2008-09	122.83	234.47	1909	48.47
2009-10	121.33	218.11	1798	47.84
2010-11	126.67	244.49	1930	48.15
2011-12	124.75	259.29	2078	49.93
2012-13	120.78	257.13	2129	51.43
2013-14	125.05	265.05	2120	52.01
2014-15	124.30	252.03	2028	53.51
2015-16	123.22	251.54	2041	53.01
2016-17	129.23	275.11	2129	52.44
2017-18	127.52	285.01	2235	53.38
2018-19	124.78	285.21	2286	54.71
2019-20	126.99	297.50	2343	56.96
2020-21	129.80	310.74	2394	58.99
2021-22	130.17	315.62	2425	57.27
2022-23	132.20	329.69	2494	
2023-24	132.10	332.30	2515	

Source: E,S&E Division, DA&FW

2.3 (b): Foodgrains: Area, Production and Yield during 2021-22 and 2022-23 in major Producing States alongwith coverage under Irrigation

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

State	2021-22					2022-23					Area Under Irrigation(%) 2021-22
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Uttar Pradesh	19.55	15.02	56.19	17.80	2875	20.41	15.44	57.51	17.44	2817	78.91
Madhya Pradesh	15.93	12.23	39.31	12.45	2468	18.26	13.81	41.93	12.72	2296	69.52
Punjab	6.67	5.12	28.25	8.95	4237	6.76	5.12	30.24	9.17	4470	98.66
Rajasthan	14.75	11.33	21.66	6.86	1469	15.03	11.37	23.81	7.22	1584	29.80
Telangana	4.74	3.64	15.35	4.86	3237	5.70	4.31	19.38	5.88	3401	86.08
West Bengal	6.62	5.09	20.31	6.43	3066	6.07	4.59	18.77	5.69	3093	54.02
Bihar	6.44	4.95	17.02	5.39	2641	6.26	4.73	18.34	5.56	2931	77.12
Haryana	4.23	3.25	16.33	5.17	3864	4.52	3.42	17.39	5.28	3846	99.34
Maharashtra	11.58	8.90	16.66	5.28	1438	11.31	8.56	16.73	5.07	1479	19.90
Karnataka	7.98	6.13	13.78	4.36	1726	7.74	5.85	14.18	4.30	1832	29.69
All India	**130.17**	**100.00**	**315.62**	**100.00**	**2425**	**132.20**	**100.00**	**329.69**	**100.00**	**2494**	**57.27**

Source : E,S&E Division, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2022-23.

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

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

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	30.81	20.58	668	31.70
1951-52	29.83	21.30	714	31.71
1952-53	29.97	22.90	764	32.30
1953-54	31.29	28.21	902	33.59
1954-55	30.77	25.22	820	34.41
1955-56	31.52	27.56	874	34.88
1956-57	32.28	29.04	900	35.45
1957-58	32.30	25.53	790	36.38
1958-59	33.17	30.85	930	36.29
1959-60	33.82	31.68	937	35.84
1960-61	34.13	34.58	1013	36.77
1961-62	34.69	35.66	1028	37.47
1962-63	35.69	33.21	931	37.39
1963-64	35.81	37.00	1033	37.08
1964-65	36.46	39.31	1078	37.28
1965-66	35.47	30.59	862	36.53
1966-67	35.25	30.44	864	37.95
1967-68	36.44	37.61	1032	38.56
1968-69	36.97	39.76	1075	38.42
1969-70	37.68	40.43	1073	38.23
1970-71	37.59	42.22	1123	38.36
1971-72	37.76	43.07	1141	37.21
1972-73	36.69	39.24	1070	39.08
1973-74	38.29	44.05	1150	38.38
1974-75	37.89	39.58	1045	38.81
1975-76	39.48	48.74	1235	38.66
1976-77	38.51	41.92	1089	38.39
1977-78	40.28	52.67	1308	40.21
1978-79	40.48	53.77	1328	41.64
1979-80	39.42	42.33	1074	42.83
1980-81	40.15	53.63	1336	40.67
1981-82	40.71	53.25	1308	41.53
1982-83	38.26	47.12	1232	41.96
1983-84	41.24	60.10	1457	42.70
1984-85	41.16	58.34	1417	43.72
1985-86	41.14	63.83	1552	42.86
1986-87	41.17	60.56	1471	44.09
1987-88	38.81	56.86	1465	43.61
1988-89	41.73	70.49	1689	45.79
1989-90	42.17	73.57	1745	46.09
1990-91	42.69	74.29	1740	45.55
1991-92	42.65	74.68	1751	47.30
1992-93	41.78	72.86	1744	48.02
1993-94	42.54	80.30	1888	48.60
1994-95	42.81	81.81	1911	49.87
1995-96	42.84	76.98	1797	49.91
1996-97	43.43	81.73	1882	53.46
1997-98	43.45	82.54	1900	53.22
1998-99	44.80	86.08	1921	55.08
1999-00	45.16	89.68	1986	55.09
2000-01	44.71	84.98	1901	54.37
2001-02	44.90	93.34	2079	54.56
2002-03	41.18	71.82	1744	51.32
2003-04	42.59	88.53	2079	52.89
2004-05	41.91	83.13	1984	55.23
2005-06	43.66	91.79	2102	56.83
2006-07	43.81	93.36	2131	58.02
2007-08	43.91	96.69	2202	57.73
2008-09	45.54	99.18	2178	58.80
2009-10	41.92	89.09	2125	56.88
2010-11	42.86	95.98	2239	58.80
2011-12	44.01	105.30	2393	58.59
2012-13	42.75	105.23	2461	58.50
2013-14	44.14	106.65	2416	59.62
2014-15	44.11	105.48	2391	60.15
2015-16	43.50	104.41	2400	60.37
2016-17	43.99	109.70	2494	60.74
2017-18	43.77	112.76	2576	61.48
2018-19	44.16	116.48	2638	62.97
2019-20	43.66	118.87	2722	64.97
2020-21	45.77	124.37	2717	66.68
2021-22	46.28	129.47	2798	67.56
2022-23	47.83	135.76	2838	
2023-24	47.82	137.83	2882	

Source: E,S&E Division, DA&FW

2.4 (b): Rice: Area, Production and Yield during 2021-22 and 2022-23 in major Producing States alongwith coverage under Irrigation

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

State	2021-22					2022-23					Area Under Irrigation(%) 2021-22
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Uttar Pradesh	5.70	12.32	15.27	11.80	2678	5.90	12.33	16.14	11.89	2737	99.99
Telangana	3.65	7.90	12.41	9.58	3395	4.66	9.75	15.88	11.70	3406	99.62
West Bengal	5.59	12.07	16.73	12.92	2995	5.07	10.59	15.48	11.41	3057	51.07
Punjab	2.97	6.42	12.89	9.95	4340	3.10	6.48	12.99	9.57	4193	99.62
Chhattisgarh	3.76	8.12	8.02	6.20	2134	3.77	7.88	9.81	7.23	2602	38.29
Odisha	3.95	8.53	9.29	7.18	2353	4.06	8.50	8.25	6.08	2030	33.69
Andhra Pradesh	2.29	4.95	7.76	6.00	3392	2.13	4.45	7.94	5.85	3730	97.42
Tamil Nadu	2.22	4.79	7.91	6.11	3566	2.16	4.51	7.56	5.57	3500	93.91
Bihar	3.09	6.68	7.72	5.96	2496	2.86	5.99	7.02	5.17	2453	72.75
Madhya Pradesh	2.11	4.56	4.81	3.72	2283	3.41	7.14	7.02	5.17	2057	59.86
All India	**46.28**	**100.00**	**129.47**	**100.00**	**2798**	**47.83**	**100.00**	**135.76**	**100.00**	**2838**	**67.56**

Source : E,S&E Division, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2022-23.

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

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

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	9.75	6.46	663	33.99
1951-52	9.47	6.18	653	35.76
1952-53	9.83	7.50	763	37.15
1953-54	10.68	8.02	750	36.16
1954-55	11.26	9.04	803	35.00
1955-56	12.37	8.76	708	32.67
1956-57	13.52	9.40	695	29.37
1957-58	11.73	7.99	682	33.32
1958-59	12.62	9.96	789	31.83
1959-60	13.38	10.32	772	31.84
1960-61	12.93	11.00	851	32.74
1961-62	13.57	12.07	890	31.89
1962-63	13.59	10.78	793	33.80
1963-64	13.50	9.85	730	34.94
1964-65	13.42	12.26	913	36.76
1965-66	12.57	10.40	827	43.07
1966-67	12.84	11.39	887	47.97
1967-68	14.99	16.54	1103	43.35
1968-69	15.96	18.65	1169	49.85
1969-70	16.63	20.09	1208	51.14
1970-71	18.24	23.83	1307	54.25
1971-72	19.14	26.41	1380	54.49
1972-73	19.46	24.74	1271	57.62
1973-74	18.58	21.78	1172	57.70
1974-75	18.01	24.10	1338	61.77
1975-76	20.45	28.84	1410	61.76
1976-77	20.92	29.01	1387	65.09
1977-78	21.46	31.75	1480	64.60
1978-79	22.64	35.51	1568	65.96
1979-80	22.17	31.83	1436	68.32
1980-81	22.28	36.31	1630	69.98
1981-82	22.14	37.45	1691	70.68
1982-83	23.57	42.79	1816	72.53
1983-84	24.67	45.48	1843	73.00
1984-85	23.56	44.07	1870	74.47
1985-86	23.00	47.05	2046	74.61
1986-87	23.13	44.32	1916	76.34
1987-88	23.06	46.17	2002	76.84
1988-89	24.11	54.11	2244	79.25
1989-90	23.50	49.85	2121	80.27
1990-91	24.17	55.14	2281	81.14
1991-92	23.26	55.69	2394	83.68
1992-93	24.59	57.21	2327	84.24
1993-94	25.15	59.84	2380	84.77
1994-95	25.70	65.77	2559	85.12
1995-96	25.01	62.10	2483	85.80
1996-97	25.89	69.35	2679	86.86
1997-98	26.70	66.35	2485	86.33
1998-99	27.52	71.29	2590	86.60
1999-00	27.49	76.37	2778	87.16
2000-01	25.73	69.68	2708	88.37
2001-02	26.34	72.77	2762	88.60
2002-03	25.20	65.76	2610	88.80
2003-04	26.59	72.16	2713	89.56
2004-05	26.38	68.64	2602	89.85
2005-06	26.48	69.35	2619	90.55
2006-07	27.99	75.81	2708	90.85
2007-08	28.04	78.57	2802	91.32
2008-09	27.75	80.68	2907	91.69
2009-10	28.46	80.80	2839	91.76
2010-11	29.07	86.87	2988	91.61
2011-12	29.86	94.88	3177	92.21
2012-13	30.00	93.51	3117	92.66
2013-14	30.47	95.85	3146	92.83
2014-15	31.47	86.53	2750	94.42
2015-16	30.42	92.29	3034	94.40
2016-17	30.79	98.51	3200	94.60
2017-18	29.65	99.87	3368	94.72
2018-19	29.32	103.60	3533	95.51
2019-20	31.36	107.86	3440	95.76
2020-21	31.13	109.59	3521	95.64
2021-22	30.46	107.74	3537	95.29
2022-23	31.40	110.55	3521	-
2023-24	31.83	113.29	3559	-

Source: E,S&E Division, DA&FW

2.5 (b): Wheat: Area, Production and Yield during 2021-22 and 2022-23 in major Producing States alongwith coverage under Irrigation

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

State	2021-22					2022-23					Area Under Irrigation(%) 2021-22
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Uttar Pradesh	9.42	30.93	33.95	31.51	3604	9.52	30.31	33.61	30.40	3531	97.92
Madhya Pradesh	6.50	21.34	22.98	21.33	3535	7.15	22.77	22.73	20.56	3179	96.34
Punjab	3.53	11.57	14.86	13.79	4216	3.53	11.26	16.78	15.18	4748	98.92
Haryana	2.30	7.57	10.45	9.70	4533	2.32	7.40	10.93	9.89	4704	100.00
Rajasthan	2.58	8.47	10.10	9.37	3913	2.79	8.90	10.64	9.62	3807	99.61
Bihar	2.24	7.35	6.22	5.78	2780	2.20	7.00	6.51	5.89	2958	96.02
Gujarat	1.04	3.41	3.33	3.09	3205	1.07	3.40	3.46	3.13	3248	97.77
Maharashtra	1.13	3.72	2.14	1.99	1894	1.22	3.88	2.37	2.15	1948	73.94
Uttarakhand	0.30	0.98	0.86	0.80	2896	0.29	0.91	0.83	0.75	2916	69.12
Himachal Pradesh	0.32	1.05	0.55	0.51	1714	0.32	1.02	0.59	0.54	1853	27.64
All India	**30.46**	**100.00**	**107.74**	**100.00**	**3537**	**31.40**	**100.00**	**110.55**	**100.00**	**3521**	**95.29**

Source : E,S&E Division, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2022-23.

2.6(a): Nutri/Coarse Cereals: All-India Area, Production and Yield

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

Year	Area	Production	Yield
(1)	(2)	(3)	(4)
1950-51	37.67	15.38	408
1951-52	38.88	16.09	414
1952-53	42.45	19.61	462
1953-54	45.37	22.97	506
1954-55	43.92	22.82	520
1955-56	43.45	19.49	449
1956-57	42.02	19.87	473
1957-58	42.91	21.23	495
1958-59	44.66	23.18	519
1959-60	43.79	22.87	522
1960-61	44.96	23.74	528
1961-62	44.73	23.22	519
1962-63	44.29	24.63	556
1963-64	43.93	23.72	540
1964-65	44.35	25.37	514
1965-66	44.34	21.42	483
1966-67	45.09	24.05	533
1967-68	47.34	28.80	608
1968-69	46.24	25.18	545
1969-70	47.24	27.29	578
1970-71	45.95	30.55	665
1971-72	43.57	24.60	564
1972-73	42.21	23.14	548
1973-74	46.24	28.83	623
1974-75	43.15	26.13	606
1975-76	43.80	30.41	694
1976-77	41.94	28.88	689
1977-78	42.28	30.02	710
1978-79	42.23	30.44	721
1979-80	41.36	26.97	652
1980-81	41.78	29.02	695
1981-82	42.45	31.09	733
1982-83	40.43	27.75	685
1983-84	41.71	33.90	813
1984-85	39.21	31.17	795
1985-86	39.47	26.20	664
1986-87	39.74	26.83	675
1987-88	36.55	26.36	721
1988-89	38.68	31.47	814
1989-90	37.69	34.76	922
1990-91	36.32	32.70	900
1991-92	33.42	25.99	778
1992-93	34.42	36.59	1063
1993-94	32.82	30.82	939
1994-95	32.17	29.88	929
1995-96	30.88	29.03	940
1996-97	31.81	34.11	1072
1997-98	31.05	30.40	986
1998-99	29.34	31.34	1068
1999-00	29.34	30.33	1034
2000-01	30.26	31.08	1027
2001-02	29.52	33.38	1131
2002-03	26.99	26.07	966
2003-04	30.80	37.60	1221
2004-05	29.03	33.46	1153
2005-06	29.06	34.07	1172
2006-07	28.71	33.92	1182
2007-08	28.48	40.75	1431
2008-09	27.45	40.04	1459
2009-10	27.68	33.55	1212
2010-11	28.34	43.40	1531
2011-12	26.42	42.01	1590
2012-13	24.76	40.04	1617
2013-14	25.22	43.29	1717
2014-15	25.17	42.86	1703
2015-16	24.39	38.52	1579
2016-17	25.01	43.77	1750
2017-18	24.29	46.97	1934
2018-19	22.15	43.06	1944
2019-20	23.99	47.75	1991
2020-21	24.12	51.32	2128
2021-22	22.70	51.10	2251
2022-23	24.07	57.32	2381
2023-24	24.94	56.94	2283

Source: E,S&E Division, DA&FW

2.6 (b): Nutri/Coarse Cereals : Area, Production and Yield during 2021-22 and 2022-23 in major Producing States

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

State	2021-22					2022-23				
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Rajasthan	5.51	24.29	7.04	13.77	1276	6.50	27.00	8.98	15.66	1381
Karnataka	3.23	14.23	7.27	14.24	2252	3.44	14.29	7.94	13.86	2310
Madhya Pradesh	1.97	8.68	5.82	11.39	2953	2.08	8.63	5.91	10.32	2847
Maharashtra	3.71	16.33	5.89	11.53	1589	3.38	14.04	5.82	10.15	1721
Uttar Pradesh	2.00	8.79	4.35	8.51	2179	2.24	9.30	4.91	8.57	2194
Bihar	0.68	2.99	2.69	5.26	3965	0.76	3.17	4.40	7.67	5770
Tamil Nadu	0.95	4.21	3.59	7.03	3763	0.92	3.81	3.62	6.32	3950
Andhra Pradesh	0.49	2.18	2.26	4.42	4572	0.52	2.16	3.13	5.46	6033
Telangana	0.49	2.14	2.35	4.60	4833	0.59	2.44	2.99	5.22	5092
West Bengal	0.37	1.62	2.53	4.96	6877	0.37	1.53	2.28	3.98	6206
All India	**22.70**	**100.00**	**51.10**	**100.00**	**2251**	**24.07**	**100.00**	**57.32**	**100.00**	**2381**

Source : E,S&E Division, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2022-23.

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

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

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	15.57	5.50	353	2.98
1951-52	15.94	6.08	381	3.46
1952-53	17.54	7.36	420	3.06
1953-54	17.76	8.08	455	3.09
1954-55	17.46	9.20	527	3.29
1955-56	17.36	6.73	387	3.58
1956-57	16.24	7.33	451	3.40
1957-58	17.31	8.64	499	3.53
1958-59	17.96	9.03	503	3.46
1959-60	17.71	8.58	484	3.61
1960-61	18.41	9.81	533	3.55
1961-62	18.25	8.03	440	3.69
1962-63	18.41	9.75	529	3.71
1963-64	18.38	9.20	501	3.92
1964-65	18.06	9.68	536	3.77
1965-66	17.68	7.58	429	4.05
1966-67	18.05	9.22	511	3.95
1967-68	18.42	10.05	545	3.94
1968-69	18.73	9.80	523	4.45
1969-70	18.61	9.72	522	4.06
1970-71	17.37	8.11	466	3.64
1971-72	16.78	7.72	460	4.44
1972-73	15.51	6.97	449	3.26
1973-74	16.72	9.10	544	3.97
1974-75	16.19	10.41	643	4.61
1975-76	16.09	9.50	591	4.89
1976-77	15.77	10.52	667	5.06
1977-78	16.32	12.06	739	4.89
1978-79	16.15	11.44	708	4.80
1979-80	16.67	11.65	699	4.89
1980-81	15.81	10.43	660	4.68
1981-82	16.60	12.06	727	4.63
1982-83	16.38	10.75	657	4.27
1983-84	16.43	11.92	725	4.14
1984-85	15.94	11.40	715	4.35
1985-86	16.10	10.20	633	4.50
1986-87	15.95	9.19	576	4.94
1987-88	16.00	12.20	762	4.93
1988-89	14.60	10.17	697	5.75
1989-90	14.84	12.90	869	6.30
1990-91	14.36	11.68	814	5.62
1991-92	12.36	8.10	655	6.51
1992-93	13.04	12.81	982	6.13
1993-94	12.71	11.41	895	6.17
1994-95	11.51	8.97	779	6.62
1995-96	11.33	9.33	823	6.80
1996-97	11.43	10.94	957	6.95
1997-98	10.80	7.53	697	7.37
1998-99	9.79	8.42	859	8.08
1999-00	10.25	8.68	847	8.27
2000-01	9.86	7.53	764	8.33
2001-02	9.80	7.56	771	7.40
2002-03	9.30	7.01	754	7.85
2003-04	9.33	6.68	716	7.59
2004-05	9.09	7.24	797	8.77
2005-06	8.67	7.63	880	8.48
2006-07	8.47	7.15	844	8.32
2007-08	7.76	7.93	1021	8.91
2008-09	7.53	7.25	962	9.25
2009-10	7.79	6.70	860	8.79
2010-11	7.38	7.00	949	8.70
2011-12	6.25	5.98	957	10.20
2012-13	6.21	5.28	850	10.12
2013-14	5.79	5.54	956	10.09
2014-15	6.16	5.45	884	9.75
2015-16	6.08	4.24	697	10.34
2016-17	5.62	4.57	812	9.75
2017-18	5.02	4.80	956	10.32
2018-19	4.09	3.48	849	10.72
2019-20	4.82	4.77	989	11.10
2020-21	4.38	4.81	1099	12.15
2021-22	3.80	4.15	1092	11.54
2022-23	3.53	3.81	1079	-
2023-24	4.08	4.74	1162	-

Source: E,S&E Division, DA&FW

2.7 (b): Jowar: Area, Production and Yield during 2021-22 and 2022-23 in major Producing States alongwith coverage under Irrigation

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

State	2021-22					2022-23					Area Under Irrigation(%) 2021-22
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Maharashtra	1.65	43.38	1.56	37.54	945	1.48	41.81	1.31	34.40	888	9.52
Karnataka	0.62	16.18	0.73	17.62	1189	0.56	15.70	0.68	17.87	1228	16.08
Rajasthan	0.62	16.31	0.54	12.91	864	0.64	18.03	0.57	14.87	890	0.48
Uttar Pradesh	0.17	4.50	0.27	6.50	1578	0.20	5.60	0.32	8.27	1593	0.34
Tamil Nadu	0.40	10.45	0.36	8.72	911	0.36	10.19	0.29	7.68	813	9.82
Andhra Pradesh	0.08	2.03	0.26	6.25	3372	0.07	1.98	0.28	7.44	4054	59.74
Madhya Pradesh	0.12	3.24	0.24	5.69	1919	0.10	2.74	0.17	4.44	1747	5.56
Telangana	0.07	1.82	0.12	2.82	1697	0.07	1.92	0.12	3.13	1758	65.22
Gujarat	0.04	1.13	0.06	1.39	1346	0.03	0.89	0.05	1.21	1460	41.51
Haryana	0.02	0.62	0.01	0.30	527	0.03	0.76	0.01	0.37	526	100.00
All India	**3.80**	**100.00**	**4.15**	**100.00**	**1092**	**3.53**	**100.00**	**3.81**	**100.00**	**1079**	**11.54**

Source : E,S&E Division, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2022-23.

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

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

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	9.02	2.60	288	3.45
1951-52	9.52	2.35	246	3.82
1952-53	10.77	3.19	296	3.33
1953-54	12.20	4.55	373	3.11
1954-55	11.37	3.52	310	3.64
1955-56	11.34	3.43	302	3.60
1956-57	11.25	2.87	255	3.06
1957-58	11.17	3.62	324	2.94
1958-59	11.43	3.87	338	3.02
1959-60	10.70	3.49	327	2.76
1960-61	11.47	3.28	286	2.79
1961-62	11.28	3.65	323	2.59
1962-63	10.96	3.96	361	2.68
1963-64	11.10	3.88	349	2.29
1964-65	11.83	4.52	382	2.32
1965-66	11.97	3.75	314	2.76
1966-67	12.24	4.47	365	3.12
1967-68	12.81	5.19	405	2.97
1968-69	12.05	3.80	315	4.09
1969-70	12.49	5.33	426	4.20
1970-71	12.91	8.03	622	3.98
1971-72	11.77	5.32	452	3.65
1972-73	11.82	3.93	333	4.55
1973-74	13.93	7.52	540	4.19
1974-75	11.29	3.27	290	5.54
1975-76	11.57	5.74	496	5.08
1976-77	10.75	5.85	544	4.89
1977-78	11.10	4.73	426	4.43
1978-79	11.39	5.57	489	4.37
1979-80	10.58	3.95	373	5.97
1980-81	11.66	5.34	458	5.53
1981-82	11.78	5.54	470	5.95
1982-83	10.94	5.13	469	5.96
1983-84	11.83	7.72	653	4.84
1984-85	10.62	6.05	569	5.15
1985-86	10.65	3.66	344	5.10
1986-87	11.27	4.51	401	5.98
1987-88	8.71	3.30	378	8.37
1988-89	12.04	7.78	646	5.26
1989-90	10.90	6.65	610	6.28
1990-91	10.48	6.89	658	5.10
1991-92	10.03	4.67	465	6.50
1992-93	10.62	8.88	836	5.80
1993-94	9.55	4.97	521	6.58
1994-95	10.22	7.16	700	5.50
1995-96	9.32	5.38	577	6.23
1996-97	9.98	7.87	788	5.44
1997-98	9.89	7.64	773	5.97
1998-99	9.30	6.96	748	6.94
1999-00	8.90	5.78	650	8.11
2000-01	9.83	6.76	688	7.81
2001-02	9.53	8.28	869	6.60
2002-03	7.74	4.72	610	9.62
2003-04	10.61	12.11	1141	6.30
2004-05	9.23	7.93	859	8.16
2005-06	9.58	7.68	802	9.13
2006-07	9.51	8.42	886	9.56
2007-08	9.57	9.97	1042	10.25
2008-09	8.75	8.89	1015	9.28
2009-10	8.90	6.51	731	9.18
2010-11	9.61	10.37	1079	10.17
2011-12	8.78	10.28	1171	11.08
2012-13	7.30	8.74	1198	12.41
2013-14	7.81	9.25	1184	12.18
2014-15	7.32	9.18	1255	11.39
2015-16	7.13	8.07	1132	13.15
2016-17	7.46	9.73	1305	12.58
2017-18	7.48	9.21	1231	12.28
2018-19	7.11	8.66	1219	11.61
2019-20	7.54	10.36	1374	15.20
2020-21	7.65	10.86	1420	18.11
2021-22	6.84	9.78	1430	15.74
2022-23	7.57	11.43	1510	-
2023-24	7.38	10.72	1453	-

Source: E,S&E Division, DA&FW

2.8 (b): Bajra: Area, Production and Yield during 2021-22 and 2022-23 in major Producing States alongwith coverage under Irrigation

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

State	2021-22					2022-23					Area Under Irrigation(%) 2021-22
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Rajasthan	3.74	54.61	3.74	38.24	1001	4.57	60.36	5.11	44.66	1117	4.34
Uttar Pradesh	0.91	13.23	1.95	19.95	2156	0.95	12.51	2.05	17.89	2160	0.41
Gujarat	0.45	6.52	1.09	11.14	2442	0.50	6.63	1.29	11.32	2577	77.49
Haryana	0.48	7.06	1.12	11.45	2318	0.53	6.95	1.20	10.50	2280	98.65
Madhya Pradesh	0.34	5.01	0.87	8.88	2533	0.36	4.79	0.94	8.25	2599	3.28
Maharashtra	0.67	9.75	0.62	6.33	928	0.43	5.73	0.47	4.09	1079	5.09
Karnataka	0.15	2.16	0.17	1.75	1158	0.13	1.69	0.18	1.55	1386	13.91
Tamil Nadu	0.06	0.88	0.15	1.49	2437	0.05	0.60	0.11	0.99	2515	13.33
Andhra Pradesh	0.03	0.45	0.06	0.57	1787	0.03	0.33	0.05	0.44	2027	23.33
Telangana	0.00	0.06	0.00	0.04	1011	0.00	0.05	0.01	0.10	2952	100.00
All India	**6.84**	**100.00**	**9.78**	**100.00**	**1430**	**7.57**	**100.00**	**11.43**	**100.00**	**1510**	**15.74**

Source : E,S&E Division, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2022-23.

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

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

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	3.16	1.73	547	11.35
1951-52	3.31	2.08	628	16.42
1952-53	3.61	2.87	795	14.03
1953-54	3.87	3.04	786	11.50
1954-55	3.75	2.98	795	14.59
1955-56	3.70	2.60	703	11.76
1956-57	3.76	3.08	819	13.12
1957-58	4.08	3.15	772	13.39
1958-59	4.27	3.46	810	10.47
1959-60	4.34	4.07	938	9.94
1960-61	4.41	4.08	925	12.63
1961-62	4.51	4.31	956	9.46
1962-63	4.64	4.61	994	11.45
1963-64	4.58	4.56	995	11.40
1964-65	4.62	4.66	1010	12.09
1965-66	4.80	4.82	1005	16.12
1966-67	5.07	4.89	964	15.65
1967-68	5.58	6.27	1123	11.89
1968-69	5.72	5.70	997	19.53
1969-70	5.86	5.67	968	18.23
1970-71	5.85	7.49	1279	15.86
1971-72	5.67	5.10	900	14.32
1972-73	5.84	6.39	1094	18.77
1973-74	6.02	5.80	965	14.66
1974-75	5.86	5.56	948	20.98
1975-76	6.03	7.26	1203	16.15
1976-77	6.00	6.36	1060	17.66
1977-78	5.68	5.97	1051	16.32
1978-79	5.76	6.20	1076	16.34
1979-80	5.72	5.60	979	23.98
1980-81	6.01	6.96	1159	20.14
1981-82	5.94	6.90	1162	19.78
1982-83	5.72	6.55	1145	21.66
1983-84	5.86	7.92	1352	16.94
1984-85	5.80	8.44	1456	17.52
1985-86	5.80	6.64	1146	18.72
1986-87	5.92	7.59	1282	21.19
1987-88	5.56	5.72	1029	21.22
1988-89	5.90	8.23	1395	20.95
1989-90	5.92	9.65	1632	20.75
1990-91	5.90	8.96	1518	19.72
1991-92	5.86	8.06	1376	22.47
1992-93	5.96	9.99	1676	21.46
1993-94	6.00	9.60	1602	22.44
1994-95	6.14	8.88	1570	20.59
1995-96	5.98	9.53	1595	22.63
1996-97	6.26	10.77	1720	21.15
1997-98	6.32	10.82	1711	20.82
1998-99	6.20	11.15	1797	21.65
1999-00	6.42	11.51	1792	22.31
2000-01	6.61	12.04	1822	21.79
2001-02	6.58	13.16	2000	20.54
2002-03	6.64	11.15	1681	20.07
2003-04	7.34	14.98	2041	19.28
2004-05	7.43	14.17	1907	21.06
2005-06	7.59	14.71	1938	22.67
2006-07	7.89	15.10	1912	22.25
2007-08	8.12	18.96	2335	24.31
2008-09	8.17	19.73	2414	25.06
2009-10	8.26	16.72	2024	24.21
2010-11	8.55	21.73	2542	24.41
2011-12	8.78	21.76	2478	25.80
2012-13	8.67	22.26	2566	25.94
2013-14	9.07	24.26	2676	27.24
2014-15	9.19	24.17	2632	27.39
2015-16	8.81	22.57	2563	27.29
2016-17	9.63	25.90	2689	26.96
2017-18	9.38	28.75	3065	28.95
2018-19	9.03	27.72	3070	26.92
2019-20	9.57	28.77	3006	29.30
2020-21	9.89	31.65	3199	30.56
2021-22	9.96	33.73	3387	28.56
2022-23	10.74	38.09	3545	-
2023-24	11.24	37.67	3351	-

Source: E,S&E Division, DA&FW

2.9 (b): Maize: Area, Production and Yield during 2021-22 and 2022-23 in major Producing States alongwith coverage under Irrigation

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

State	2021-22					2022-23					Area Under Irrigation(%) 2021-22
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Karnataka	1.59	15.99	5.22	15.48	3279	1.91	17.80	5.91	15.52	3092	33.41
Madhya Pradesh	1.40	14.06	4.61	13.66	3291	1.45	13.48	4.62	12.13	3191	6.48
Bihar	0.66	6.66	2.67	7.91	4026	0.75	6.96	4.38	11.50	5854	76.47
Maharashtra	1.25	12.56	3.58	10.63	2865	1.35	12.52	3.92	10.29	2913	12.71
Tamil Nadu	0.40	4.02	2.83	8.38	7066	0.43	3.97	2.99	7.85	7007	30.50
Telangana	0.41	4.14	2.23	6.60	5403	0.52	4.79	2.86	7.51	5557	57.52
Andhra Pradesh	0.34	3.43	1.90	5.63	5553	0.39	3.59	2.76	7.23	7138	71.64
West Bengal	0.36	3.63	2.53	7.49	6989	0.36	3.37	2.28	5.98	6285	85.87
Rajasthan	0.95	9.56	2.04	6.06	2149	0.96	8.91	2.18	5.72	2277	1.78
Uttar Pradesh	0.75	7.50	1.62	4.81	2170	0.89	8.29	1.95	5.13	2191	36.57
All India	**9.96**	**100.00**	**33.73**	**100.00**	**3387**	**10.74**	**100.00**	**38.09**	**100.00**	**3545**	**28.56**

Source: E,S&E Division, DA&FW
Note: States have been arranged in descending order of percentage share of production during 2022-23.

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

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

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	19.09	8.41	441	9.43
1951-52	18.78	8.42	448	9.68
1952-53	19.84	9.19	463	9.76
1953-54	21.73	10.62	489	9.24
1954-55	21.91	10.95	500	-
1955-56	23.22	11.04	475	-
1956-57	23.32	11.55	495	7.30
1957-58	22.54	9.56	424	9.13
1958-59	24.31	13.15	541	8.44
1959-60	24.83	11.80	475	8.47
1960-61	23.56	12.70	539	8.02
1961-62	24.24	11.76	485	8.08
1962-63	24.27	11.53	475	8.91
1963-64	24.18	10.07	416	8.86
1964-65	23.88	12.42	520	9.15
1965-66	22.72	9.94	438	9.41
1966-67	22.12	8.35	377	10.86
1967-68	22.65	12.10	534	8.70
1968-69	21.26	10.42	490	9.77
1969-70	22.02	11.69	531	9.38
1970-71	22.54	11.82	524	8.75
1971-72	22.15	11.09	501	8.75
1972-73	20.92	9.91	474	8.15
1973-74	23.43	10.01	427	7.89
1974-75	22.03	10.02	455	8.11
1975-76	24.45	13.04	533	7.86
1976-77	22.98	11.36	494	7.50
1977-78	23.50	11.97	510	7.14
1978-79	23.66	12.18	515	7.90
1979-80	22.26	8.57	385	8.76
1980-81	22.46	10.63	473	8.95
1981-82	23.84	11.51	483	8.50
1982-83	22.83	11.86	519	8.19
1983-84	23.54	12.89	548	7.47
1984-85	22.74	11.96	526	7.86
1985-86	24.42	13.36	547	8.53
1986-87	23.16	11.71	506	9.63
1987-88	21.27	10.96	515	9.41
1988-89	23.15	13.85	598	9.34
1989-90	23.41	12.86	549	9.99
1990-91	24.66	14.26	578	10.48
1991-92	22.54	12.02	533	10.69
1992-93	22.36	12.82	573	10.46
1993-94	22.25	13.30	598	11.30
1994-95	23.03	14.04	610	12.72
1995-96	22.28	12.31	552	12.90
1996-97	22.45	14.15	630	12.80
1997-98	22.87	12.97	567	11.23
1998-99	23.50	14.91	634	12.11
1999-00	21.12	13.42	635	12.98
2000-01	20.35	11.08	544	12.64
2001-02	22.01	13.37	607	13.32
2002-03	20.50	11.13	543	13.97
2003-04	23.46	14.91	635	13.65
2004-05	22.76	13.13	577	14.04
2005-06	22.39	13.38	598	14.55
2006-07	23.19	14.20	612	15.45
2007-08	23.63	14.76	625	15.89
2008-09	22.09	14.57	659	16.47
2009-10	23.28	14.66	630	16.21
2010-11	26.40	18.24	691	14.91
2011-12	24.46	17.09	699	16.41
2012-13	23.26	18.34	789	18.85
2013-14	25.21	19.25	764	19.89
2014-15	23.55	17.15	728	20.05
2015-16	24.91	16.32	655	19.50
2016-17	29.45	23.13	786	19.08
2017-18	29.81	25.42	853	23.30
2018-19	29.16	22.08	757	23.56
2019-20	27.99	23.03	823	23.10
2020-21	28.78	25.46	885	27.70
2021-22	30.73	27.30	888	24.99
2022-23	28.90	26.06	902	-
2023-24	27.51	24.25	881	-

Source: E,S&E Division, DA&FW

2.10 (b): Total Pulses: Area, Production and Yield during 2021-22 and 2022-23 in major Producing States alongwith coverage under Irrigation

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

State	2021-22					2022-23					Area Under Irrigation(%) 2021-22
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Madhya Pradesh	5.35	17.39	5.69	20.86	1065	5.62	19.45	6.27	24.05	1115	51.28
Maharashtra	5.09	16.57	5.02	18.40	986	4.99	17.28	4.64	17.79	928	13.50
Rajasthan	6.46	21.01	4.05	14.85	628	5.50	19.02	3.62	13.88	658	19.62
Uttar Pradesh	2.43	7.90	2.62	9.60	1078	2.76	9.54	2.84	10.91	1031	18.54
Gujarat	1.76	5.73	2.70	9.89	1533	1.31	4.53	1.79	6.88	1368	64.84
Karnataka	3.19	10.37	1.97	7.22	619	2.83	9.78	1.76	6.74	622	9.19
Andhra Pradesh	1.23	3.99	1.05	3.86	859	1.03	3.57	1.08	4.13	1042	3.13
Jharkhand	0.86	2.78	0.90	3.29	1050	0.73	2.52	0.76	2.92	1046	14.08
Tamil Nadu	0.80	2.61	0.50	1.83	622	0.79	2.74	0.50	1.93	636	15.71
Telangana	0.59	1.93	0.58	2.11	970	0.44	1.53	0.50	1.91	1122	23.15
All India	**30.73**	**100.00**	**27.30**	**100.00**	**888**	**28.90**	**100.00**	**26.06**	**100.00**	**902**	**24.99**

Source : E,S&E Division, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2022-23.

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

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

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	7.57	3.65	482	12.48
1951-52	6.83	3.39	496	15.12
1952-53	7.26	4.21	580	14.60
1953-54	7.97	4.83	606	14.02
1954-55	9.25	5.62	608	12.76
1955-56	9.78	5.42	554	12.10
1956-57	9.67	6.23	644	10.84
1957-58	9.09	4.89	538	12.46
1958-59	10.08	7.02	696	12.02
1959-60	10.33	5.62	544	12.35
1960-61	9.28	6.25	673	11.94
1961-62	9.57	5.79	605	12.22
1962-63	9.19	5.36	583	13.72
1963-64	9.35	4.50	481	13.65
1964-65	8.87	5.78	651	15.84
1965-66	8.02	4.22	527	16.35
1966-67	8.00	3.62	453	18.78
1967-68	8.26	5.97	723	15.58
1968-69	7.11	4.31	607	18.83
1969-70	7.75	5.55	715	17.32
1970-71	7.84	5.20	663	15.63
1971-72	7.91	5.08	642	14.99
1972-73	6.97	4.54	651	15.65
1973-74	7.76	4.10	528	15.78
1974-75	7.04	4.02	570	17.55
1975-76	8.32	5.88	707	16.54
1976-77	7.97	5.42	680	15.20
1977-78	7.97	5.41	678	14.71
1978-79	7.71	5.74	745	15.63
1979-80	6.99	3.36	481	18.61
1980-81	6.58	4.33	657	20.57
1981-82	7.87	4.64	590	17.87
1982-83	7.40	5.29	715	15.63
1983-84	7.16	4.75	663	14.54
1984-85	6.91	4.56	661	14.85
1985-86	7.80	5.79	742	15.63
1986-87	6.98	4.53	649	19.43
1987-88	5.77	3.63	629	19.23
1988-89	6.81	5.13	753	18.28
1989-90	6.47	4.22	652	20.97
1990-91	7.52	5.36	712	20.50
1991-92	5.58	4.12	739	24.23
1992-93	6.45	4.42	684	21.98
1993-94	6.36	4.98	783	24.03
1994-95	7.54	6.44	853	25.39
1995-96	7.12	4.98	700	26.01
1996-97	6.85	5.57	813	25.70
1997-98	7.56	6.13	811	21.98
1998-99	8.47	6.80	803	21.24
1999-00	6.15	5.12	833	27.66
2000-01	5.19	3.86	744	30.66
2001-02	6.42	5.47	853	30.71
2002-03	5.91	4.24	717	32.24
2003-04	7.05	5.72	811	30.44
2004-05	6.71	5.47	815	31.12
2005-06	6.93	5.60	808	31.42
2006-07	7.49	6.33	845	31.22
2007-08	7.54	5.75	762	34.21
2008-09	7.89	7.06	895	33.67
2009-10	8.17	7.48	915	32.40
2010-11	9.19	8.22	894	29.55
2011-12	8.30	7.70	928	33.79
2012-13	8.52	8.83	1036	36.76
2013-14	9.93	9.53	960	35.38
2014-15	8.25	7.33	889	38.52
2015-16	8.40	7.06	840	38.68
2016-17	9.63	9.38	974	38.65
2017-18	10.56	11.38	1078	48.72
2018-19	9.55	9.94	1041	49.79
2019-20	9.70	11.08	1142	42.24
2020-21	10.00	11.91	1192	49.42
2021-22	10.74	13.54	1261	42.26
2022-23	10.47	12.27	1172	-
2023-24	9.59	11.04	1151	-

Source: E,S&E Division, DA&FW

2.11 (b):Gram: Area, Production and Yield during 2021-22 and 2022-23 in major Producing States alongwith coverage under Irrigation

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

State	2021-22					2022-23					Area Under Irrigation(%) 2021-22
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Maharashtra	2.71	25.22	3.10	22.90	1145	2.96	28.23	3.17	25.88	1074	24.28
Madhya Pradesh	1.94	18.03	2.93	21.64	1514	2.11	20.13	3.09	25.23	1468	85.71
Rajasthan	2.30	21.42	2.68	19.82	1167	1.94	18.50	1.81	14.75	934	40.07
Gujarat	1.10	10.26	2.10	15.52	1908	0.76	7.30	1.30	10.58	1699	82.54
Uttar Pradesh	0.61	5.66	0.82	6.04	1346	0.68	6.49	0.90	7.32	1321	0.34
Karnataka	0.71	6.63	0.49	3.62	689	0.82	7.85	0.56	4.56	680	11.87
Andhra Pradesh	0.45	4.14	0.46	3.36	1023	0.33	3.14	0.46	3.72	1388	0.29
Jharkhand	0.26	2.42	0.31	2.28	1186	0.25	2.38	0.29	2.38	1172	40.02
Chhattisgarh	0.33	3.09	0.24	1.78	725	0.31	2.92	0.28	2.27	912	52.39
Telangana	0.16	1.48	0.22	1.65	1409	0.15	1.41	0.23	1.89	1568	39.59
All India	**10.74**	**100.00**	**13.54**	**100.00**	**1261**	**10.47**	**100.00**	**12.27**	**100.00**	**1172**	**42.26**

Source : E,S&E Division, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2022-23.

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

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

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	2.18	1.72	789	0.49
1951-52	2.45	1.83	747	0.52
1952-53	2.40	1.70	708	0.64
1953-54	2.40	1.86	775	0.61
1954-55	2.40	1.72	717	0.53
1955-56	2.29	1.86	812	0.43
1956-57	2.29	1.99	869	0.34
1957-58	2.36	1.48	627	0.51
1958-59	2.47	1.70	688	0.53
1959-60	2.43	1.70	700	0.53
1960-61	2.43	2.07	852	0.49
1961-62	2.45	1.37	559	0.49
1962-63	2.45	1.58	645	0.41
1963-64	2.52	1.38	549	0.40
1964-65	2.58	1.89	733	0.55
1965-66	2.56	1.73	678	0.39
1966-67	2.52	1.13	448	0.69
1967-68	2.67	1.74	653	0.45
1968-69	2.53	1.82	718	0.54
1969-70	2.67	1.84	690	0.34
1970-71	2.66	1.88	709	0.27
1971-72	2.35	1.68	718	0.30
1972-73	2.42	1.93	795	0.37
1973-74	2.65	1.41	532	0.38
1974-75	2.53	1.83	725	0.47
1975-76	2.67	2.10	786	0.44
1976-77	2.57	1.73	672	0.47
1977-78	2.63	1.93	735	0.49
1978-79	2.64	1.89	716	0.78
1979-80	2.73	1.76	643	1.84
1980-81	2.84	1.96	689	2.57
1981-82	3.00	2.24	745	2.07
1982-83	2.93	1.99	680	2.37
1983-84	3.22	2.58	801	3.03
1984-85	3.16	2.58	819	3.93
1985-86	3.18	2.44	767	4.25
1986-87	3.15	2.27	722	4.24
1987-88	3.33	2.28	685	4.90
1988-89	3.49	2.72	779	4.72
1989-90	3.60	2.75	763	5.06
1990-91	3.59	2.41	673	5.50
1991-92	3.63	2.13	588	5.17
1992-93	3.58	2.33	652	4.89
1993-94	3.53	2.69	762	5.07
1994-95	3.31	2.14	644	5.51
1995-96	3.45	2.31	670	5.24
1996-97	3.51	2.66	756	5.67
1997-98	3.36	1.85	551	5.56
1998-99	3.44	2.71	787	4.31
1999-00	3.43	2.69	786	4.29
2000-01	3.63	2.25	618	4.35
2001-02	3.33	2.26	679	4.86
2002-03	3.36	2.19	651	4.80
2003-04	3.52	2.36	670	4.39
2004-05	3.52	2.35	667	4.47
2005-06	3.58	2.74	765	3.95
2006-07	3.56	2.31	650	4.56
2007-08	3.73	3.08	826	4.31
2008-09	3.38	2.27	671	4.65
2009-10	3.47	2.46	711	4.53
2010-11	4.37	2.86	654	4.05
2011-12	4.01	2.65	661	4.01
2012-13	3.89	3.02	776	4.18
2013-14	3.90	3.17	813	4.53
2014-15	3.85	2.81	729	3.91
2015-16	3.96	2.56	646	4.15
2016-17	5.34	4.87	913	5.15
2017-18	4.44	4.29	967	5.23
2018-19	4.55	3.32	729	6.11
2019-20	4.53	3.89	859	7.90
2020-21	4.72	4.32	914	7.83
2021-22	4.90	4.22	861	6.27
2022-23	4.07	3.31	814	-
2023-24	4.13	3.42	827	-

Source: E,S&E Division, DA&FW

2.12 (b): Tur (Arhar): Area, Production and Yield during 2021-22 and 2022-23 in major Producing States alongwith coverage under Irrigation

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

State	2021-22					2022-23					Area Under Irrigation(%) 2021-22
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Maharashtra	1.34	27.25	1.39	32.96	1042	1.18	28.90	0.93	27.94	787	1.59
Karnataka	1.72	35.08	1.14	27.13	666	1.22	29.99	0.86	25.83	701	8.40
Uttar Pradesh	0.29	5.92	0.35	8.40	1223	0.35	8.60	0.36	10.98	1039	0.91
Gujarat	0.25	5.12	0.29	6.90	1161	0.24	5.99	0.28	8.56	1163	35.52
Jharkhand	0.25	5.18	0.29	6.79	1129	0.18	4.52	0.21	6.36	1144	0.57
Telangana	0.31	6.41	0.24	5.72	769	0.23	5.63	0.20	6.10	882	4.11
Odisha	0.13	2.57	0.13	3.09	1036	0.13	3.29	0.14	4.29	1062	-
Madhya Pradesh	0.23	4.59	0.19	4.50	844	0.17	4.08	0.13	3.82	762	7.23
Andhra Pradesh	0.25	5.12	0.07	1.61	271	0.24	5.95	0.08	2.36	323	0.78
Tamil Nadu	0.05	0.99	0.05	1.07	936	0.04	1.07	0.05	1.37	1039	1.93
All India	**4.90**	**100.00**	**4.22**	**100.00**	**861**	**4.07**	**100.00**	**3.31**	**100.00**	**814**	**6.27**

Source : E,S&E Division, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2022-23.

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

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

Year	Area	Production	Yield
(1)	(2)	(3)	(4)
1970-71	0.75	0.37	497
1971-72	0.63	0.30	481
1972-73	0.83	0.37	447
1973-74	0.93	0.41	440
1974-75	0.95	0.46	480
1975-76	0.94	0.46	492
1976-77	0.85	0.39	461
1977-78	0.88	0.38	436
1978-79	1.01	0.45	443
1979-80	0.85	0.32	377
1980-81	0.93	0.47	498
1981-82	0.95	0.50	525
1982-83	1.00	0.49	491
1983-84	0.94	0.53	566
1984-85	0.98	0.55	557
1985-86	1.09	0.66	607
1986-87	1.09	0.66	607
1987-88	1.04	0.66	635
1988-89	1.08	0.73	679
1989-90	1.11	0.71	635
1990-91	1.19	0.85	717
1991-92	1.19	0.80	674
1992-93	1.20	0.79	657
1993-94	1.18	0.75	632
1994-95	1.16	0.78	678
1995-96	1.26	0.71	569
1996-97	1.37	0.96	702
1997-98	1.29	0.80	623
1998-99	1.39	0.94	675
1999-00	1.46	1.08	738
2000-01	1.48	0.92	619
2001-02	1.47	0.97	664
2002-03	1.38	0.87	634
2003-04	1.40	1.04	743
2004-05	1.47	0.99	675
2005-06	1.51	0.95	629
2006-07	1.47	0.91	621
2007-08	1.31	0.81	622
2008-09	1.38	0.95	693
2009-10	1.48	1.03	697
2010-11	1.60	0.94	591
2011-12	1.56	1.06	678
2012-13	1.42	1.13	797
2013-14	1.34	1.02	761
2014-15	1.47	1.04	705
2015-16	1.28	0.98	765
2016-17	1.46	1.22	838
2017-18	1.55	1.62	1047
2018-19	1.36	1.23	901
2019-20	1.30	1.10	847
2020-21	1.47	1.49	1017
2021-22	1.41	1.27	899
2022-23	1.64	1.56	952
2023-24	1.74	1.79	1028

Source: E,S&E Division, DA&FW

2.13 (b): Lentil (Masur): Area, Production and Yield during 2021-22 and 2022-23 in major Producing States

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

	2021-22					2022-23				
State	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Madhya Pradesh	0.49	34.85	0.44	34.86	899	0.66	40.02	0.64	40.81	971
Uttar Pradesh	0.49	34.99	0.47	36.75	944	0.54	33.24	0.52	33.16	950
West Bengal	0.15	10.61	0.12	9.08	769	0.16	9.59	0.15	9.67	960
Bihar	0.13	9.43	0.12	9.79	933	0.13	8.16	0.13	8.44	985
Jharkhand	0.07	4.64	0.06	4.54	880	0.06	3.63	0.05	3.11	815
Rajasthan	0.02	1.18	0.02	1.75	1326	0.02	1.28	0.03	1.84	1375
Assam	0.02	1.66	0.02	1.46	788	0.03	1.53	0.02	1.28	799
Uttarakhand	0.01	0.64	0.01	0.62	875	0.01	0.67	0.01	0.65	925
Odisha	0.01	0.82	0.01	0.48	528	0.01	0.91	0.01	0.50	526
Chhattisgarh	0.01	0.91	0.01	0.41	401	0.01	0.77	0.01	0.34	425
All India	**1.41**	**100.00**	**1.27**	**100.00**	**899**	**1.64**	**100.00**	**1.56**	**100.00**	**952**

Source : E,S&E Division, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2022-23.

2.14(a): Nine Oilseeds: All-India Area, Production and Yield

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

Year	Area	Production	Yield
(1)	(2)	(3)	(4)
1950-51	10.73	5.16	481
1951-52	11.69	5.03	430
1952-53	11.18	4.73	424
1953-54	10.99	5.37	488
1954-55	12.52	6.40	511
1955-56	12.09	5.73	474
1956-57	12.49	6.36	509
1957-58	12.66	6.35	502
1958-59	13.00	7.30	561
1959-60	13.95	6.56	470
1960-61	13.77	6.98	507
1961-62	14.77	7.28	493
1962-63	15.34	7.39	482
1963-64	14.82	7.13	481
1964-65	15.26	8.56	561
1965-66	15.25	6.40	419
1966-67	15.00	6.43	428
1967-68	15.67	8.30	530
1968-69	14.47	6.85	473
1969-70	14.81	7.73	522
1970-71	16.64	9.63	579
1971-72	17.27	9.08	526
1972-73	15.79	7.14	452
1973-74	16.90	9.39	555
1974-75	17.31	9.15	529
1975-76	16.92	10.61	627
1976-77	16.47	8.43	512
1977-78	17.17	9.66	563
1978-79	17.71	10.10	570
1979-80	16.94	8.74	516
1980-81	17.60	9.37	532
1981-82	18.91	12.08	639
1982-83	17.76	10.00	563
1983-84	18.69	12.69	679
1984-85	18.92	12.95	684
1985-86	19.02	10.83	570
1986-87	18.63	11.27	605
1987-88	20.13	12.65	629
1988-89	21.90	18.03	824
1989-90	22.80	16.92	742
1990-91	24.15	18.61	771
1991-92	25.89	18.60	719
1992-93	25.24	20.11	797
1993-94	26.90	21.50	799
1994-95	25.30	21.34	843
1995-96	25.96	22.11	851
1996-97	26.31	24.38	927
1997-98	26.09	21.32	817
1998-99	26.20	24.75	945
1999-00	24.26	20.71	854
2000-01	22.77	18.44	810
2001-02	22.64	20.66	913
2002-03	21.49	14.84	691
2003-04	23.66	25.19	1064
2004-05	27.52	24.35	885
2005-06	27.86	27.98	1004
2006-07	26.51	24.29	916
2007-08	26.69	29.76	1115
2008-09	27.56	27.72	1006
2009-10	25.96	24.88	958
2010-11	27.22	32.48	1193
2011-12	26.31	29.80	1133
2012-13	26.48	30.94	1168
2013-14	28.05	32.75	1168
2014-15	25.60	27.51	1075
2015-16	26.09	25.25	968
2016-17	26.18	31.28	1195
2017-18	24.51	31.46	1284
2018-19	24.79	31.52	1271
2019-20	27.14	33.22	1224
2020-21	28.83	35.95	1247
2021-22	28.95	37.96	1312
2022-23	30.24	41.36	1368
2023-24	30.19	39.67	1314

Source: E,S&E Division, DA&FW

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

2.14 (b): Nine Oilseeds: Area, Production and Yield during 2021-22 and 2022-23 in major Producing States alongwith coverage under Irrigation

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

State	2021-22					2022-23					Area Under Irrigation(%) 2021-22
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Rajasthan	5.76	19.89	8.69	22.89	1509	6.43	21.25	9.42	22.78	1466	67.14
Madhya Pradesh	7.49	25.88	7.92	20.87	1058	7.75	25.62	8.29	20.05	1070	15.11
Gujarat	3.33	11.49	6.89	18.16	2073	3.21	10.60	7.26	17.55	2263	45.98
Maharashtra	5.04	17.40	5.95	15.68	1182	5.25	17.37	6.94	16.78	1321	1.84
Uttar Pradesh	1.21	4.17	1.24	3.26	1025	1.61	5.34	1.87	4.52	1158	58.26
Karnataka	1.20	4.13	1.12	2.95	937	1.26	4.16	1.43	3.46	1138	35.95
Haryana	0.74	2.57	1.40	3.69	1881	0.79	2.60	1.33	3.23	1694	98.07
West Bengal	0.95	3.29	1.19	3.15	1252	1.00	3.31	1.28	3.08	1272	87.93
Tamil Nadu	0.43	1.49	1.08	2.85	2505	0.41	1.37	0.95	2.30	2288	66.76
Andhra Pradesh	0.91	3.15	0.55	1.45	603	0.72	2.38	0.67	1.63	937	25.14
All India	**28.95**	**100.00**	**37.96**	**100.00**	**1312**	**30.24**	**100.00**	**41.36**	**100.00**	**1368**	**37.51**

Source : E,S&E Division, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2022-23.

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

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

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	4.49	3.48	775	-
1951-52	4.92	3.19	649	-
1952-53	4.80	2.93	611	1.23
1953-54	4.25	3.45	811	1.54
1954-55	5.54	4.25	766	1.67
1955-56	5.13	3.86	752	1.70
1956-57	5.53	4.37	783	1.79
1957-58	6.42	4.71	734	2.85
1958-59	6.25	5.18	828	2.51
1959-60	6.44	4.56	708	2.47
1960-61	6.46	4.81	745	3.02
1961-62	6.89	4.99	725	3.35
1962-63	7.28	5.06	695	2.64
1963-64	6.89	5.30	769	3.03
1964-65	7.38	6.00	814	2.94
1965-66	7.70	4.26	554	3.37
1966-67	7.30	4.41	604	4.78
1967-68	7.55	5.73	759	5.36
1968-69	7.09	4.63	653	5.14
1969-70	7.13	5.13	720	5.75
1970-71	7.33	6.11	834	7.55
1971-72	7.51	6.18	823	7.28
1972-73	6.99	4.09	585	6.64
1973-74	7.02	5.93	845	9.13
1974-75	7.06	5.11	724	8.20
1975-76	7.22	6.76	935	6.87
1976-77	7.04	5.26	747	5.90
1977-78	7.03	6.09	866	8.11
1978-79	7.43	6.21	835	9.59
1979-80	7.17	5.77	805	12.05
1980-81	6.80	5.01	736	13.30
1981-82	7.43	7.22	972	14.24
1982-83	7.22	5.28	732	14.84
1983-84	7.54	7.09	940	16.04
1984-85	7.17	6.44	898	16.05
1985-86	7.12	5.12	719	14.79
1986-87	6.98	5.88	841	15.10
1987-88	6.84	5.85	855	19.01
1988-89	8.53	9.66	1132	18.59
1989-90	8.71	8.10	930	16.96
1990-91	8.31	7.51	904	18.63
1991-92	8.67	7.09	818	19.14
1992-93	8.17	8.56	1049	19.71
1993-94	8.32	7.83	941	19.39
1994-95	7.85	8.06	1027	19.82
1995-96	7.52	7.58	1007	18.11
1996-97	7.60	8.64	1138	17.53
1997-98	7.09	7.37	1040	19.45
1998-99	7.40	8.98	1214	19.92
1999-00	6.87	5.25	764	18.69
2000-01	6.56	6.41	977	16.89
2001-02	6.24	7.03	1127	17.07
2002-03	5.94	4.12	694	15.98
2003-04	5.99	8.13	1357	16.82
2004-05	6.64	6.77	1020	17.03
2005-06	6.74	7.99	1187	18.36
2006-07	5.62	4.86	866	20.87
2007-08	6.29	9.18	1459	22.24
2008-09	6.16	7.17	1163	21.24
2009-10	5.48	5.43	991	23.99
2010-11	5.86	8.26	1411	23.86
2011-12	5.26	6.96	1323	27.04
2012-13	4.72	4.70	995	28.51
2013-14	5.51	9.71	1764	28.85
2014-15	4.77	7.40	1552	28.94
2015-16	4.60	6.73	1465	32.52
2016-17	5.34	7.46	1398	34.67
2017-18	4.89	9.25	1893	36.33
2018-19	4.73	6.73	1422	36.65
2019-20	4.83	9.95	2063	36.09
2020-21	6.01	10.24	1703	41.06
2021-22	5.70	10.13	1777	37.75
2022-23	4.96	10.30	2075	-
2023-24	4.71	10.18	2163	-

Source: E,S&E Division, DA&FW

2.15 (b): Groundnut: Area, Production and Yield during 2021-22 and 2022-23 in major Producing States alongwith coverage under Irrigation

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

State	2021-22					2022-23					Area Under Irrigation(%) 2021-22
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Gujarat	1.99	34.84	4.49	44.30	2259	1.76	35.54	4.53	44.01	2570	29.75
Rajasthan	0.80	13.95	1.70	16.74	2132	0.80	16.22	1.93	18.76	2400	84.25
Tamil Nadu	0.37	6.53	1.05	10.33	2812	0.35	7.08	0.91	8.86	2598	37.52
Madhya Pradesh	0.39	6.84	0.67	6.63	1722	0.39	7.84	0.74	7.22	1912	26.47
Andhra Pradesh	0.83	14.46	0.52	5.09	626	0.59	11.97	0.60	5.83	1011	15.26
Karnataka	0.58	10.10	0.49	4.81	846	0.47	9.37	0.58	5.64	1248	32.02
Maharashtra	0.32	5.60	0.40	3.96	1255	0.21	4.22	0.27	2.60	1278	20.80
Telangana	0.16	2.72	0.35	3.45	2257	0.10	2.08	0.25	2.45	2448	37.52
West Bengal	0.07	1.30	0.19	1.86	2544	0.08	1.57	0.20	1.94	2561	96.83
Uttar Pradesh	0.09	1.58	0.10	1.01	1139	0.10	1.98	0.11	1.11	1168	15.25
All India	**5.70**	**100.00**	**10.13**	**100.00**	**1777**	**4.96**	**100.00**	**10.30**	**100.00**	**2075**	**37.75**

Source : E,S&E Division, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2022-23.

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

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

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	2.07	0.76	368	-
1951-52	2.40	0.94	393	-
1952-53	2.11	0.86	408	0.00
1953-54	2.24	0.87	389	0.00
1954-55	2.44	1.04	425	0.09
1955-56	2.56	0.86	336	10.39
1956-57	2.54	1.04	411	13.53
1957-58	2.41	0.93	387	12.96
1958-59	2.45	1.04	426	13.02
1959-60	2.91	1.06	365	12.31
1960-61	2.88	1.35	467	12.05
1961-62	3.17	1.35	425	13.18
1962-63	3.13	1.30	417	13.33
1963-64	3.05	0.92	300	16.08
1964-65	2.91	1.47	507	15.23
1965-66	2.91	1.30	446	15.78
1966-67	3.01	1.23	408	20.28
1967-68	3.24	1.57	483	14.83
1968-69	2.87	1.35	469	18.41
1969-70	3.17	1.56	493	23.54
1970-71	3.32	1.98	594	25.16
1971-72	3.61	1.43	396	28.59
1972-73	3.32	1.81	545	26.75
1973-74	3.46	1.70	493	30.38
1974-75	3.68	2.25	612	35.37
1975-76	3.34	1.94	580	31.25
1976-77	3.13	1.55	496	34.41
1977-78	3.58	1.65	460	39.68
1978-79	3.54	1.86	525	39.69
1979-80	3.47	1.43	411	41.94
1980-81	4.11	2.30	560	43.65
1981-82	4.40	2.38	541	44.88
1982-83	3.83	2.21	577	43.90
1983-84	3.87	2.61	673	46.58
1984-85	3.99	3.07	771	53.26
1985-86	3.98	2.68	674	51.30
1986-87	3.72	2.60	700	51.77
1987-88	4.62	3.45	748	54.71
1988-89	4.83	4.38	906	59.97
1989-90	4.97	4.13	831	61.62
1990-91	5.78	5.23	904	59.82
1991-92	6.55	5.86	895	63.87
1992-93	6.19	4.80	776	60.05
1993-94	6.29	5.33	847	59.34
1994-95	6.01	5.76	958	62.77
1995-96	6.55	6.00	916	66.36
1996-97	6.55	6.66	1017	67.56
1997-98	7.04	4.70	668	58.98
1998-99	6.51	5.66	869	61.70
1999-00	6.03	5.79	961	63.30
2000-01	4.48	4.19	936	66.10
2001-02	5.07	5.08	1002	69.05
2002-03	4.54	3.88	854	70.58
2003-04	5.43	6.29	1159	71.47
2004-05	7.32	7.59	1038	71.97
2005-06	7.28	8.13	1117	73.57
2006-07	6.79	7.44	1095	75.55
2007-08	5.83	5.83	1001	76.01
2008-09	6.30	7.20	1143	74.33
2009-10	5.59	6.61	1183	71.93
2010-11	6.90	8.18	1185	69.42
2011-12	5.89	6.60	1121	73.42
2012-13	6.36	8.03	1262	76.46
2013-14	6.65	7.88	1185	76.30
2014-15	5.80	6.28	1083	76.86
2015-16	5.75	6.80	1183	80.18
2016-17	6.07	7.92	1304	79.23
2017-18	5.98	8.43	1410	80.37
2018-19	6.12	9.26	1511	83.29
2019-20	6.86	9.12	1331	82.60
2020-21	6.70	10.21	1524	82.23
2021-22	7.99	11.96	1497	86.01
2022-23	8.85	12.64	1428	-
2023-24	9.18	13.26	1444	-

Source: E,S&E Division, DA&FW

2.16 (b): Rapeseed & Mustard: Area, Production and Yield during 2021-22 and 2022-23 in major Producing States alongwith coverage under Irrigation

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

State	2021-22					2022-23					Area Under Irrigation(%) 2021-22
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Rajasthan	3.37	42.12	5.78	48.28	1716	3.97	44.89	5.83	46.13	1468	91.93
Uttar Pradesh	0.76	9.45	1.03	8.63	1368	1.08	12.23	1.62	12.82	1497	88.73
Madhya Pradesh	1.23	15.34	1.69	14.13	1379	1.01	11.38	1.55	12.26	1540	77.59
Haryana	0.71	8.93	1.37	11.42	1914	0.77	8.64	1.30	10.29	1701	98.05
West Bengal	0.61	7.64	0.74	6.21	1218	0.66	7.42	0.82	6.46	1243	93.03
Gujarat	0.25	3.14	0.50	4.19	1995	0.31	3.47	0.60	4.77	1966	99.98
Jharkhand	0.41	5.09	0.33	2.78	819	0.38	4.34	0.32	2.53	834	76.78
Assam	0.29	3.62	0.19	1.56	644	0.30	3.34	0.23	1.84	788	22.09
Bihar	0.08	0.98	0.09	0.74	1125	0.08	0.92	0.10	0.75	1175	76.43
Punjab	0.04	0.55	0.07	0.58	1579	0.05	0.61	0.09	0.69	1604	96.01
All India	**7.99**	**100.00**	**11.96**	**100.00**	**1497**	**8.85**	**100.00**	**12.64**	**100.00**	**1428**	**86.01**

Source : E,S&E Division, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2022-23.

2.17(a): Soybean: All-India Area, Production and Yield

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

Year	Area	Production	Yield
(1)	(2)	(3)	(4)
1970-71	0.03	0.01	426
1971-72	0.03	0.01	426
1972-73	0.03	0.03	819
1973-74	0.05	0.04	829
1974-75	0.07	0.05	768
1975-76	0.09	0.09	975
1976-77	0.13	0.12	988
1977-78	0.20	0.18	940
1978-79	0.31	0.30	975
1979-80	0.50	0.28	568
1980-81	0.61	0.44	728
1981-82	0.48	0.35	741
1982-83	0.77	0.49	637
1983-84	0.84	0.61	735
1984-85	1.24	0.95	768
1985-86	1.34	1.02	764
1986-87	1.53	0.89	584
1987-88	1.54	0.90	582
1988-89	1.73	1.55	892
1989-90	2.25	1.81	801
1990-91	2.56	2.60	1015
1991-92	3.18	2.49	782
1992-93	3.79	3.39	894
1993-94	4.37	4.75	1086
1994-95	4.32	3.93	911
1995-96	5.04	5.10	1012
1996-97	5.44	5.38	989
1997-98	5.99	6.46	1079
1998-99	6.49	7.14	1100
1999-00	6.22	7.08	1138
2000-01	6.42	5.28	823
2001-02	6.34	5.96	940
2002-03	6.11	4.65	762
2003-04	6.55	7.82	1193
2004-05	7.57	6.87	908
2005-06	7.71	8.27	1073
2006-07	8.33	8.85	1063
2007-08	8.88	10.97	1235
2008-09	9.51	9.91	1041
2009-10	9.73	9.96	1024
2010-11	9.60	12.74	1327
2011-12	10.11	12.21	1208
2012-13	10.84	14.67	1353
2013-14	11.72	11.86	1012
2014-15	10.91	10.37	951
2015-16	11.60	8.57	738
2016-17	11.18	13.16	1177
2017-18	10.33	10.93	1058
2018-19	11.13	13.27	1192
2019-20	12.19	11.23	921
2020-21	12.92	12.61	976
2021-22	12.15	12.99	1069
2022-23	13.08	14.98	1145
2023-24	13.26	13.06	985

Source: E,S&E Division, DA&FW

2.17(b): Soybean: Area, Production and Yield during 2021-22 and 2022-23 in major Producing States alongwith coverage under Irrigation

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

State	2021-22					2022-23					Area Under Irrigation(%) 2021-22
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Maharashtra	4.60	37.83	5.50	42.35	1197	4.93	37.65	6.62	44.15	1343	0.37
Madhya Pradesh	5.51	45.39	5.39	41.52	978	5.97	45.66	5.79	38.63	969	0.85
Rajasthan	1.16	9.51	0.93	7.13	801	1.18	9.01	1.21	8.05	1023	0.02
Karnataka	0.38	3.14	0.44	3.37	1147	0.46	3.52	0.54	3.63	1184	8.86
Gujarat	0.22	1.85	0.37	2.82	1630	0.22	1.69	0.37	2.49	1682	-
Telangana	0.16	1.28	0.27	2.07	1731	0.20	1.54	0.33	2.17	1612	18.06
Chhattisgarh	0.05	0.41	0.03	0.24	635	0.03	0.22	0.03	0.18	973	-
Andhra Pradesh	0.00	0.02	0.00	0.04	1547	0.02	0.11	0.03	0.18	1838	57.84
Bihar	0.02	0.19	0.02	0.13	746	0.02	0.14	0.02	0.12	957	0.76
Nagaland	0.01	0.06	0.01	0.06	1182	0.01	0.10	0.02	0.11	1248	-
All India	**12.15**	**100.00**	**12.99**	**100.00**	**1069**	**13.08**	**100.00**	**14.98**	**100.00**	**1145**	**1.10**

Source : E,S&E Division, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2022-23.

2.18(a): Sunflower: All-India Area, Production and Yield

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

Year	Area	Production	Yield
(1)	(2)	(3)	(4)
1970-71	0.12	0.08	653
1971-72	0.12	0.08	653
1972-73	0.12	0.08	653
1973-74	0.24	0.17	712
1974-75	0.34	0.23	671
1975-76	0.32	0.22	686
1976-77	0.26	0.14	541
1977-78	0.27	0.14	523
1978-79	0.18	0.10	543
1979-80	0.06	0.03	519
1980-81	0.12	0.07	555
1981-82	0.28	0.16	564
1982-83	0.46	0.23	497
1983-84	0.70	0.30	431
1984-85	0.84	0.44	527
1985-86	0.75	0.28	374
1986-87	1.02	0.42	411
1987-88	1.65	0.64	385
1988-89	1.10	0.37	335
1989-90	1.19	0.63	529
1990-91	1.63	0.87	535
1991-92	2.11	1.19	565
1992-93	2.09	1.18	567
1993-94	2.67	1.35	505
1994-95	2.00	1.22	610
1995-96	2.12	1.26	593
1996-97	1.93	1.25	646
1997-98	1.74	0.89	510
1998-99	1.82	0.95	521
1999-00	1.29	0.69	536
2000-01	1.07	0.65	605
2001-02	1.18	0.68	577
2002-03	1.64	0.87	531
2003-04	2.00	0.93	464
2004-05	2.16	1.19	549
2005-06	2.34	1.44	615
2006-07	2.16	1.23	567
2007-08	1.91	1.46	765
2008-09	1.81	1.16	639
2009-10	1.48	0.85	576
2010-11	0.93	0.65	699
2011-12	0.73	0.52	712
2012-13	0.83	0.54	655
2013-14	0.67	0.50	750
2014-15	0.59	0.43	736
2015-16	0.49	0.30	609
2016-17	0.38	0.25	660
2017-18	0.28	0.22	782
2018-19	0.26	0.22	826
2019-20	0.23	0.21	931
2020-21	0.23	0.23	1011
2021-22	0.27	0.25	923
2022-23	0.36	0.36	996
2023-24	0.15	0.17	1144

Source: E,S&E Division, DA&FW

2.18 (b): Sunflower: Area, Production and Yield during 2021-22 and 2022-23 in major Producing States alongwith coverage under Irrigation

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

State	2021-22					2022-23					Area Under Irrigation(%) 2021-22
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Karnataka	0.16	59.75	0.14	54.48	841	0.25	67.50	0.23	64.68	955	35.42
Haryana	0.01	4.80	0.02	7.25	1393	0.01	3.89	0.02	6.81	1746	100.00
Odisha	0.02	5.66	0.02	7.63	1245	0.02	5.00	0.02	6.30	1256	-
Andhra Pradesh	0.02	7.38	0.01	4.84	605	0.02	5.76	0.02	4.82	834	43.29
Telangana	0.02	6.64	0.02	9.78	1360	0.01	2.20	0.01	4.11	1865	95.52
Maharashtra	0.02	7.36	0.01	4.70	590	0.03	8.20	0.01	4.10	498	22.77
Tamil Nadu	0.01	2.06	0.01	2.19	981	0.01	2.65	0.01	2.79	1050	23.31
Bihar	0.01	2.35	0.01	3.61	1422	0.01	1.74	0.01	2.48	1419	91.96
West Bengal	0.00	1.61	0.01	2.12	1218	0.00	1.28	0.01	1.60	1247	87.24
Uttar Pradesh	0.00	1.48	0.01	2.15	1342	0.00	0.55	0.00	0.75	1365	91.09
All India	**0.27**	**100.00**	**0.25**	**100.00**	**923**	**0.36**	**100.00**	**0.36**	**100.00**	**996**	**45.58**

Source : E,S&E Division, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2022-23.

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

Area - Million Hectares
Production - Million Bales (170 Kg. of each)
Yield - Kg./ Hectare

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	5.88	3.04	88	8.22
1951-52	6.56	3.28	85	9.05
1952-53	6.36	3.34	89	8.49
1953-54	6.99	4.13	100	8.40
1954-55	7.55	4.45	100	9.83
1955-56	8.09	4.18	88	9.96
1956-57	8.02	4.92	104	11.03
1957-58	8.01	4.96	105	12.70
1958-59	7.96	4.88	104	12.53
1959-60	7.30	3.68	86	12.86
1960-61	7.61	5.60	125	12.71
1961-62	7.98	4.85	103	13.00
1962-63	7.73	5.54	122	14.09
1963-64	8.22	5.75	119	15.34
1964-65	8.37	6.01	122	15.46
1965-66	7.96	4.85	104	15.90
1966-67	7.84	5.27	114	16.09
1967-68	8.00	5.78	123	16.68
1968-69	7.60	5.45	122	16.48
1969-70	7.73	5.56	122	16.41
1970-71	7.61	4.76	106	17.34
1971-72	7.80	6.95	151	20.29
1972-73	7.68	5.74	127	21.01
1973-74	7.57	6.31	142	22.07
1974-75	7.56	7.16	161	22.92
1975-76	7.35	5.95	138	23.48
1976-77	6.89	5.84	144	24.60
1977-78	7.87	7.24	157	26.19
1978-79	8.12	7.96	167	27.19
1979-80	8.13	7.65	160	27.55
1980-81	7.82	7.01	152	27.28
1981-82	8.06	7.88	166	27.67
1982-83	7.87	7.53	163	29.01
1983-84	7.72	6.39	141	29.93
1984-85	7.38	8.51	196	28.48
1985-86	7.53	8.73	197	30.24
1986-87	6.95	6.91	169	31.11
1987-88	6.46	6.38	168	32.04
1988-89	7.34	8.74	202	32.96
1989-90	7.69	11.42	252	34.21
1990-91	7.44	9.84	225	32.94
1991-92	7.66	9.71	216	33.33
1992-93	7.54	11.40	257	34.61
1993-94	7.32	10.74	249	34.69
1994-95	7.87	11.89	257	34.18
1995-96	9.04	12.86	242	34.97
1996-97	9.12	14.23	265	35.99
1997-98	8.87	10.85	208	37.10
1998-99	9.34	12.29	224	34.06
1999-00	8.71	11.53	225	33.03
2000-01	8.53	9.52	190	32.22
2001-02	9.13	10.00	186	33.82
2002-03	7.67	8.62	191	33.17
2003-04	7.60	13.73	307	32.30
2004-05	8.79	16.43	318	34.81
2005-06	8.68	18.50	362	37.25
2006-07	9.14	22.63	421	37.74
2007-08	9.41	25.88	467	37.62
2008-09	9.41	22.28	403	35.78
2009-10	10.13	24.02	403	35.97
2010-11	11.24	33.00	499	32.84
2011-12	12.18	35.20	491	35.03
2012-13	11.98	34.22	486	33.87
2013-14	11.96	35.90	510	32.56
2014-15	12.82	34.80	462	35.12
2015-16	12.29	30.01	415	34.08
2016-17	10.83	32.58	512	35.60
2017-18	12.59	32.81	443	35.29
2018-19	12.61	28.04	378	37.51
2019-20	13.48	36.07	455	35.80
2020-21	13.29	35.25	451	37.98
2021-22	12.37	31.12	428	37.29
2022-23	12.93	33.66	443	-
2023-24	12.69	32.52	436	-

Source: E,S&E Division, DA&FW

2.19 (b): Cotton: Area, Production and Yield during 2021-22 and 2022-23 in major Producing States alongwith coverage under Irrigation

Area - Million Hectares
Production - Million Bales (170 kg. each)
Yield - Kg./ Hectare

State	2021-22					2022-23					Area Under Irrigation(%) 2021-22
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Gujarat	2.28	18.46	7.51	24.13	559	2.48	19.21	8.80	26.13	602	75.69
Maharashtra	4.41	35.65	8.25	26.51	318	4.18	32.35	8.32	24.70	338	27.10
Telangana	1.89	15.27	4.88	15.68	439	1.97	15.26	5.74	17.07	495	19.52
Rajasthan	0.76	6.11	2.48	7.97	558	0.81	6.30	2.77	8.24	579	97.55
Karnataka	0.67	5.45	1.95	6.28	493	0.95	7.34	2.57	7.63	460	28.87
Andhra Pradesh	0.55	4.48	1.71	5.49	524	0.70	5.45	1.54	4.58	372	11.79
Madhya Pradesh	0.56	4.53	1.42	4.56	431	0.60	4.60	1.43	4.26	410	55.87
Haryana	0.64	5.14	1.32	4.23	352	0.57	4.45	1.00	2.97	296	100.00
Odisha	0.19	1.56	0.63	2.01	551	0.22	1.67	0.70	2.09	554	-
Punjab	0.25	2.03	0.65	2.08	437	0.25	1.93	0.44	1.32	303	99.89
All India	**12.37**	**100.00**	**31.12**	**100.00**	**428**	**12.93**	**100.00**	**33.66**	**100.00**	**443**	**37.29**

Source : E,S&E Division, DA&FW
Note: States have been arranged in descending order of percentage share of production during 2022-23.

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

Area - Million Hectares
Production - Million Bales (180 kg. each)
Yield - Kg./Hectare

Year	Area	Production	Yield
(1)	(2)	(3)	(4)
1950-51	0.57	3.31	1043
1951-52	0.79	4.72	1074
1952-53	0.93	5.32	1028
1953-54	0.68	3.77	992
1954-55	0.68	3.86	1021
1955-56	0.94	5.39	1038
1956-57	1.07	5.81	977
1957-58	1.02	5.33	944
1958-59	1.10	6.91	1130
1959-60	0.98	5.69	1049
1960-61	0.90	5.26	1049
1961-62	1.34	8.24	1104
1962-63	1.24	7.19	1041
1963-64	1.27	7.98	1130
1964-65	1.21	7.66	1136
1965-66	1.11	5.78	936
1966-67	1.12	6.58	1058
1967-68	1.20	7.59	1137
1968-69	0.81	3.84	855
1969-70	1.09	6.79	1120
1970-71	1.08	6.19	1032
1971-72	1.11	6.84	1107
1972-73	0.99	6.09	1104
1973-74	1.16	7.68	1188
1974-75	0.98	5.83	1068
1975-76	0.91	5.91	1164
1976-77	1.09	7.10	1173
1977-78	1.16	7.15	1108
1978-79	1.27	8.33	1186
1979-80	1.22	7.96	1177
1980-81	1.30	8.16	1130
1981-82	1.15	8.37	1311
1982-83	1.02	7.17	1265
1983-84	1.05	7.72	1320
1984-85	1.13	7.79	1242
1985-86	1.50	12.65	1524
1986-87	1.07	8.62	1454
1987-88	0.96	6.78	1274
1988-89	0.92	7.86	1540
1989-90	0.91	8.29	1646
1990-91	1.02	9.23	1634
1991-92	1.11	10.29	1662
1992-93	0.93	8.59	1658
1993-94	0.89	8.43	1713
1994-95	0.93	9.08	1760
1995-96	0.93	8.81	1712
1996-97	1.10	11.13	1819
1997-98	1.11	11.02	1792
1998-99	1.03	9.81	1722
1999-00	1.04	10.55	1834
2000-01	1.02	10.56	1868
2001-02	1.05	11.68	2007
2002-03	1.04	11.28	1960
2003-04	1.00	11.17	2008
2004-05	0.92	10.27	2019
2005-06	0.90	10.84	2173
2006-07	0.94	11.27	2170
2007-08	0.96	11.21	2101
2008-09	0.90	10.37	2071
2009-10	0.91	11.82	2349
2010-11	0.87	10.62	2197
2011-12	0.90	11.40	2280
2012-13	0.86	10.93	2281
2013-14	0.84	11.68	2512
2014-15	0.81	11.13	2473
2015-16	0.78	10.52	2421
2016-17	0.76	10.96	2585
2017-18	0.74	10.03	2435
2018-19	0.70	9.82	2508
2019-20	0.67	9.88	2641
2020-21	0.66	9.35	2542
2021-22	0.67	10.15	2738
2022-23	0.66	9.39	2570
2023-24	0.64	9.69	2737

Source: E,S&E Division, DA&FW

2.20 (b): Jute & Mesta: Area, Production and Yield during 2021-22 and 2022-23 in major Producing States

Area - Million Hectares
Production - Million Bales (180 kg. each)
Yield - Kg./ Hectare

State	2021-22					2022-23				
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
West Bengal	0.52	77.71	8.35	82.31	2900	0.52	78.49	7.75	82.49	2701
Bihar	0.06	9.54	0.85	8.40	2409	0.06	9.16	0.77	8.23	2309
Assam	0.06	9.66	0.76	7.50	2127	0.06	9.27	0.71	7.55	2094
Meghalaya	0.01	1.67	0.10	0.94	1533	0.01	1.18	0.06	0.59	1279
Odisha	0.01	1.07	0.07	0.66	1695	0.01	0.94	0.05	0.54	1488
All India	**0.67**	**100.00**	**10.15**	**100.00**	**2738**	**0.66**	**100.00**	**9.39**	**100.00**	**2570**

Source : E,S&E Division, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2022-23.

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

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

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	1.71	57.05	33422	67.33
1951-52	1.94	61.63	31786	68.77
1952-53	1.73	51.00	29495	66.29
1953-54	1.41	44.41	31497	67.66
1954-55	1.62	58.74	36303	68.79
1955-56	1.85	60.54	32779	67.19
1956-57	2.05	69.05	33683	64.93
1957-58	2.07	71.16	34325	65.19
1958-59	1.95	73.36	37658	67.40
1959-60	2.14	77.82	36414	67.88
1960-61	2.42	110.00	45549	69.26
1961-62	2.46	103.97	42349	68.04
1962-63	2.24	91.91	40996	67.75
1963-64	2.25	104.23	46353	69.64
1964-65	2.60	121.91	46838	71.52
1965-66	2.84	123.99	43717	71.14
1966-67	2.30	92.83	40336	70.98
1967-68	2.05	95.50	40665	74.08
1968-69	2.53	124.68	49236	76.95
1969-70	2.75	135.02	49121	75.48
1970-71	2.62	126.37	48322	72.38
1971-72	2.39	113.57	47511	71.80
1972-73	2.45	124.87	50933	75.01
1973-74	2.75	140.81	51163	76.46
1974-75	2.89	144.29	49855	77.87
1975-76	2.76	140.60	50903	77.98
1976-77	2.87	153.01	53383	77.19
1977-78	3.15	176.97	56160	78.13
1978-79	3.09	151.66	49114	77.77
1979-80	2.61	128.83	49358	77.20
1980-81	2.67	154.25	57844	81.26
1981-82	3.19	186.36	58359	82.34
1982-83	3.36	189.51	56441	80.54
1983-84	3.11	174.08	55978	80.33
1984-85	2.95	170.32	57673	83.59
1985-86	2.85	170.65	59889	84.51
1986-87	3.08	186.09	60444	85.38
1987-88	3.28	196.74	60006	85.62
1988-89	3.33	203.04	60992	86.18
1989-90	3.44	225.57	65612	86.93
1990-91	3.69	241.05	65395	86.97
1991-92	3.84	254.00	66069	88.01
1992-93	3.57	228.03	63843	88.27
1993-94	3.42	229.66	67120	88.76
1994-95	3.87	275.54	71254	85.39
1995-96	4.15	281.10	67787	87.43
1996-97	4.17	277.56	66496	90.95
1997-98	3.93	279.54	71133	91.57
1998-99	4.05	288.72	71203	91.91
1999-00	4.22	299.32	70934	92.50
2000-01	4.32	295.96	68578	92.17
2001-02	4.41	297.21	67370	92.28
2002-03	4.52	287.38	63576	92.66
2003-04	3.93	233.86	59380	92.27
2004-05	3.66	237.09	64752	92.39
2005-06	4.20	281.17	66919	93.27
2006-07	5.15	355.52	69022	93.80
2007-08	5.06	348.19	68877	93.83
2008-09	4.42	285.03	64553	93.52
2009-10	4.17	292.30	70020	93.80
2010-11	4.88	342.38	70091	92.83
2011-12	5.04	361.04	71668	93.75
2012-13	5.00	341.20	68254	94.11
2013-14	4.99	352.14	70522	94.28
2014-15	5.07	362.33	71511	95.53
2015-16	4.93	348.45	70720	95.53
2016-17	4.44	306.07	69001	95.39
2017-18	4.74	379.90	80198	96.14
2018-19	5.06	405.42	80105	96.62
2019-20	4.60	370.50	80497	96.46
2020-21	4.85	405.40	83566	96.71
2021-22	5.18	439.42	84906	98.73
2022-23	5.89	490.53	83349	-
2023-24	5.74	453.16	78953	-

Source: E,S&E Division, DA&FW

2.21 (b): Sugarcane: Area, Production and Yield during 2021-22 and 2022-23 in major Producing States alongwith coverage under Irrigation

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

State	2021-22					2022-23					Area Under Irrigation(%) 2021-22
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Uttar Pradesh	2.18	42.06	179.17	40.77	82300	2.79	47.48	224.25	45.71	80244	99.95
Maharashtra	1.26	24.38	116.08	26.42	92000	1.36	23.10	123.97	25.27	91200	100.00
Karnataka	0.64	12.31	61.15	13.92	96000	0.66	11.20	59.35	12.10	90000	99.82
Tamil Nadu	0.15	2.86	16.17	3.68	109240	0.16	2.70	17.66	3.60	111080	99.99
Gujarat	0.22	4.31	17.46	3.97	78306	0.18	3.08	13.46	2.74	74344	99.96
Bihar	0.21	4.08	12.03	2.74	56949	0.21	3.57	12.74	2.60	60627	89.27
Haryana	0.11	2.08	8.82	2.01	81918	0.11	1.83	8.86	1.81	82232	100.00
Punjab	0.09	1.68	7.13	1.62	82153	0.09	1.53	7.51	1.53	83123	97.85
Madhya Pradesh	0.09	1.80	5.38	1.22	57840	0.09	1.56	6.44	1.31	70040	99.52
Uttarakhand	0.04	0.85	3.52	0.80	80000	0.05	0.80	3.76	0.77	80000	99.26
All India	**5.18**	**100.00**	**439.42**	**100.00**	**84906**	**5.89**	**100.00**	**490.53**	**100.00**	**83349**	**98.73**

Source : E,S&E Division, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2022-23.

2.22 (a): Tobacco: All-India Area, Production and Yield alongwith percentage 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	0.36	0.26	731	-
1951-52	0.29	0.21	723	-
1952-53	0.36	0.25	675	9.71
1953-54	0.37	0.27	737	9.73
1954-55	0.35	0.26	737	10.84
1955-56	0.41	0.30	739	16.87
1956-57	0.42	0.31	728	20.38
1957-58	0.36	0.24	669	22.50
1958-59	0.38	0.32	836	21.00
1959-60	0.41	0.29	716	22.44
1960-61	0.40	0.31	766	21.95
1961-62	0.42	0.34	811	17.94
1962-63	0.41	0.34	842	18.23
1963-64	0.44	0.36	817	15.42
1964-65	0.41	0.36	876	16.95
1965-66	0.38	0.29	778	16.94
1966-67	0.42	0.35	834	17.06
1967-68	0.42	0.37	871	17.39
1968-69	0.44	0.36	821	20.44
1969-70	0.44	0.34	770	19.55
1970-71	0.45	0.36	810	23.67
1971-72	0.46	0.42	914	24.50
1972-73	0.45	0.37	837	26.28
1973-74	0.46	0.46	1001	24.22
1974-75	0.38	0.36	954	20.98
1975-76	0.37	0.35	950	29.79
1976-77	0.43	0.42	969	30.24
1977-78	0.50	0.49	979	23.33
1978-79	0.41	0.45	1109	30.55
1979-80	0.43	0.44	1031	32.56
1980-81	0.45	0.48	1065	33.70
1981-82	0.44	0.52	1172	33.86
1982-83	0.50	0.58	1157	29.64
1983-84	0.44	0.49	1120	34.05
1984-85	0.44	0.49	1113	37.74
1985-86	0.40	0.44	1111	39.90
1986-87	0.39	0.46	1187	40.66
1987-88	0.32	0.37	1155	45.92
1988-89	0.38	0.49	1307	42.38
1989-90	0.41	0.55	1335	43.18
1990-91	0.41	0.56	1353	43.36
1991-92	0.43	0.58	1369	38.95
1992-93	0.42	0.60	1425	40.44
1993-94	0.38	0.56	1463	43.46
1994-95	0.38	0.57	1486	45.34
1995-96	0.39	0.54	1356	46.55
1996-97	0.43	0.62	1444	46.80
1997-98	0.46	0.64	1394	42.24
1998-99	0.51	0.74	1451	44.33
1999-00	0.43	0.52	1211	47.08
2000-01	0.26	0.34	1318	53.16
2001-02	0.35	0.55	1565	45.78
2002-03	0.33	0.49	1506	46.66
2003-04	0.37	0.55	1486	50.17
2004-05	0.37	0.55	1498	49.02
2005-06	0.37	0.50	1351	48.18
2006-07	0.37	0.47	1274	47.08
2007-08	0.35	0.44	1255	50.26
2008-09	0.39	0.57	1456	47.08
2009-10	0.44	0.69	1559	45.29
2010-11	0.49	0.80	1632	42.38
2011-12	0.47	0.75	1613	48.36
2012-13	0.43	0.66	1542	46.71
2013-14	0.46	0.74	1612	43.43
2014-15	0.47	0.86	1830	52.82
2015-16	0.45	0.80	1781	63.23
2016-17	0.40	0.81	2016	63.79
2017-18	0.41	0.95	2317	64.65
2018-19	0.41	0.66	1610	66.97
2019-20	0.40	0.80	1982	-
2020-21	0.36	0.76	2115	-
2021-22	0.39	0.82	2118	-
2022-23	0.38	0.77	2029	-
2023-24	0.41	0.87	2109	-

Source: E,S&E Division, DA&FW

2.22(b): Tobacco: Area, Production and Yield during 2021-22 and 2022-23 in major Producing States

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

State	2021-22					2022-23					
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield	Area Under Irrigation(%) 2019-20*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Gujarat	191.64	49.64	452.08	55.30	2359	192.85	50.84	447.22	58.09	2319	98.84
Andhra Pradesh	57.00	14.76	132.30	16.18	2321	58.00	15.29	118.09	15.34	2036	34.40
Uttar Pradesh	28.00	7.25	123.03	15.05	4394	23.00	6.06	93.43	12.14	4062	99.46
Karnataka	80.00	20.72	63.44	7.76	793	76.00	20.03	56.54	7.34	744	20.84
West Bengal	12.56	3.25	17.46	2.14	1390	12.32	3.25	22.73	2.95	1846	95.10
Bihar	10.28	2.66	18.09	2.21	1759	10.32	2.72	18.14	2.36	1757	99.05
Telangana	3.00	0.78	6.65	0.81	2216	3.00	0.79	8.55	1.11	2851	-
Tamil Nadu	1.54	0.40	2.35	0.29	1525	2.10	0.55	3.20	0.42	1525	-
Maharashtra	0.53	0.14	0.80	0.10	1505	0.50	0.13	0.82	0.11	1636	-
Meghalaya	0.81	0.21	0.81	0.10	999	0.81	0.21	0.75	0.10	932	-
All India	**386.08**	**100.00**	**817.55**	**100.00**	**2118**	**379.34**	**100.00**	**769.86**	**100.00**	**2029**	**66.47**

Source: E,S&E Division, DA&FW
Note: States have been arranged in descending order of percentage share of production during 2022-23.

2.23: All-India Area, Production and Yield of Guarseed and Sunhemp

Area - '000 Hectares
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
1999-00	2933.9	375.1	128
2000-01	3497.4	658.8	188
2001-02	2903.1	1089.9	375
2002-03	975.1	199.2	204
2003-04	2854.0	1513.4	530
2004-05	2867.4	903.3	315
2005-06	2955.5	1059.0	358
2006-07	3343.7	1169.3	350
2007-08	3472.6	1788.5	515
2008-09	3862.5	1935.8	501
2009--10	2995.2	594.7	199
2010-11	3382.2	1965.3	581
2011-12	3444.2	2217.6	644
2012-13	5151.3	2457.6	477
2013-14	5958.7	3585.3	602
2014-15	5344.8	3275.9	613
2015-16	5603.4	2824.4	504
2016-17	4103.3	1849.5	451
2017-18	3936.5	1624.3	413
2018-19	3469.1	1312.1	378
2019-20	3140.2	1519.3	484
2020-21	2707.7	1302.0	481
2021-22	2630.0	1180.0	450
2022-23	3210.0	1790.0	556
2023-24	3089.0	1665.0	539
Sunnhemp			
1997-98	54.6	64.5	213
1998-99	47.5	58.9	223
1999-00	49.8	62.1	224
2000-01	56.3	66.5	213
2001-02	50.6	64.7	230
2002-03	45.4	50.9	202
2003-04	37.0	53.3	260
2004-05	35.5	56.7	298
2005-06	33.4	57.4	310
2006-07	32.9	60.9	334
2007-08	32.1	58.0	326
2008-09	27.0	54.7	364
2009--10	24.6	73.7	540
2010-11	28.2	101.8	650
2011-12	21.2	77.6	660
2012-13	17.5	59.1	608
2013-14	12.9	52.1	730
2014-15	11.6	46.8	730
2015-16	11.0	41.6	681
2016-17	10.8	45.4	758
2017-18	10.4	47.0	817
2018-19	10.3	41.5	728
2019-20	9.3	37.2	722
2020-21	11.0	43.6	715
2021-22	10.0	50.0	722
2022-23	10.0	50.0	703
2023-24	9.0	40.0	801

Source: E,S&E Division, DA&FW

* Production of Guarseed in '000 Tonnes and for Sunhemp in '000 Bales of 180 Kgs each

2.24: Production of Oilseeds & Oils and Net Availability of Edible Oils

(Quantity in Lakh Tonnes)

Oilseeds / Oils	2009-10		2010-11		2011-12		2012-13		2013-14		2014-15	
	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	54.29	12.49	82.65	19.01	69.64	16.02	46.95	10.80	97.14	22.34	74.02	17.02
Rapeseed & Mustard	66.08	20.48	81.79	25.35	66.04	20.47	80.29	24.89	78.77	24.42	62.82	19.47
Soybean	99.65	15.94	127.36	20.38	122.14	19.54	146.66	23.47	118.60	18.97	103.74	16.60
Sunflower	8.51	2.81	6.51	2.15	5.16	1.70	5.44	1.80	5.04	1.66	4.34	1.43
Sesamum	5.88	1.82	8.93	2.77	8.10	2.51	6.85	2.12	7.15	2.21	8.68	2.57
Nigerseed	1.00	0.30	1.08	0.32	0.98	0.29	1.02	0.31	0.98	0.29	0.76	0.23
Safflower	1.79	0.54	1.50	0.45	1.45	0.44	1.09	0.33	1.13	0.31	0.90	0.27
Castor	10.09	4.04	13.50	5.40	22.95	9.18	19.64	7.86	17.27	6.91	18.70	7.48
Linseed	1.54	0.46	1.47	0.44	1.52	0.46	1.49	0.45	1.41	0.41	1.55	0.47
Sub Total	**248.83**	**58.88**	**324.79**	**76.27**	**297.98**	**70.61**	**309.43**	**72.03**	**327.49**	**77.52**	**275.51**	**65.54**
B. Secondary Source												
Coconut		4.50		4.00	-	4.00	-	3.90	-	5.30	-	4.80
Palm Oil		-		-		-		-		-		1.71
Cottonseed		8.00		10.89	-	11.62	-	11.57	-	12.40	-	12.15
Ricebran		7.20		7.20	-	7.50	-	7.8	-	8.10	-	9.20
Solvent Extracted Oils		4.20		4.20	-	4.10	-	4.10	-	3.10	-	3.00
Tree & Forest Origin		1.20		1.20	-	1.20	-	1.20	-	1.20	-	1.60
Sub Total		**25.10**		**27.49**	-	**28.42**	-	**28.57**	-	**30.10**	-	**32.46**
Total(A+B)		**83.98**		**103.760**	-	**99.03**	-	**100.60**	-	**107.62**	-	**98.00**
C. Less: Exports & Industrial Use		**4.52**		**5.94**	-	**9.46**	-	**8.41**	-	**7.10**	-	**5.94**
D. Net Domestic Availability of Edible Oils		**79.46**		**97.82**	-	**89.57**	-	**92.19**	-	**101.90**	-	**92.06**
E.Import of Edible Oils $		**88.23**		**72.42**	-	**99.43**	-	**106.05**	-	**109.76**	-	**138.53**
F. Total Availability/ Consumption of Edible Oils		**167.69**		**170.24**	-	**189.00**	-	**198.24**	-	**211.66**	-	**230.59**

contd…

2.24: Production of Oilseeds & Oils and Net Availability of Edible Oils

(Quantity in Lakh Tonnes)

Oilseeds / Oils	2015-16		2016-17		2017-18		2018-19		2019-20		2020-21		2021-22*		2022-23*		2023-24	
	Oilseeds	Oils	Oilseeds	Oils	Oilseeds	Oils	Oilseeds	Oils	Oilseeds	Oils	Oilseeds	Oils	Oilseeds	Oils	Oilseeds	Oils	Oilseeds	Oils
(1)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)
A. Primary Source																		
Groundnut	67.33	15.27	79.17	24.74	84.30	25.81	92.56	28.97	91.24	28.28	102.44	23.23	101.35	22.99	102.97	23.35	102.89	23.34
Rapeseed & Mustard	67.97	21.08	131.59	22.1	109.33	17.59	132.68	22.09	112.26	17.97	102.10	31.67	119.63	37.11	126.43	39.22	131.61	40.83
Soybean	85.70	13.73	74.62	17.16	92.53	20.82	67.27	15.18	99.52	22.90	126.10	20.20	129.87	20.81	149.85	24.01	130.54	20.91
Sunflower	2.96	0.98	2.51	0.8	2.22	0.70	2.16	0.73	2.13	0.72	2.28	0.76	2.50	0.83	3.63	1.21	1.69	0.56
Sesamum	8.50	2.65	7.47	2.45	7.55	2.34	6.89	2.36	6.58	2.34	8.17	2.55	7.89	2.46	8.02	2.50	8.11	2.53
Nigerseed	0.74	0.21	0.85	0.24	0.70	0.21	0.45	0.19	0.41	0.12	0.42	0.12	0.33	0.09	0.29	0.08	0.27	0.08
Safflower	0.53	0.15	0.94	0.22	0.55	0.14	0.25	0.07	0.44	0.09	0.36	0.10	0.61	0.18	0.90	0.26	0.51	0.15
Castor	17.52	6.16	13.76	4.99	15.68	5.51	11.97	4.27	18.42	6.50	16.47	5.79	16.19	5.69	19.80	6.96	19.13	6.72
Linseed	1.25	0.32	1.84	0.39	1.74	0.44	0.99	0.40	1.21	0.28	1.11	0.28	1.26	0.32	1.67	0.42	1.19	0.30
Sub Total	**252.50**	**60.55**	**312.76**	**73.09**	**314.59**	**73.56**	**315.22**	**74.26**	**332.19**	**79.20**	**359.45**	**84.70**	**379.63**	**90.48**	**413.55**	**98.01**	**395.93**	**95.42**
B. Secondary Source																		
Coconut	-	4.32		5.2		6.01	-	5.90	-	5.95	-	5.95	-	5.56	-	5.34	-	5.49
Palm Oil		1.98		2.3		2.20		2.7		2.77	-	2.77	-	3.58	-	3.90	-	3.90
Cottonseed	-	10.05		12.24		12.64	-	11.23	-	12.71	-	12.21	-	10.78	-	11.66	-	11.20
Ricebran	-	9.90		10.31		10.69	-	10.68	-	10.68	-	10.68	-	10.90	-	10.12	-	10.12
Solvent Extracted Oils	-	3.50		2.85		3.50	-	3.25	-	3.50	-	3.50	-	3.50	-	3.50	-	3.50
Tree & Forest Origin	-	1.50		1.5		1.50	-	1.50	-	1.50	-	1.50	-	1.50	-	1.50	-	1.50
Sub Total	-	**31.25**		**34.4**		**36.54**	-	**35.26**	-	**37.11**	-	**36.61**	-	**35.82**	-	**36.02**	-	**35.71**
Total(A+B)		**91.80**		**107.49**		**110.10**	-	**109.52**	-	**116.31**	-	**121.31**	-	**126.30**	-	**134.03**	-	**131.13**
C. Less: Exports & Industrial Use	-	**5.50**		**6.5**		**6.30**	-	**6.00**	-	**9.76**	-	**9.80**	-	**9.80**	-	**9.80**	-	**9.80**
D. Net Domestic Availability of Edible Oils	-	**86.3**		**100.99**		**103.8**	-	**103.52**	-	**106.55**	-	**111.51**	-	**116.50**	-	**124.23**	-	**121.33**
E.Import of Edible Oils $	-	**148.50**		**153.17**		**145.92**	-	**155.7**	-	**134.16**	-	**134.52**	-	**141.94**	-	**165**	-	**57.30 (till**
F. Total Availability/ Consumption of Edible Oils	-	**234.80**		**254.16**		**249.72**	-	**259.22**	-	**240.71**	-	**246.03**	-	**258.44**	-	**289.23**	-	

Source - Directorate of Vanaspati, Vegetable Oils and Fats

* Based on 3rd Advance Estimates (declared by Ministry of Agriculture on 04.06.2024)

$ As per data from Directorate General of Commercial Intelligence & Statistics, Department of Commerce

2.25: State-wise Production of Crude Palm Oil (CPO)

(Quantity in MTs)

State	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Andhra Pradesh	43593	57402	63487	97987	127570	161566	170478	193562	190999	234696	232938	208359	237900	295075	325542
Karnataka	1170	1118	1459	1740	1770	1736	2176	2538	2051	2224	2280	2184	2734	3304	3735
Tamil Nadu	366	365	486	759	1035	820	1019	1222	1115	938	1017	553	429	1001	1240
Gujarat	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Odisha	476	589	871	2162	443	558	557	618	NA	NA	NA	NA	NA	1216	1094
Goa	393	279	329	394	372	371	388	581	437	379	411	309	305	351	318
Kerala	7400	6600	6900	7500	7378	6303	6515	7015	5929	5191	4609	4825	4281	4522	5662
Mizoram	NA	NA	NA	NA	NA	NA	365	496	603	648	625	535	NA	691	840
Telangana	4770	5100	5655	8494	6825	9373	10012	12499	8947	27275	37205	38050	26690	41887	53044
Total	**58167**	**71453**	**79187**	**119036**	**145393**	**180727**	**191510**	**218531**	**210081**	**271351**	**279085**	**254815**	**272339**	**348046**	**391475**

Source : State Department of Agriculture/Horticulture and Directorate of Oilseeds Development (DoD), Hyderabad

NA: Not Applicable NA- Not Available

2.26: State-wise Production of Oil Palm Fresh Fruit Bunches

(Production in Metric Tonnes)

State	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Andhra Pradesh	259495	347892	385009	573024	790881	933981	1007553	1147780	1137398	1427828	1379215	1277760	1471521	1722457	#########
Karnataka	6685	6387	8337	9942	10112	9917	12638	14740	11912	12917	13238	12685	15877	19184	21692
Tamil Nadu	1987	2080	2920	4743	5244	5495	6568	7810	7422	6995	7014	3798	3038	7282	7671
Gujarat	2	6	26	91	134	158	409	523	775	996	1053	745	7425	1433	1038
Odisha	2799	3464	5128	12720	2920	3639	3769	4569	4965	6702	6899	7106	NA	7470	9982
Goa	2236	1591	1878	2229	2056	2046	2146	3217	2430	2108	2281	1716	1717	2054	1881
Assam							0	0	0	0	0	0	2200	10421	6061
Kerala	38400	35100	41000	43200	41350	38350	40798	40611	34198	30220	30269	27201	27627	27673	34500
Mizoram	2	32	88	480	1339	1544	2096	3780	4796	5238	5298	4600	10563	5254	7036
Nagaland													280	390	7533
Telangana	28190	29937	32176	46779	38624	52752	57873	75447	88119	147516	197632	208826	149488	249108	277659
Chhattisgarh	0	0	0	0	0	0	0	0	18	5	6	279	6	256	167
Total	**339796**	**426488**	**476561**	**693207**	**892660**	**1047881**	**1133850**	**1298477**	**1292033**	**1640525**	**1642905**	**1544716**	**1689743**	**2053649**	#########

Source : State Department of Agriculture/Horticulture and Directorate of Oilseeds Development (DoD), Hyderabad

P Provisional

2.27 : All-India Estimates of Yield of Major Crops

Yield (Kg/ hectare)

Crops	Season	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
Rice	Kharif	1990	2024	2095	2082	2019	2120	2311	2373	2319	2295	2305	2417	2469	2553	2622	2607	2705	2735	2780
	Rabi	3127	3130	3149	3010	3053	3171	3235	3353	3232	3291	3382	3230	3531	3444	3569	3541	3525	3467	3582
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3302	3302
	Total	2102	2131	2202	2178	2125	2239	2393	2461	2416	2391	2400	2494	2576	2638	2722	2717	2798	2838	2882
Wheat	Rabi	2619	2708	2802	2907	2839	2989	3177	3117	3145	2750	3034	3200	3368	3533	3440	3521	3537	3521	3559
	Total	2619	2708	2802	2907	2839	2989	3177	3117	3145	2750	3034	3200	3368	3533	3440	3521	3537	3521	3559
Maize	Kharif	1799	1660	2122	2048	1740	2285	2234	2246	2346	2249	2236	2413	2706	2648	2572	2779	2914	2940	2671
	Rabi	3076	3793	3854	4387	3694	4003	3765	4152	4050	4414	4006	3897	4436	4893	4631	4723	5084	5355	5529
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5361	4603
	Total	1938	1912	2335	2414	2024	2540	2478	2566	2676	2632	2563	2689	3065	3070	3006	3199	3387	3545	3351
Barley	Rabi	1938	2055	1985	2394	2172	2357	2516	2521	2718	2280	2439	2663	2695	2837	2920	2796	3025	3044	3082
	Total	1938	2055	1985	2394	2172	2357	2516	2521	2718	2280	2439	2663	2695	2837	2920	2796	3025	3044	3082
Jowar	Kharif	1082	992	1176	1055	853	1119	1257	1171	1050	1014	850	954	1104	989	967	1210	1090	1071	1170
	Rabi	726	727	894	904	865	827	741	644	896	808	615	730	853	744	1002	1033	1093	1086	1165
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	811	789
	Total	880	844	1021	962	860	949	957	850	957	884	697	812	956	849	989	1099	1092	1079	1162
Bajra	Kharif	783	871	1015	986	700	1049	1132	1198	1184	1255	1132	1305	1231	1219	1374	1420	1430	1443	1387
	Rabi	1906	1762	2239	2362	2176	1786	2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2705	2579
	Total	802	886	1042	1015	731	1079	1171	1198	1184	1255	1132	1305	1231	1219	1374	1420	1430	1510	1453
Ragi	Kharif	1521	1215	1548	1474	1486	1708	1641	1392	1661	1706	1601	1363	1662	1390	1747	1724	1396	1454	1375
	Rabi	1904	1412	1643	1552	1607	1650	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total	1534	1226	1552	1477	1489	1705	1641	1392	1661	1706	1601	1363	1662	1390	1747	1724	1396	1454	1375
Small Millets	Kharif	443	475	530	491	460	553	565	578	630	654	602	714	804	734	809	781	857	898	935
	Total	443	475	530	491	460	553	565	578	630	654	602	714	804	734	809	781	857	898	935
Shree Anna /Nutri Cereals	Kharif	901	899	1066	1016	790	1093	1168	1171	1175	1224	1094	1212	1233	1173	1318	1394	1351	1370	1336
	Rabi	775	770	964	965	922	914	864	644	896	808	615	730	853	744	1002	1033	1093	1086	1165
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2634	2381
	Total	870	868	1042	1003	824	1049	1096	1041	1111	1118	968	1096	1154	1093	1248	1322	1302	1364	1337
Nutri/Coarse Cereals	Kharif	1171	1138	1402	1361	1108	1495	1554	1583	1619	1633	1544	1708	1818	1790	1836	1970	2037	2065	1944
	Rabi	1177	1329	1536	1751	1544	1649	1710	1725	2034	1915	1685	1885	2323	2532	2491	2667	3018	3218	3097
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4133	3750
	Total	1172	1182	1431	1459	1212	1531	1590	1617	1717	1703	1579	1750	1934	1944	1991	2128	2251	2381	2283
Cereals	Kharif	1692	1706	1845	1840	1692	1893	2056	2116	2089	2081	2065	2188	2259	2320	2370	2406	2503	2527	2521
	Rabi	2424	2521	2641	2718	2646	2789	2960	2931	2995	2681	2862	3010	3239	3403	3325	3412	3472	3478	3500
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3493	3429
	Total	1968	2020	2151	2183	2075	2256	2415	2448	2462	2331	2393	2525	2657	2752	2772	2824	2899	2939	2945
Tur	Kharif	765	650	826	671	711	655	662	776	813	729	646	913	967	729	859	914	861	814	827
	Total	765	650	826	671	711	655	662	776	813	729	646	913	967	729	859	914	861	814	827
Gram	Rabi	808	845	762	895	915	895	928	1036	960	889	840	974	1078	1041	1142	1192	1261	1172	1151
	Total	808	845	762	895	915	895	928	1036	960	889	840	974	1078	1041	1142	1192	1261	1172	1151
Urad	Kharif	386	412	475	419	367	561	527	610	490	516	459	626	632	500	359	469	515	571	598
	Rabi	540	640	405	506	587	489	621	679	768	892	773	656	798	796	904	778	903	988	828
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	875	856
	Total	419	470	457	440	421	545	552	625	555	604	537	632	662	546	459	538	599	657	656
Moong	Kharif	275	328	413	348	172	546	483	398	410	428	363	488	440	466	519	522	385	493	364
	Rabi	427	436	408	431	422	434	512	539	620	640	554	546	600	727	645	833	987	730	733
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	968	985
	Total	307	352	412	366	224	522	490	436	475	498	416	500	477	516	548	601	570	663	598
Lentil	Rabi	628	621	622	693	697	591	678	797	759	705	765	838	1047	901	847	1017	899	952	1028
	Total	628	621	622	693	697	591	678	797	759	705	765	838	1047	901	847	1017	899	952	1028
Other Pulses	Kharif	240	309	403	366	200	501	408	373	410	475	385	408	441	365	491	478	382	571	487
	Rabi	678	654	664	726	740	702	753	827	818	836	754	867	957	897	954	986	951	1032	1057
	Total	440	469	513	523	419	582	559	619	620	677	573	630	697	623	707	731	666	823	776
Total Pulses	Kharif	456	449	557	478	397	578	541	594	580	573	489	667	668	546	585	642	583	630	600
	Rabi	727	751	688	804	823	790	831	934	891	843	794	898	1015	976	1045	1097	1148	1118	1106
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	957	969
	Total	598	612	625	659	630	691	699	789	764	728	655	785	853	757	823	885	888	902	881
Total Food Grains	**Kharif**	**1510**	**1521**	**1643**	**1652**	**1494**	**1668**	**1820**	**1892**	**1864**	**1862**	**1808**	**1890**	**1951**	**1957**	**2029**	**2079**	**2131**	**2203**	**2205**
	Rabi	**2019**	**2089**	**2174**	**2263**	**2201**	**2274**	**2427**	**2431**	**2435**	**2232**	**2341**	**2441**	**2603**	**2740**	**2738**	**2793**	**2798**	**2854**	**2903**
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**2603**	**2601**
	Total	**1715**	**1756**	**1860**	**1909**	**1798**	**1930**	**2078**	**2129**	**2120**	**2028**	**2041**	**2129**	**2235**	**2286**	**2343**	**2394**	**2425**	**2494**	**2515**

Source: E,S&E Division, DA&FW

NA-Not Available

2.28 : Kharif Foodgrains: State-wise yield

Yield (Kg/hectare)

State/UT	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Andaman And Nicobar Islands	2879	2870	3018	2802	2947	2843	2878	2713	2033	2077	2217	2569	3135	1975	3154	2136	2136	1998
Andhra Pradesh	2167	2073	2630	2466	1978	2143	2449	2569	2299	2352	2387	2558	2785	2758	2812	2472	2461	2960
Arunachal Pradesh	1201	1204	1234	1249	1569	1674	1780	1803	1818	1915	1476	1706	1588	1620	1639	1653	1656	1660
Assam	1409	1210	1283	1514	1647	1783	1673	1875	1885	1936	1924	1759	2023	2026	2108	2115	1825	2352
Bihar	1096	1469	1197	1574	1145	1118	2152	2263	1758	1966	2111	2444	2428	1936	2159	2149	2413	2431
Chandigarh	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3500	733	3533	5273	5273	5240	3843
Chhattisgarh	1212	1236	1335	1100	1048	1539	1481	1633	1662	1562	1431	1994	1278	1724	1789	1828	2082	2528
Dadra And Nagar Haveli	1545	1545	1545	1529	1018	1637	1544	1664	1607	1601	2170	2168	2008	1910	1894	2056	2049	2039
Daman And Diu	2056	2056	1739	2054	1652	1609	1650	1669	1754	2621	1184	1132	1244	1281	1781	1841	1832	NA
Delhi	2054	2492	2372	2403	2210	2365	2279	2308	3435	2995	2341	2224	2213	2210	2207	2676	2464	2483
Goa	2793	2440	2313	2454	1897	2337	2501	2583	2814	2902	2818	2781	2607	2707	2481	2627	2816	2789
Gujarat	1196	993	1311	1231	1124	1308	1304	1631	1547	1715	1668	1680	1772	1858	1757	1850	1905	1925
Haryana	2214	2466	2629	2281	2428	2323	2609	2801	2837	2714	2697	2783	2725	2807	2948	2948	3105	3013
Himachal Pradesh	1652	2044	2448	2008	1650	2037	2160	2002	2017	1842	2274	2418	2256	2254	2333	2497	2766	2423
Jammu And Kashmir	1656	1691	1710	1935	1611	1713	1706	2161	1877	1436	1894	1816	1763	2125	2021	1869	1859	1998
Jharkhand	1077	1595	1772	1785	1344	1250	1881	1941	1969	1957	1592	1943	2069	1678	1919	1777	1833	1583
Karnataka	1935	1470	1671	1683	1526	1943	1882	1732	1814	1933	1735	1534	1817	1662	1765	1885	1802	1917
Kerala	2214	2329	2227	2348	2456	2329	2588	2475	2498	2712	2681	2447	2663	2818	2939	2979	2272	2710
Ladakh	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	898	900	798
Lakshadweep	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Madhya Pradesh	963	792	903	931	902	957	1115	1279	1264	1413	1537	1629	1667	1564	1746	1770	1962	1997
Maharashtra	1077	1033	1272	1084	1085	1329	1374	1281	1412	1104	920	1449	1337	1184	1121	1533	1471	1650
Manipur	2241	2241	2348	2285	1832	2371	2541	2263	2094	2323	2565	3676	3421	2289	3341	2356	2176	2207
Meghalaya	1405	1632	1556	1599	1623	1616	1688	1745	2195	2361	2385	1726	2398	1722	2395	2399	2394	2275
Mizoram	1745	767	263	887	1013	1223	1351	1779	1503	1609	1650	1626	1634	1696	1689	1748	1720	1269
Nagaland	1614	1503	1589	1846	1264	1965	1974	2029	2083	2130	1628	1645	1664	1692	1687	1691	1282	1719
Odisha	1346	1352	1486	1342	1385	1410	1258	1575	1582	1730	1290	1873	1525	1755	1885	1930	2028	1753
Puducherry	2372	2372	2488	2308	2459	2557	2488	2794	3053	2737	2510	2915	2054	3448	3109	3316	2941	3279
Punjab	3765	3792	3952	3961	3960	3804	3735	3970	3939	3822	3952	3977	4333	4106	3989	4333	4319	4191
Rajasthan	505	637	820	804	376	864	844	890	789	1000	751	842	829	844	865	979	834	1016
Sikkim	1403	1403	1451	1397	840	1522	1516	1547	1585	1586	1512	1623	1672	1680	1675	1681	1713	1643
Tamil Nadu	2025	2805	2347	2344	2785	2598	3440	2336	2765	2920	3415	1715	3397	3331	3465	3247	3424	3526
Telangana	NA	NA	NA	NA	NA	2403	2232	2788	2499	2419	2197	2243	2449	2807	3283	2631	3094	3338
Tripura	2169	2433	2549	2684	2640	2545	2542	2664	2637	2753	2701	2649	2617	2587	2723	2713	2821	3003
Uttar Pradesh	1697	1628	1784	1904	1761	1826	2057	2142	2130	1855	1873	2015	2048	2353	2361	2406	2352	2363
Uttarakhand	1551	1606	1633	1580	1577	1535	1670	1693	1725	1796	1828	1853	1933	1819	2028	2153	2155	2034
West Bengal	2350	2356	2302	2415	2371	2457	2520	2551	2559	2495	2698	2564	2726	2777	2658	2723	2812	2828
All India	**1510**	**1521**	**1643**	**1652**	**1494**	**1668**	**1820**	**1892**	**1864**	**1862**	**1808**	**1890**	**1951**	**1957**	**2029**	**2079**	**2131**	**2203**

Source: E,S&E Division, DA&FW

NA-Not Available

2.29 : Rabi Foodgrains: State-wise yield

Yield (Kg/hectare)

State/UT	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Andaman And Nicobar	500	975	571	571	606	442	575	508	483	538	650	306	321	210	578	407	407	370
Andhra Pradesh	2669	2452	2590	3123	2677	3052	2622	2805	3108	2966	2744	2675	3086	2623	3244	3059	3069	3687
Arunachal Pradesh	1390	1402	1348	1340	1384	1515	1588	1399	1504	1626	1480	1516	1541	1572	1557	1578	1585	1618
Assam	1446	1594	1774	1704	1726	1684	1829	2293	2029	2333	2274	2222	2339	2272	2094	2260	1857	804
Bihar	1563	1876	1966	1991	1943	1826	2035	2480	2310	1961	2318	2507	2769	2909	2444	2694	2873	3389
Chandigarh	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4600	4700	4699	5000	4500	4500	5000	4696
Chhattisgarh	572	661	708	702	770	786	797	857	728	1000	775	1049	867	955	405	966	767	961
Dadra And Nagar Haveli	975	975	975	974	955	1046	1067	1139	1130	1147	4699	1482	2326	1198	2463	NA	NA	NA
Daman And Diu	846	846	846	846	846	846	NA	NA	NA	NA	NA	NA	NA	NA	1000	NA	NA	NA
Delhi	4290	4333	4347	4343	4360	4325	4344	4412	4408	4416	4399	4425	4306	4307	4312	4356	4498	4648
Goa	1067	1383	1009	1042	2117	2167	1990	2073	2462	2098	2663	2213	2184	2097	2293	2257	2167	2281
Gujarat	2264	2100	2627	2152	2304	2439	2458	2510	2755	2434	2552	2409	2429	2603	2653	2383	2463	2555
Haryana	3651	4061	3983	4209	4079	4448	4782	4263	4514	3887	4285	4455	4335	4852	4617	4771	4470	4647
Himachal Pradesh	1813	1373	1377	1498	929	1532	1654	1696	1907	1953	1963	2074	1837	1827	1996	1738	1739	1860
Jammu And Kashmir	1740	1829	1713	1671	980	1490	1656	1550	1990	970	1907	1608	1602	2279	1953	1955	2024	2024
Jharkhand	1016	1173	1162	1246	1258	1296	1389	1540	1543	1447	1302	1476	1506	1368	1468	1590	1536	1468
Karnataka	1473	990	1307	1236	1144	1243	1154	1111	1270	1278	808	896	1114	931	1397	1463	1524	1361
Kerala	2268	2338	2197	2754	2518	2627	3052	2769	2634	3190	2995	2808	2967	3118	3301	3335	3128	3119
Ladakh	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1038	2016	1645
Lakshadweep	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Madhya Pradesh	1234	1398	1174	1306	1475	1271	1711	1874	1765	2095	2159	2134	2157	2263	2485	2432	2767	2646
Maharashtra	778	827	992	915	988	1019	853	719	991	864	628	1031	1075	914	1202	1250	1406	1306
Manipur	NA	NA	510	510	510	996	1224	1822	1645	1277	1271	1323	2154	1596	1737	2470	2578	1340
Meghalaya	1886	3273	3463	3138	3161	3163	3228	3826	3872	3500	3512	2527	3516	2436	3507	3506	3504	3412
Mizoram	1939	1587	1286	1263	2038	1902	1992	1435	1551	1571	981	1695	1627	1616	1493	1566	1557	1434
Nagaland	1622	1174	1188	1304	1144	1129	1184	1351	1475	1512	1415	1421	1449	1437	1440	1448	1265	1478
Odisha	1371	1414	1466	1520	1496	1588	1661	1713	1935	1797	1613	1727	1588	1840	1768	1811	1942	629
Puducherry	1785	1785	1455	1973	1935	1920	1545	2309	2710	3445	1858	3073	3110	3089	2983	2416	2821	3024
Punjab	4165	4197	4495	4452	4298	4683	4888	4661	4972	4252	4547	4676	5048	5159	4993	4838	4167	4742
Rajasthan	1998	2224	2013	2370	2456	2115	2390	2458	2221	2362	2633	2392	2556	2698	2475	2643	2659	2682
Sikkim	1142	1142	940	1119	1024	941	1042	1027	1043	1045	1065	1072	1074	1074	1131	1165	1004	1022
Tamil Nadu	1203	1923	1437	1817	1827	1759	2317	1499	2032	2264	2229	782	2167	2313	2176	1875	2107	2876
Telangana	NA	NA	NA	NA	NA	3224	2832	3197	3303	3408	2813	3222	3651	3499	3787	3656	3495	3476
Tripura	2272	2304	2599	2183	2343	2714	2872	2869	2827	2869	2994	2871	2868	2903	2897	2915	3102	3081
Uttar Pradesh	2327	2392	2534	2714	2561	2808	2827	2840	2747	2057	2451	2829	3001	3133	3141	3278	3260	3187
Uttarakhand	1544	1946	1969	1880	2022	2217	2291	2302	2323	1830	2188	2481	2609	2749	2700	2856	2786	2696
West Bengal	2593	2858	2994	2665	2855	2881	2953	3126	3098	3142	3075	3131	3072	3293	3410	3641	3574	2936
All India	**2019**	**2089**	**2174**	**2263**	**2201**	**2274**	**2427**	**2431**	**2435**	**2232**	**2341**	**2441**	**2603**	**2740**	**2738**	**2793**	**2798**	**2854**

Source: E,S &E Division, DA&FW

NA-Not Available

2.30 : Total Foodgrains: State-wise yield

Yield (Kg/hectare)

State/UT	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Andaman And Nicobar I	2713	2746	2489	2343	2399	2282	2512	2413	1930	1783	1926	2037	2875	1945	2939	1975	1976	1938
Andhra Pradesh	2365	2231	2613	2744	2294	2410	2600	2506	2552	2648	2571	2611	2934	2694	3022	2773	2762	3301
Arunachal Pradesh	1212	1216	1241	1255	1555	1663	1767	1772	1795	1889	1476	1687	1584	1618	1631	1646	1649	1656
Assam	1416	1286	1378	1551	1662	1763	1704	1962	1916	2021	1997	1857	2091	2078	2105	2145	1831	2351
Bihar	1311	1656	1546	1766	1530	1479	2098	2366	2018	1964	2208	2473	2587	2402	2302	2419	2641	2931
Chandigarh	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4600	4683	4628	4974	4977	4607	5034	4579
Chhattisgarh	1111	1148	1238	1041	1008	1424	1384	1506	1523	1474	1334	1846	1220	1617	1584	1712	1895	2319
Dadra And Nagar Havel	1445	1445	1445	1434	1006	1533	1452	1585	1534	1531	2177	2152	2011	1853	1994	2056	2049	2039
Daman And Diu	1548	1548	1417	1740	1361	1333	1650	1669	1754	2621	1184	1132	1244	1281	1634	1841	1832	NA
Delhi	3175	3405	3340	3348	3649	3647	3567	3531	4057	3908	3650	3652	3570	3567	3570	3764	3757	3854
Goa	2509	2254	2091	2231	1990	2264	2272	2361	2659	2545	2767	2551	2447	2469	2411	2494	2585	2607
Gujarat	1551	1423	1831	1595	1560	1843	1874	1970	2097	2016	2000	1952	2051	2134	2169	2121	2205	2309
Haryana	3045	3393	3420	3387	3383	3526	3879	3689	3855	3427	3648	3736	3632	3981	3891	3985	3864	3846
Himachal Pradesh	1731	1714	1918	1757	1297	1787	1911	1849	1962	1896	2122	2249	2053	2049	2180	2112	2260	2138
Jammu And Kashmir	1680	1733	1711	1851	1405	1639	1690	1962	1915	1275	1898	1749	1709	2178	2000	1894	1914	2007
Jharkhand	1073	1550	1709	1720	1330	1257	1798	1876	1891	1871	1546	1856	1957	1623	1817	1733	1765	1548
Karnataka	1776	1289	1548	1511	1377	1684	1629	1488	1620	1689	1354	1333	1542	1422	1658	1767	1726	1832
Kerala	2219	2331	2221	2440	2470	2400	2695	2547	2530	2823	2756	2532	2736	2890	3025	3064	2475	3090
Ladakh	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1023	1929	1583
Madhya Pradesh	1130	1167	1069	1168	1285	1162	1510	1676	1603	1856	1941	1947	1963	1970	2199	2188	2468	2296
Maharashtra	948	940	1150	1001	1039	1184	1155	1038	1207	988	781	1239	1212	1071	1163	1390	1438	1479
Manipur	2241	2241	2297	2236	1796	2244	2397	1926	1740	1506	1468	1726	2379	1688	2030	2448	2539	1799
Meghalaya	1455	1800	1774	1783	1809	1803	1873	1997	2389	2532	2555	1846	2566	1835	2562	2570	2564	2439
Mizoram	1754	822	285	898	1045	1246	1382	1756	1506	1607	1595	1629	1634	1691	1676	1736	1709	1279
Nagaland	1615	1482	1567	1811	1256	1902	1920	1967	2018	2065	1606	1621	1641	1664	1660	1664	1281	1700
Odisha	1349	1359	1484	1363	1397	1432	1303	1592	1625	1738	1330	1855	1533	1766	1870	1913	2016	1777
Puducherry	2180	2180	2130	2201	2297	2351	2269	2650	2953	2899	2285	2962	2348	3345	3074	2623	2847	3124
Punjab	3986	4017	4255	4231	4144	4280	4364	4347	4500	4054	4269	4353	4709	4658	4527	4606	4237	4470
Rajasthan	919	1119	1180	1263	931	1250	1348	1480	1334	1529	1390	1359	1402	1437	1469	1561	1469	1584
Sikkim	1354	1354	1378	1351	854	1448	1495	1538	1577	1579	1507	1616	1665	1669	1669	1676	1680	1610
Tamil Nadu	1847	2610	2125	2225	2556	2393	3162	2131	2554	2720	3063	1406	3028	2972	3052	2834	3019	3021
Telangana	NA	NA	NA	NA	NA	2690	2411	2911	2798	2723	2353	2577	2903	3035	3483	3075	3237	3401
Tripura	2194	2399	2563	2526	2545	2587	2620	2711	2680	2783	2775	2709	2685	2673	2770	2767	2895	3023
Uttar Pradesh	2057	2057	2206	2365	2236	2386	2498	2542	2484	1972	2198	2475	2594	2803	2816	2915	2875	2817
Uttarakhand	1548	1760	1785	1715	1780	1841	1945	1962	1995	1811	1989	2136	2236	2247	2343	2474	2442	2367
West Bengal	2423	2511	2525	2493	2522	2601	2645	2717	2721	2698	2819	2738	2839	2938	2904	3025	3066	3093
All India	**1715**	**1756**	**1860**	**1909**	**1798**	**1930**	**2078**	**2129**	**2120**	**2028**	**2041**	**2129**	**2235**	**2286**	**2343**	**2394**	**2425**	**2494**

Source: E,S &E Division, DA&FW

NA-Not Available

2.31 : Rice: State wise Yield

Yield (Kg/hectare)

State/UT	Season	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
Andaman And Nicobar Islands	Kharif	2896	2896	3000	2797	3059	2851	2960	2739	2029	2040	2203	2583	3154	2122	3154	2133	2133	2107
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total	2896	2896	3000	2797	3059	2851	2960	2739	2029	2040	2203	2583	3154	2122	3154	2133	2133	2107
Andhra Pradesh	Kharif	2525	2631	3177	2990	2742	2211	3042	2643	2305	2594	2934	3194	3346	3353	3353	2815	2869	3434
	Rabi	3659	3682	3651	3700	3543	4007	3999	4147	3830	3943	4440	4440	4749	4645	4576	4437	4401	4366
	Total	2939	2984	3344	3246	3062	2843	3302	3106	2852	3022	3465	3540	3788	3729	3765	3393	3392	3730
Arunachal Pradesh	Kharif	1195	1195	1275	1293	1777	1925	2065	2086	2092	2241	1584	1680	1768	1802	1835	1849	1852	1857
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1553	1556	1562	NA	1337	1340	1343	1345
	Total	1195	1195	1275	1293	1777	1925	2065	2086	2092	2241	1584	1679	1768	1802	1833	1847	1849	1854
Assam	Kharif	1421	1218	1293	1525	1662	1799	1688	1892	1903	1923	1915	1746	2013	2013	2089	2092	1784	2326
	Rabi	1779	2019	2266	2133	2185	2082	2297	2965	2572	2940	2818	2773	2975	2858	2593	2820	2281	NA
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2949
	Total	1468	1332	1428	1614	1737	1843	1780	2061	2012	2093	2062	1916	2171	2153	2176	2209	1862	2426
Bihar	Kharif	1064	1486	1226	1596	1101	1063	2160	2268	1741	1941	2095	2462	2454	1942	2183	2232	2493	2447
	Rabi	1369	1499	1561	1689	1737	2085	1912	2719	2342	2207	2472	2660	2119	2256	2133	2307	2682	NA
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2778
	Total	1075	1486	1237	1599	1120	1095	2155	2282	1759	1948	2104	2467	2447	1948	2182	2233	2496	2453
Chandigarh	Kharif	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3500	733	3533	5500	5500	5500	3950
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3500	733	3533	5500	5500	5500	3950
Chhattisgarh	Kharif	1337	1354	1446	1176	1120	1663	1597	1746	1766	1660	1517	2101	1311	1810	1848	1889	2134	2602
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total	1337	1354	1446	1176	1120	1663	1597	1746	1766	1660	1517	2101	1311	1810	1848	1889	2134	2602
Dadra And Nagar Haveli	Kharif	1743	1743	1743	1721	1076	1930	1760	1928	1876	1867	2333	2200	2200	2106	2067	2078	2069	2073
	Rabi	NA	NA	NA	NA	NA	NA	1143	1942	1909	1895	NA	2333	2333	2030	2533	NA	NA	NA
	Total	1743	1743	1743	1721	1076	1930	1739	1928	1876	1867	2333	2201	2201	2105	2160	2078	2069	2073
Daman And Diu	Kharif	2056	2056	1750	2111	1650	1650	1650	1712	1805	2270	1139	1139	1222	1273	2133	1956	1936	NA
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total	2056	2056	1750	2111	1650	1650	1650	1712	1805	2270	1139	1139	1222	1273	2133	1956	1936	NA
Delhi	Kharif	3200	4203	4243	4243	2834	2787	2885	2936	4906	4288	2862	2890	2876	2877	2877	3200	3106	3067
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total	3200	4203	4243	4243	2834	2787	2885	2936	4906	4288	2862	2890	2876	2877	2877	3200	3106	3067
Goa	Kharif	2822	2458	2330	2466	1902	2358	2521	2599	2828	2919	2830	2791	2619	2719	2481	2627	2816	2789
	Rabi	NA	NA	NA	NA	2600	2677	2688	2853	3202	2777	2687	2738	2807	2711	2899	2790	2742	2842
	Total	2822	2458	2330	2466	2138	2467	2577	2679	2954	2871	2783	2774	2674	2717	2605	2673	2795	2804
Gujarat	Kharif	1949	1799	1895	1698	1866	1956	2024	2095	2038	2297	2148	2238	2179	2248	2144	2314	2304	2496
	Rabi	NA	3488	2970	3080	3048	908	3190	4586	3000	3129	3548	3273	2664	3131	2950	2999	2924	NA
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2899
	Total	1949	1894	1942	1744	1903	1852	2141	2198	2076	2329	2205	2306	2209	2279	2193	2367	2355	2530
Haryana	Kharif	3051	3238	3361	2726	3008	2789	3044	3272	3256	3113	3061	3213	3181	3121	3334	3334	3605	3362
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total	3051	3238	3361	2726	3008	2789	3044	3272	3256	3113	3061	3213	3181	3121	3334	3334	3605	3362
Himachal Pradesh	Kharif	1412	1559	1546	1523	1381	1673	1705	1629	1625	1728	1763	1968	1603	1600	1980	2052	2532	1942
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total	1412	1559	1546	1523	1381	1673	1705	1629	1625	1728	1763	1968	1603	1600	1980	2052	2532	1942
Jammu And Kashmir	Kharif	2150	2194	2133	2186	1914	1942	2078	3126	2250	1871	2123	2019	1876	2350	2093	2173	1834	2202
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total	2150	2194	2133	2186	1914	1942	2078	3126	2250	1871	2123	2019	1876	2350	2093	2173	1834	2202
Jharkhand	Kharif	1150	1832	2024	2036	1547	1541	2131	2238	2238	2238	1814	2238	2350	1895	2219	1951	2028	1747
	Rabi	NA	1500	1000	1504	1504	NA	NA	NA	NA	NA	NA	2912	NA	NA	NA	NA	NA	NA
	Total	1150	1828	2018	2031	1546	1541	2131	2238	2238	2238	1814	2241	2350	1895	2219	1951	2028	1747

contd.

State/UT	Season	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
Karnataka	Kharif	3657	2402	2545	2412	2345	2705	2717	2545	2545	2573	2704	2487	3030	2989	3030	3030	3097	3344
	Rabi	4423.0	2690	2855	2805	2875	2759	3077.0	3030	3077	2969	2850	2848	3063	3160	3193	3193	3069	2633
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3016
	Total	3868	2470	2625	2511	2482	2719	2793	2632	2666	2670	2722	2519	3038	3012	3067	3072	3089	3223
Kerala	Kharif	2246	2352	2286	2395	2514	2377	2609	2492	2511	2719	2698	2451	2668	2826	2947	2985	2274	2716
	Rabi	2726	2622	2407	2980	2719	2689	3155	2846	2682	3234	3094	2883	3048	3232	3416	3441	3195	3149
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3350
	Total	2284	2390	2310	2519	2557	2452	2733	2577	2551	2836	2790	2550	2757	2920	3056	3091	2488	3108
Madhya Pradesh	Kharif	999	824	938	927	872	1106	1340	1474	1474	1684	1752	1840	2024	1875	2363	2061	2283	2057
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2391	2444	2493	2765	3430	NA	NA
	Total	999	824	938	927	872	1106	1340	1474	1474	1684	1752	1847	2026	1880	2370	2085	2283	2057
Maharashtra	Kharif	1770	1669	1898	1489	1474	1766	1837	1965	1924	1880	1711	2011	1873	2218	1828	2056	2127	2221
	Rabi	2098	2105	2128	2273	2250	2219	2074	1897	2289	2581	2375	2328	2376	2778	2612	3001	2954	NA
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2732
	Total	1779	1680	1903	1501	1485	1776	1841	1963	1934	1899	1725	2025	1882	2236	1866	2109	2178	2269
Manipur	Kharif	2322	2322	2446	2357	1889	2453	2642	2546	2201	2678	2670	3837	3561	2306	3775	2560	3008	3091
	Rabi	NA	NA	NA	NA	NA	NA	NA	2027	1730	1308	1162	1243	2304	1604	1855	2684	2832	NA
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1835
	Total	2322	2322	2446	2357	1889	2453	2642	2099	1788	1488	1429	1764	2568	1720	2195	2667	2836	1874
Meghalaya	Kharif	1432	1695	1602	1651	1673	1671	1752	1807	2241	2436	2460	1649	2474	1644	2469	2477	2469	2333
	Rabi	2214	4000	4147	3641	3679	3705	3762	4510	4326	4603	4608	3090	4636	3085	4629	4629	4626	4566
	Total	1508	1916	1880	1886	1910	1912	1988	2125	2493	2703	2726	1826	2740	1821	2734	2750	2741	2591
Mizoram	Kharif	1770	510	285	882	938	1160	1392	2091	1521	1634	1659	1663	1645	1683	1700	1760	1740	1149
	Rabi	2600	1682	1000	2000	1500	NA	3000	1933	1600	2313	2550	2213	2049	2087	2051	2089	2008	1320
	Total	1778	559	288	885	939	1160	1411	2088	1522	1643	1671	1669	1650	1688	1704	1764	1744	1151
Nagaland	Kharif	1682	1600	1685	1994	1426	2102	2106	2204	2260	2319	1581	1624	1643	1657	1669	1673	1233	1748
	Rabi	NA	NA	NA	NA	NA	NA	NA	2521	2625	2678	1802	1861	1886	1885	1887	1900	1800	1995
	Total	1682	1600	1685	1994	1426	2102	2106	2210	2267	2326	1586	1629	1649	1663	1675	1679	1234	1751
Odisha	Kharif	1482	1476	1633	1455	1512	1516	1340	1715	1697	1886	1373	2075	1652	1899	2036	2075	2235	1899
	Rabi	2163	2293	2447	2451	2713	2959	3213	3165	3422	3342	3356	3531	3133	3376	3188	3313	3797	NA
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3485
	Total	1531	1534	1694	1529	1585	1616	1450	1814	1821	1992	1491	2160	1739	2004	2122	2182	2353	2030
Puducherry	Kharif	2387	2387	2595	2310	2458	2561	2490	2792	3056	3020	2584	2988	2064	3500	3155	3347	2956	3311
	Rabi	2719	2719	2696	2860	2647	2712	2886	3075	3438	3621	3057	3900	3611	3682	3555	2571	2992	3137
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3635
	Total	2465	2465	2618	2442	2504	2596	2538	2857	3147	3164	2698	3219	2446	3546	3254	2756	2984	3304
Punjab	Kharif	3858	3868	4019	4022	4010	3828	3741	3998	3952	3838	3974	3998	4366	4132	4034	4366	4340	4193
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total	3858	3868	4019	4022	4010	3828	3741	3998	3952	3838	3974	3998	4366	4132	4034	4366	4340	4193
Rajasthan	Kharif	1425	1577	2031	1807	1515	2025	1886	1771	2147	2186	2022	2289	2365	2291	2189	2739	2436	2464
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total	1425	1577	2031	1807	1515	2025	1886	1771	2147	2186	2022	2289	2365	2291	2189	2739	2436	2464
Sikkim	Kharif	1433	1433	1636	1476	1869	1727	1730	1790	1815	1818	1230	1847	1856	1856	1858	1861	1861	1241
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total	1433	1433	1636	1476	1869	1727	1730	1790	1815	1818	1230	1847	1856	1856	1858	1861	1861	1241
Tamil Nadu	Kharif	2483	3339	2748	2617	2994	2965	3821	2646	3024	3113	3666	1610	3544	3478	3666	3300	3483	3627
	Rabi	3216	4325	3559	3389	3878	3838	4950	3426	3916	4031	4745	1967	4541	4450	4748	4215	4436	3357
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3975
	Total	2546	3423	2817	2683	3070	3040	3918	2712	3100	3191	3758	1642	3630	3562	3760	3379	3566	3500

contd.

State/UT	Season	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
Telangana	Kharif	NA	NA	NA	NA	NA	3143	2889	3263	2908	2990	2933	2992	2814	3477	3669	3022	3300	3498
	Rabi	NA	NA	NA	NA	NA	3514	3048	3305	3142	3414	2862	3169	3624	3413	3723	3446	3572	3295
	Total	NA	NA	NA	NA	NA	3303	2942	3277	3009	3138	2913	3075	3192	3452	3694	3206	3395	3406
Tripura	Kharif	2225	2500	2609	2747	2698	2602	2611	2736	2743	2843	2882	2841	2859	2822	2959	2953	3069	3218
	Rabi	2372	2392	2698	2234	2409	2817	2992	3020	2995	3087	3130	3221	3254	3287	3232	3321	3470	3391
	Total	2260	2472	2633	2586	2606	2655	2700	2800	2800	2903	2946	2940	2963	2944	3031	3045	3171	3263
Uttar Pradesh	Kharif	1996	1878	2062	2171	2083	2119	2357	2459	2446	2070	2130	2293	2280	2703	2703	2730	2675	2733
	Rabi	2179	2278	2526	2091	2270	2322	2458	2583	2593	2500	2720	2846	2975	2994	3114	3464	3268	NA
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3439
	Total	1996	1879	2063	2171	2084	2120	2358	2460	2447	2072	2133	2295	2283	2704	2705	2733	2678	2737
Uttarakhand	Kharif	1925	1952	1993	1907	2025	1820	2056	2152	2233	2260	2341	2329	2531	2350	2599	2762	2680	2453
	Rabi	2889	2875	3308	3067	2813	3309	3357	3208	3327	3148	3845	3800	3214	3289	3565	3595	3817	NA
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3526
	Total	1954	1979	2052	1966	2068	1901	2121	2206	2289	2307	2420	2414	2566	2412	2665	2814	2786	2548
West Bengal	Kharif	2378	2386	2327	2439	2396	2485	2547	2581	2612	2526	2735	2598	2771	2809	2688	2757	2848	2860
	Rabi	2928	3226	3259	2800	2991	3039	3174	3372	3366	3377	3380	3393	3400	3400	3570	3632	3479	NA
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3630
	Total	2509	2593	2573	2533	2547	2639	2688	2760	2788	2730	2888	2784	2926	2946	2892	2958	2995	3057
Others	Kharif	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
All India	**Kharif**	**1990**	**2024**	**2095**	**2082**	**2019**	**2120**	**2311**	**2373**	**2319**	**2295**	**2305**	**2417**	**2469**	**2553**	**2622**	**2607**	**2705**	**2735**
	Rabi	**3127**	**3130**	**3149**	**3010**	**3053**	**3171**	**3235**	**3353**	**3232**	**3291**	**3382**	**3230**	**3531**	**3444**	**3569**	**3541**	**3525**	**3467**
	Summer	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**3302**
	Total	**2102**	**2131**	**2202**	**2178**	**2125**	**2239**	**2393**	**2461**	**2416**	**2391**	**2400**	**2494**	**2576**	**2638**	**2722**	**2717**	**2798**	**2838**

Source: E,S &E Division, DA&FW

NA-Not Available

2.32 : Wheat: State-wise Yield

Yield (Kg/hectare)

State/ UT	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Andhra Pradesh	818	900	889	1143	1000	1000	NA	125	500	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arunachal Pradesh	1525	1575	1472	1576	1505	1595	1757	1498	1510	1974	1969	1969	1970	1970	1970	1970	1974	1977
Assam	1074	1117	1268	1090	1087	1179	1147	1304	1292	1216	1634	1344	1386	1398	1273	1379	1248	1322
Bihar	1617	1908	2058	2043	2084	1948	2206	2427	2358	1851	2244	2427	2905	2998	2595	2767	2780	2958
Chandigarh	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4600	4700	4699	5000	4500	4500	5000	4696
Chhattisgarh	886	1002	1059	1040	1086	1144	1227	1396	1304	1388	1270	1391	1289	1548	1050	1551	1229	1427
Dadra And Nagar Haveli	1833	1833	1833	1833	1500	2231	1929	2000	2000	2071	2500	2300	2300	2139	2400	NA	NA	NA
Daman And Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Delhi	4339	4341	4354	4351	4352	4340	4349	4406	4418	4419	4419	4434	4311	4312	4316	4360	4500	4650
Goa	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gujarat	2700	2498	3013	2377	2679	3155	3014	2875	3255	2751	2919	2751	2898	3020	3268	3205	3205	3248
Haryana	3844	4232	4158	4390	4213	4624	5030	4452	4722	3981	4407	4514	4412	4925	4687	4834	4533	4704
Himachal Pradesh	1894	1385	1376	1520	928	1530	1671	1671	1873	1957	1958	2033	1774	1770	1970	1712	1714	1853
Jammu And Kashmir	1790	1893	1782	1735	1003	1535	1689	1595	2061	979	1947	1638	1628	2330	2002	1985	2066	2062
Jharkhand	1340	1529	1621	1541	1738	1642	1908	1944	2123	1931	1835	2011	2121	1847	2046	2337	2282	2146
Karnataka	858	762	946	918	887	1094	858	796	1005	1318	897	1018	1193	1090	1198	1291	1287	1373
Kerala	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1000	NA
Ladakh	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1600	1600	1553
Lakshadweep	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Madhya Pradesh	1613	1835	1612	1723	1967	1757	2360	2478	2405	2850	2993	2976	2993	2993	2993	2989	3535	3179
Maharashtra	1393	1325	1659	1483	1610	1761	1558	1528	1460	1226	1077	1474	1657	1497	1697	1839	1894	1948
Manipur	NA	NA	NA	NA	NA	2500	2498	2500	2498	2602	2498	2498	2498	2502	2502	2535	2457	2481
Meghalaya	1714	2000	1833	1750	1773	1791	1564	1806	1881	1909	1953	1913	1928	1931	1935	1935	1935	1790
Mizoram	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nagaland	1583	867	1067	1500	1200	1712	1711	1801	1823	1824	1831	1840	1836	1830	1831	1834	1688	1838
Odisha	1364	1487	1554	1396	1450	1458	1644	1894	1574	1650	1324	1333	2163	1815	1390	1640	1705	1548
Puducherry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Punjab	4179	4210	4507	4462	4307	4693	4898	4724	5017	4294	4583	4704	5077	5188	5003	4868	4216	4748
Rajasthan	2762	2751	2749	3175	3133	2910	3175	3028	3083	2961	3175	3175	3334	3501	3501	3676	3913	3807
Sikkim	1385	1385	1000	1345	1135	1023	1060	1058	1083	1077	1094	1078	1079	1079	1082	1154	1155	1155
Tamil Nadu	NA	NA	NA	NA	NA	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Telangana	NA	NA	NA	NA	NA	1333	1375	NA	NA	1167	1696	1400	1388	1877	1842	2640	2009	2073
Tripura	2636	1800	1900	2000	1984	2025	2000	2000	2000	2143	2236	2300	2031	2115	2230	2071	2071	2048
Uttar Pradesh	2627	2721	2817	3002	2846	3113	3113	3113	3038	2277	2636	3113	3269	3432	3432	3604	3604	3531
Uttarakhand	1633	2049	2050	2003	2139	2316	2379	2396	2422	1881	2258	2587	2749	2910	2861	3062	2896	2916
West Bengal	2109	2282	2602	2490	2680	2760	2765	2786	2791	2807	2825	2682	2667	3012	2708	3077	2974	3088
All India	**2619**	**2708**	**2802**	**2907**	**2839**	**2989**	**3177**	**3117**	**3145**	**2750**	**3034**	**3200**	**3368**	**3533**	**3440**	**3521**	**3537**	**3521**

Source: E,S &E Division, DA&FW

NA-Not Available

2.33 : Bajra: State-wise Yield

Yield (Kg/hectare)

State/ UT	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Andhra Pradesh	1012	770	1243	1017	1178	1815	1598	1737	1761	1357	1806	1714	1927	1031	2328	2281	1787	2027
Bihar	1070	1073	1111	1200	1108	1102	1113	1142	1136	1134	1133	1135	1134	1134	1134	1134	1140	1140
Chhattisgarh	NA	NA	1000	NA	NA	NA	NA	NA	NA	1000	NA	426	NA	449	NA	515	429	458
Daman And Diu	NA	NA	1667	2000	1667	1333	NA	1361	1393	3922	1369	1101	1333	1306	1150	1509	1530	NA
Delhi	1824	1813	1875	1933	1917	1852	1868	1875	2513	2132	2511	2190	2197	2198	2197	4030	2747	3250
Gujarat	1169	1088	1419	1365	1232	1250	1419	1743	1743	1677	2004	2160	2430	2280	2098	2192	2442	2577
Haryana	1147	1649	1843	1769	1593	1793	2040	1910	2057	1749	1762	2017	1602	2068	2068	2372	2318	2280
Himachal Pradesh	333	500	500	500	1083	500	542	555	545	537	560	501	734	730	1020	557	512	480
Jammu And Kashm	600	591	595	592	629	598	591	598	595	594	590	592	590	558	595	492	595	587
Jharkhand	500	500	NA	1000	574	704	520	474	515	500	528	667	576	578	711	643	618	580
Karnataka	977	483	824	703	502	1081	972	1036	1182	1060	875	1054	1241	957	1140	1241	1158	1386
Kerala	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1500
Madhya Pradesh	1491	1365	1402	1373	1495	1898	1924	1568	2003	1978	2315	2431	2435	1921	2219	2256	2533	2599
Maharashtra	720	729	878	765	741	1085	982	637	1034	622	416	955	849	545	761	955	928	1079
Nagaland	1000	NA	NA	NA	NA	857	862	1015	1014	1014	1014	1014	1014	1014	1014	1014	752	1076
Odisha	552	583	593	600	604	636	615	610	611	613	611	614	619	622	620	622	615	633
Puducherry	2500	2500	1000	1000	1850	2324	2667	NA	NA	NA	2429	1313	2786	2545	2591	2600	2643	2593
Punjab	1000	1000	1000	1000	1333	1000	1000	1000	1000	NA	NA	583	598	651	635	640	635	690
Rajasthan	556	701	832	828	394	832	915	972	818	1093	872	1001	886	911	1093	1049	1001	1117
Tamil Nadu	1158	1511	1435	1483	1512	1564	2452	1326	2158	3077	2747	2059	2277	2517	2743	2357	2437	2515
Telangana	NA	NA	NA	NA	NA	729	625	1200	978	1000	833	882	1057	497	1158	930	1011	2952
Uttar Pradesh	1434	1455	1520	1609	1638	1665	1839	1951	2033	1899	1821	1914	1940	2029	2115	2221	2156	2160
West Bengal	NA	NA	NA	NA	434	375	367	429	286	313	306	293	300	402	401	425	428	425
All India	**802**	**886**	**1042**	**1015**	**731**	**1079**	**1171**	**1198**	**1184**	**1255**	**1132**	**1305**	**1231**	**1219**	**1374**	**1420**	**1430**	**1510**

Source: E,S &E Division, DA&FW
NA-Not Available

2.34: Maize: State-wise Yield

Yield (Kg/hectare)

State/ UT	Season	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(18)	(19)
Andaman And Nicobar Islands	Kharif	1000	2000	4500	3000	2000	2476	2125	2000	2254	3529	2933	2087	862	1510	NA	2680	2680	2260
	Total	1000	2000	4500	3000	2000	2476	2125	2000	2254	3529	2933	2087	862	1510	NA	2680	2680	2260
Andhra Pradesh	Kharif	3538	2402	4125	3147	1986	4148	3454	4000	3015	3290	3680	4176	4678	4134	4717	3807	3390	4046
	Rabi	5994	6195	5543	7302	6281	9140	7756	7096	7456	7926	7184	7867	7956	6992	7630	7203	6880	8859
	Total	4073	3396	4607	4873	3527	8090	6464	6184	6218	6396	6056	6612	6912	5875	6701	5917	5553	7138
Arunachal Pradesh	Kharif	1373	1363	1338	1365	1363	1397	1434	1423	1423	1533	1532	1472	1486	1530	1514	1535	1539	1544
	Rabi	1474	1452	1410	1400	1485	1690	1736	1496	1681	1684	1580	1620	1665	NA	1700	1716	1720	1722
	Total	1382	1371	1344	1371	1380	1435	1473	1436	1467	1563	1542	1500	1521	1530	1550	1570	1575	1579
Assam	Kharif	721	778	722	724	726	722	719	897	898	3333	3070	2911	3132	3254	3495	3594	3965	3698
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total	721	778	722	724	726	722	719	897	898	3333	3070	2911	3132	3254	3495	3594	3965	3698
Bihar	Kharif	1518	1532	956	1518	1773	1806	2358	2476	2103	2476	2559	2586	2400	2078	2078	1163	1352	2458
	Rabi	2529	3445	3198	3394	2660	2467	2404	4309	3358	3854	4201	4309	4005	4524	3380	4081	4976	7120
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6469
	Total	2098	2671	2274	2676	2341	2230	2386	3611	2884	3313	3571	3732	3476	3708	2975	3211	4026	5854
Chandigarh	Kharif	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3000	3000	2875	2875
	Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3000	3000	2875	2875
Chhattisgarh	Kharif	1076	1225	1567	1402	1399	1807	1654	1936	2062	1886	1693	2691	2380	2503	2691	2996	3017	3267
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total	1076	1225	1567	1402	1399	1807	1654	1936	2062	1886	1693	2691	2380	2503	2691	2996	3017	3267
Dadra And Nagar Haveli	Kharif	NA	NA	NA	NA	NA	NA	1000	1000	1000	1100	NA	1000	1000	1053	1000	NA	NA	NA
	Rabi	NA	NA	NA	NA	NA	NA	1000	NA	1000	NA	NA	NA	NA	800	NA	NA	NA	NA
	Total	NA	NA	NA	NA	NA	NA	1000	1000	1000	1100	NA	1000	1000	872	1000	NA	NA	NA
Delhi	Kharif	1000	1000	1000	1000	NA	36000	20750	NA	20750	NA	22371	5800	5118	5110	5100	5091	5100	5120
Goa	Kharif	5000	5000	5000	6000	6000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gujarat	Kharif	1124	698	1375	1439	964	1636	1393	1676	1267	1558	1326	1683	1551	1770	1497	1521	1950	1906
	Rabi	NA	NA	NA	1700	1593	1645	1915	1953	2023	2000	1989	2023	2000	2563	2509	2265	2521	2748
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2562
	Total	1124	698	1375	1481	1072	1637	1523	1727	1477	1652	1478	1780	1661	1961	1815	1717	2090	2140
Haryana	Kharif	2125	2286	2643	2159	2250	1900	2667	2556	3000	2250	2833	3400	3167	2644	2833	3026	3133	3328
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total	2125	2286	2643	2159	2250	1900	2667	2556	3000	2250	2833	3400	3167	2644	2833	3026	3133	3328
Himachal Pradesh	Kharif	1839	2326	2873	2273	1839	2263	2432	2233	2228	1979	2507	2672	2532	2530	2540	2727	2970	2654
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total	1839	2326	2873	2273	1839	2263	2432	2233	2228	1979	2507	2672	2532	2530	2540	2727	2970	2654
Jammu And Kashmir	Kharif	1413	1505	1569	2005	1566	1712	1608	1648	1776	1204	1782	1833	1805	2189	2015	1759	1986	1979
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total	1413	1505	1569	2005	1566	1712	1608	1648	1776	1204	1782	1833	1805	2189	2015	1759	1986	1979
Jharkhand	Kharif	1309	1203	1500	1346	1100	1181	1473	1790	2017	1768	1324	1927	2025	1740	1986	2181	2225	1952
	Rabi	1622	1806	1722	2123	1858	2061	1970	2689	1807	1530	1794	1796	2031	1905	2099	2305	2373	1622
	Total	1315	1230	1509	1407	1168	1215	1492	1812	2012	1763	1332	1923	2025	1744	1989	2186	2231	1910
Karnataka	Kharif	2919	2839	2893	2821	2415	3515	3022	2563	2872	3131	2734	2367	2869	2755	2906	3051	3231	2985
	Rabi	2872	2737	3245	2919	2553	2946	3084	3106	3099	3354	2535	3037	3710	3377	3781	3546	3621	3490
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3755
	Total	2915	2829	2924	2833	2430	3450	3028	2629	2894	3152	2713	2419	2948	2805	2990	3107	3279	3092
Kerala	Kharif	NA	NA	NA	NA	NA	NA	NA	61	2000	833	1247	1046	2249	1281	1314	1423	2125	3091
	Rabi	NA	NA	NA	NA	NA	NA	NA	1000	NA	2000	NA	NA	NA	1428	1205	963	2731	3390
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1286
	Total	NA	NA	NA	NA	NA	NA	NA	82	2000	1000	1247	1046	2249	1385	1239	1074	2614	2943
Madhya Pradesh	Kharif	1450	976	1288	1361	1256	1266	1492	1790	1767	1880	2350	2585	2585	3256	2882	2743	3291	3191
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3619	3694	3809	3999	3999	NA	NA
	Total	1450	976	1288	1361	1256	1266	1492	1790	1767	1880	2350	2602	2615	3261	2899	2763	3291	3191

contd.

State/ UT	Season	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(18)	(19)
Maharashtra	Kharif	2134	1996	2706	2405	2275	3022	2890	2296	2856	1868	1681	3246	3116	1928	1363	3241	2694	3080
	Rabi	1976	1924	2426	2257	2455	2456	2110	1820	2346	2558	1799	2558	2400	1833	2559	2449	3182	2669
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1854
	Total	2106	1983	2664	2382	2302	2920	2762	2219	2727	2045	1712	3009	2868	1906	1740	2978	2865	2913
Manipur	Kharif	2724	2724	2800	2674	2436	1856	1768	2301	2246	2243	NA	NA	NA	NA	2228	2362	2281	NA
	Rabi	NA	NA	NA	NA	NA	NA	2165	NA	NA	NA	2304	2194	2343	2205	NA	2281	2232	2293
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2190
	Total	2724	2724	2800	2674	2436	1856	1845	2301	2246	2243	2304	2194	2343	2205	2228	2340	2266	2220
Meghalaya	Kharif	1426	1471	1468	1503	1529	1499	1529	1554	2200	2259	2284	2291	2293	2294	2298	2300	2302	2265
Mizoram	Kharif	1917	1942	69	967	1337	1502	1214	1305	1424	1521	1756	1540	1605	1797	1758	1824	1720	1650
	Rabi	2222	2667	1000	1000	1667	1667	1238	1611	1294	1286	208	1570	1355	1558	1359	1602	1503	2210
	Total	1940	1963	95	969	1347	1508	1214	1314	1420	1515	1342	1542	1584	1780	1727	1807	1703	1674
Nagaland	Kharif	1800	1674	1788	1800	1075	1958	1960	1961	1969	1975	1979	1980	1982	1982	1984	1988	1552	2005
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	1973	1975	1981	1981	1981	1983	1985	1985	1903	1987
	Total	1800	1674	1788	1800	1075	1958	1960	1961	1969	1975	1979	1980	1982	1982	1984	1988	1559	2003
Odisha	Kharif	1587	1655	1976	1986	2155	2540	2046	2393	2766	2039	1967	2824	2503	2307	2877	2919	2783	2998
	Rabi	2188	2368	2241	2609	2247	2778	2496	2793	2905	2608	2618	2911	2721	2610	3333	2614	2697	NA
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2480
	Total	1602	1677	1987	2007	2157	2549	2063	2408	2771	2053	1996	2827	2513	2324	2904	2909	2780	2980
Punjab	Kharif	2723	3123	3405	3404	3417	3692	3984	3682	3900	3651	3687	3836	3708	3625	3581	3665	3930	4393
Rajasthan	Kharif	1098	1085	1860	1737	1044	1796	1583	1763	1597	1740	1318	1501	2033	2240	1297	2240	2089	2224
	Rabi	1429	1429	1667	1429	1429	NA	3434	3844	3729	NA	3705	NA	3909	NA	4513	4901	5685	5406
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1723
	Total	1098	1086	1860	1736	1044	1796	1594	1780	1621	1740	1334	1501	2063	2240	1355	2285	2149	2277
Sikkim	Kharif	1491	1491	1601	1544	1671	1648	1657	1700	1724	1727	1754	1763	1767	1768	1769	1770	1773	1787
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total	1491	1491	1601	1544	1671	1648	1657	1700	1724	1727	1754	1763	1767	1768	1769	1770	1773	1787
Tamil Nadu	Kharif	1170	3224	2952	3668	4301	3858	5682	3554	5682	5682	7103	4554	9219	7598	8115	7276	8050	7797
	Rabi	1215	5047	5091	5763	5431	5452	6649	2819	5002	7500	6888	1255	6692	6998	6717	5287	6068	6141
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6141
	Total	1189	3838	3627	4389	4685	4458	6042	3252	5372	6423	7010	3026	7986	7258	7424	6408	7066	7007
Telangana	Kharif	NA	NA	NA	NA	NA	3677	2694	4173	3581	2699	2557	2761	3450	3105	4845	4646	4558	4554
	Rabi	NA	NA	NA	NA	NA	5277	4814	5111	5465	5288	4958	5465	5738	6502	6502	7844	7386	6511
	Total	NA	NA	NA	NA	NA	4053	3204	4440	4140	3335	3056	3321	4057	3837	5347	6782	5403	5557
Tripura	Kharif	1000	960	1000	952	1006	1322	1353	1295	1277	1292	1385	1362	1408	1289	1422	1692	1842	1964
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	1500	1421	1470	1555	1559	2138	2427	2491	2637	3505
	Total	1000	960	1000	952	1006	1322	1353	1295	1279	1303	1399	1395	1429	1420	1570	1962	2046	2338
Uttar Pradesh	Kharif	1284	1326	1437	1495	1456	1468	1654	1654	1654	1778	1850	1876	2192	2067	2302	2309	2123	2143
	Rabi	3341	1567	1615	1621	2800	2667	1810	2105	2183	1838	1889	13417	2383	2254	2547	2828	2750	2822
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2878
	Total	1295	1335	1443	1499	1465	1477	1662	1677	1703	1784	1855	2064	2208	2082	2323	2352	2170	2191
Uttarakhand	Kharif	1333	1333	1483	1303	1357	1503	1464	1437	1419	2070	1696	1682	1970	1866	1921	2074	2486	2291
	Rabi	NA	2000	NA	NA	NA	1000	NA	1800	NA	2667	2000	NA	NA	NA	NA	NA	NA	NA
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3000
	Total	1333	1355	1483	1303	1357	1501	1464	1437	1419	2070	1697	1682	1970	1866	1921	2074	2486	2305
West Bengal	Kharif	2076	2166	2095	2658	2183	2588	2270	2384	2687	2688	2739	2692	2697	3396	3404	3132	3046	3633
	Rabi	3913	3665	4035	4550	4984	4773	4497	4923	4765	5056	5463	5043	5463	7362	7291	7362	7652	6247
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7300
	Total	2533	2968	3166	3783	3942	3977	3722	3947	4059	4350	4654	4367	4805	6556	6647	6752	6989	6285
All India	**Kharif**	**1799**	**1660**	**2122**	**2048**	**1740**	**2285**	**2234**	**2246**	**2346**	**2249**	**2236**	**2413**	**2706**	**2648**	**2572**	**2779**	**2914**	**2940**
	Rabi	**3076**	**3793**	**3854**	**4387**	**3694**	**4003**	**3765**	**4152**	**4050**	**4414**	**4006**	**3897**	**4436**	**4893**	**4631**	**4723**	**5084**	**5355**
	Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**5361**
	Total	**1938**	**1912**	**2335**	**2414**	**2024**	**2540**	**2478**	**2566**	**2676**	**2632**	**2563**	**2689**	**3065**	**3070**	**3006**	**3199**	**3387**	**3545**

Source: E,S &E Division, DA&FW
NA-Not Available

2.35 : Total Pulses: State-wise Yield

Yield (Kg/hectare)

State/UT	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Andaman And Nicob	500	571	609	571	600	442	541	499	486	541	649	304	322	274	578	406	406	364
Andhra Pradesh	772	679	803	818	740	701	711	847	958	911	848	659	865	558	932	880	859	1042
Arunachal Pradesh	1078	1078	1078	1059	1090	1055	1105	1122	1155	1,263	1015	1010	1020	1119	1060	1070	1071	1124
Assam	537	557	558	567	561	555	573	598	695	748	757	735	748	756	737	764	767	774
Bihar	749	722	818	801	837	878	975	1052	1044	859	845	936	954	946	731	839	891	954
Chhattisgarh	477	543	586	580	604	624	613	700	573	818	609	858	697	721	318	693	589	759
Dadra And Nagar Ha	862	862	862	859	829	898	939	901	898	897	1174	2035	1000	1113	986	NA	NA	NA
Daman And Diu	846	846	846	846	846	846	NA	NA	NA	NA	NA	NA	NA	NA	1029	NA	NA	NA
Delhi	1000	1750	1750	2333	2008	1611	1939	2097	1500	NA	3270	2120	2000	2000	2000	2000	2000	2000
Goa	1045	1358	991	1030	1082	1057	836	902	1102	944	754	1004	870	1019	877	976	798	886
Gujarat	704	593	843	777	705	812	815	867	897	972	931	868	1016	1029	1172	1295	1533	1368
Haryana	622	824	602	972	758	899	706	800	820	674	680	897	961	1141	924	830	847	732
Himachal Pradesh	713	932	1062	758	681	1213	954	1413	1763	1,232	1504	2019	2019	1938	1944	1768	1876	1686
Jammu And Kashmir	504	505	508	464	456	584	508	530	535	381	631	539	553	535	2559	624	639	532
Jharkhand	592	686	736	724	708	773	885	1038	1021	1,004	886	1002	1055	990	1030	1067	1050	1046
Karnataka	487	377	531	466	451	561	492	555	641	601	403	586	645	528	693	661	619	622
Kerala	775	857	857	818	991	778	747	1029	1108	1,131	1133	984	1027	925	966	959	1022	1038
Ladakh	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	898	900	812
Madhya Pradesh	754	780	609	808	871	656	803	972	861	876	903	944	1084	916	864	1088	1065	1115
Maharashtra	584	602	746	537	702	768	693	704	802	602	436	865	795	670	891	954	986	928
Manipur	523	523	497	504	497	897	942	935	937	959	963	973	965	950	918	944	940	985
Meghalaya	750	744	825	867	881	849	896	1019	1126	1,405	1442	1446	1439	1396	1444	1444	1448	1468
Mizoram	1215	1160	529	900	1667	1534	1389	1061	1468	1,416	1361	1352	1544	1574	1353	1385	1415	1223
Nagaland	1281	1200	1189	1203	1036	1058	1091	1096	1124	1,146	1150	1089	1159	1230	1161	1166	1164	1174
Odisha	416	445	446	481	460	486	471	513	537	532	505	548	556	574	579	554	553	573
Puducherry	324	324	83	200	154	499	417	512	425	630	241	377	955	536	436	384	476	626
Punjab	804	850	804	908	887	910	789	823	872	846	965	887	876	938	871	971	1213	1012
Rajasthan	261	462	401	497	204	686	546	603	593	580	515	604	639	636	709	692	628	658
Sikkim	897	897	928	937	376	899	903	915	925	925	954	960	954	961	962	964	968	969
Tamil Nadu	337	541	303	307	396	386	552	413	752	852	631	544	675	648	735	588	622	636
Telangana	NA	NA	NA	NA	NA	629	479	802	869	644	508	772	899	861	1062	997	970	1122
Tripura	629	654	691	718	713	706	697	705	719	718	673	952	710	732	760	775	770	831
Uttar Pradesh	811	725	731	899	748	832	993	985	736	612	619	870	973	1051	1033	1040	1078	1031
Uttarakhand	590	642	794	609	719	851	891	841	869	821	821	869	874	922	963	973	1076	992
West Bengal	785	703	793	704	825	898	706	952	843	941	967	968	969	796	801	950	868	986
All India	**598**	**612**	**625**	**659**	**630**	**691**	**699**	**789**	**764**	**728**	**655**	**785**	**853**	**757**	**823**	**885**	**888**	**902**

Source: E,S &E Division, DA&FW
NA-Not Available

2.36: Gram: State-wise Yield

Yield (Kg/hectare)

State/ UT	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Andhra Pradesh	1591	1085	1448	1412	1308	1204	933	1051	1264	1143	1062	960	1132	508	1218	1136	1023	1388
Assam	500	500	500	529	517	500	509	557	698	938	704	651	687	699	698	739	740	766
Bihar	902	818	972	925	1014	1187	1295	1402	1147	958	986	1120	1154	1199	730	1052	1053	1076
Chhattisgarh	706	843	874	831	880	959	995	1069	771	1035	722	1171	1010	1026	231	887	725	912
Dadra And Nagar Ha	500	500	500	500	798	1000	1000	1000	1000	1000	10500	1050	NA	1328	NA	NA	NA	NA
Delhi	1000	NA	NA	NA	NA	882	7000	NA	1500	NA	1317	2120	2000	2000	2000	2000	2000	2000
Gujarat	850	870	977	1011	947	1136	1138	978	1251	1236	1330	1116	1285	1358	1568	1568	1908	1699
Haryana	554	843	505	1041	738	982	911	1128	904	646	619	1189	1125	1385	1072	1005	1194	911
Himachal Pradesh	538	769	933	429	523	1000	971	1021	1000	927	1047	923	1042	1040	1070	1024	1231	1020
Jammu And Kashmir	500	NA	667	667	500	545	583	542	NA	NA	NA	NA	217	NA	300	NA	NA	200
Jharkhand	811	923	925	897	914	1052	1067	1174	1166	1160	995	1174	1228	1166	1197	1257	1186	1172
Karnataka	548	473	607	552	591	658	583	643	757	718	466	590	619	509	782	625	689	680
Kerala	NA	NA	NA	NA	NA	NA	NA	NA	NA	833	936	917	965	790	757	837	NA	NA
Madhya Pradesh	926	980	711	981	1071	863	1081	1219	1044	1039	1115	1100	1280	1288	1417	1488	1514	1468
Maharashtra	691	706	825	677	863	904	775	763	891	762	539	891	917	825	1096	1074	1145	1074
Manipur	NA	NA	NA	NA	NA	NA	NA	985	875	838	922	949	933	929	917	925	928	979
Meghalaya	600	600	600	600	620	500	625	611	989	1033	1059	1065	1066	1068	1072	1072	1072	1078
Nagaland	1000	1250	1500	667	667	714	720	842	838	842	844	827	846	842	842	842	840	827
Odisha	646	652	659	662	748	780	765	774	768	770	769	768	778	780	779	773	778	763
Punjab	750	1000	1000	1172	1133	1286	1000	1400	1211	1056	1294	1375	1181	1330	1219	1322	1214	1046
Rajasthan	443	863	466	779	605	898	740	1019	853	725	892	911	1074	1152	1079	1072	1167	934
Tamil Nadu	678	644	676	638	614	671	643	645	653	645	653	648	926	926	926	926	926	926
Telangana	NA	NA	NA	NA	NA	1360	847	1464	2162	1372	714	1294	1516	1569	1532	1667	1409	1568
Tripura	500	1000	1000	667	667	667	733	774	769	750	780	780	791	665	619	636	634	660
Uttar Pradesh	893	742	745	1014	824	930	1185	1119	824	659	612	1114	1155	1272	1371	1243	1346	1321
Uttarakhand	1000	1000	1000	NA	1000	785	1000	830	786	821	846	1000	782	800	763	751	790	800
West Bengal	913	769	984	1037	1108	1072	1049	1175	1175	1178	1192	1013	1150	1179	1313	1259	1206	1271
All India	**808**	**845**	**762**	**895**	**915**	**895**	**928**	**1036**	**960**	**889**	**840**	**974**	**1078**	**1041**	**1142**	**1192**	**1261**	**1172**

Source: E,S &E Division, DA&FW

NA-Not Available

2.37: Tur: State-wise Yield

Yield (Kg/hectare)

State/ UT	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Andaman And Nicot	NA	1000	1400	NA	547	NA	286	283	1500	1000	500	43	500	370	NA	100	100	300
Andhra Pradesh	609	401	652	456	438	383	301	481	561	503	600	380	430	182	486	363	271	323
Arunachal Pradesh	1000	1000	1000	1000	833	833	879	968	1111	1091	905	814	825	864	869	NA	879	889
Assam	692	714	667	704	709	718	714	829	932	941	880	858	833	833	864	856	858	865
Bihar	1291	989	1012	1178	1514	1404	1514	2131	1667	1438	1577	1581	1548	1852	1681	1606	1607	1869
Chhattisgarh	445	426	522	583	510	440	433	620	614	636	458	598	601	480	628	599	574	691
Dadra And Nagar Ha	867	867	867	867	800	801	801	800	804	805	1200	2886	1000	1335	1000	NA	NA	NA
Daman And Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1000	NA	NA	NA
Delhi	1000	1500	1500	2000	1838	1750	1727	1724	NA	NA	3522	NA	NA	NA	NA	NA	NA	NA
Gujarat	1102	751	1109	989	906	986	1053	1184	995	1098	1125	1156	1243	1209	991	1186	1161	1163
Haryana	1067	1100	1138	1091	1045	1080	1111	1086	1176	1098	1000	915	1097	1211	1120	1250	1181	1180
Himachal Pradesh	NA	NA	NA	NA	NA	333	417	364	NA	500	326	375	511	510	650	875	875	870
Jharkhand	633	645	800	616	871	686	904	1034	1043	1018	903	1002	1147	1014	1048	1104	1129	1144
Karnataka	727	470	712	528	467	594	462	555	713	651	368	749	861	639	729	759	666	701
Kerala	NA	NA	NA	NA	1496	1490	1693	1588	941	1885	1289	1580	1560	1674	1668	1647	1652	1680
Madhya Pradesh	739	683	670	804	851	337	625	662	716	981	1079	1133	1297	846	1103	1305	844	762
Maharashtra	720	726	922	600	841	750	706	819	906	600	450	1042	909	662	907	1042	1042	787
Manipur	NA	NA	NA	NA	NA	NA	NA	NA	NA	989	1094	1109	1132	1055	898	1018	982	981
Meghalaya	750	750	750	750	784	750	759	1152	1362	1278	1295	1299	1295	1295	1298	1302	1305	1305
Mizoram	1000	1000	1000	NA	NA	NA	NA	NA	NA	NA	NA	965	1031	1006	940	1030	1022	1080
Nagaland	950	1200	1189	938	703	840	853	899	896	900	902	903	913	910	910	919	880	950
Odisha	742	803	825	860	841	916	812	912	896	898	886	884	897	1022	1124	1166	1036	1062
Punjab	885	931	900	966	957	929	1000	903	897	923	1000	860	1030	1047	1095	1163	1014	1107
Rajasthan	647	503	876	772	381	761	666	879	649	736	548	1088	1017	941	586	879	915	899
Tamil Nadu	540	732	701	608	765	662	870	785	967	1064	908	655	1093	1248	1273	1049	936	1039
Telangana	NA	NA	NA	NA	NA	442	304	555	529	495	419	676	798	647	903	775	769	882
Tripura	692	750	750	700	725	750	747	749	717	722	687	705	738	759	802	780	783	797
Uttar Pradesh	987	749	891	914	662	898	1044	1045	900	606	691	1074	1175	1084	980	1005	1223	1039
Uttarakhand	1000	500	667	667	1000	706	1000	799	810	902	770	1000	967	805	851	1185	1066	994
West Bengal	889	700	818	833	728	1423	432	1434	1429	1434	1480	1249	1300	1543	852	1210	1569	1628
All India	**765**	**650**	**826**	**671**	**711**	**655**	**662**	**776**	**813**	**729**	**646**	**913**	**967**	**729**	**859**	**914**	**861**	**814**

Source: E,S &E Division, DA&FW

NA-Not Available

2.38: Total Oilseeds: State-wise Yield

Yield (Kg/hectare)

State	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Andaman And Nico	NA	NA	NA	NA	NA	NA	NA	NA	333	833	200	329	1727	892	NA	537	533	573
Andhra Pradesh	698	609	1276	842	724	730	482	645	731	557	954	581	1328	589	1194	854	603	937
Arunachal Pradesh	838	838	962	963	927	920	1015	954	958	971	1040	1040	1040	1040	1040	1049	1058	1060
Assam	465	495	523	542	526	576	557	610	613	670	694	643	638	642	619	646	643	778
Bihar	982	1031	979	999	1042	1048	1046	1120	1182	1083	1059	1155	1208	1248	1099	1077	1048	1134
Chhattisgarh	419	503	532	507	607	686	550	723	640	599	501	572	461	561	720	613	666	713
Dadra And Nagar H	1000	1000	1000	NA	680	750	704	604	667	571	NA	366	562	590	432	NA	NA	NA
Delhi	763	1500	871	154	1256	1300	1251	1265	NA	NA	1260	1248	1260	1262	1261	1261	1300	1375
Goa	2394	1769	1892	2158	2807	2862	2500	2409	2544	1899	2126	2352	2258	2345	2503	2230	2025	1582
Gujarat	1544	908	1618	1345	1109	1692	1608	1103	2231	1920	1627	1725	2125	1458	2320	1844	2073	2263
Haryana	1124	1344	1214	1723	1645	1855	1394	1712	1637	1456	1589	1832	2008	2042	1783	2008	1881	1694
Himachal Pradesh	344	477	442	365	270	514	579	514	490	542	521	487	590	590	619	719	716	728
Jammu And Kashm	429	610	846	760	763	821	826	789	895	682	599	523	760	1086	859	643	765	832
Jharkhand	311	422	553	560	562	625	680	787	663	664	681	732	713	684	784	788	805	820
Karnataka	600	478	681	556	502	782	665	647	824	698	583	623	883	824	1025	1033	937	1138
Kerala	667	889	706	696	625	1032	1230	1045	980	1054	1049	125	900	697	734	409	448	795
Ladakh	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	154
Madhya Pradesh	1009	955	1015	1075	1129	1143	1073	1231	858	1093	841	1177	1046	1247	864	772	1058	1070
Maharashtra	925	963	1274	857	725	1394	1223	1337	1276	672	579	1160	1017	1096	1144	1422	1182	1321
Manipur	7000	7000	429	778	778	774	788	729	840	863	847	858	870	855	846	862	670	766
Meghalaya	684	673	670	676	701	704	766	695	1030	1071	1091	1051	1057	1059	1060	1062	1067	1069
Mizoram	1125	927	229	781	1106	1203	967	1078	1146	1117	1112	1140	1113	1193	1123	1170	1044	1048
Nagaland	926	901	896	1142	835	1040	1043	1047	1048	1048	1047	1050	1050	1050	1050	1056	1025	1079
Odisha	565	550	608	604	589	619	661	700	755	667	632	681	625	662	725	927	869	936
Puducherry	1778	1778	1778	2000	1636	1684	1214	1890	1907	2280	2345	2511	2504	2481	1972	1952	1705	1569
Punjab	1097	1111	1288	1276	1354	1336	1360	1350	1335	1265	1318	1386	1482	1499	1472	1548	1522	1566
Rajasthan	1134	1146	1051	1114	1066	1203	1243	1296	1144	1192	1182	1351	1477	1581	1248	1538	1509	1466
Sikkim	727	727	872	763	959	832	841	863	887	891	909	918	924	925	925	925	926	932
Tamil Nadu	1624	1829	1739	1782	1898	2076	2479	2103	2362	2374	2290	1870	2729	2411	2626	2244	2505	2288
Telangana	NA	NA	NA	NA	NA	1341	1216	1430	1366	1270	1102	1385	1791	1835	1886	1713	1817	1806
Tripura	709	705	675	714	717	732	751	506	759	793	771	814	780	817	838	864	833	848
Uttar Pradesh	993	837	856	865	753	832	828	898	808	698	670	876	1054	1079	908	1066	1025	1158
Uttarakhand	857	760	976	1011	1138	1012	1082	1235	1070	938	1100	929	916	938	965	970	949	994
West Bengal	952	918	997	828	1065	1048	994	1162	1185	1161	1168	1147	1198	1255	1060	1189	1252	1272
All India	**1004**	**916**	**1115**	**1006**	**958**	**1193**	**1133**	**1168**	**1168**	**1075**	**968**	**1195**	**1284**	**1271**	**1224**	**1247**	**1312**	**1368**

Source: E,S &E Division, DA&FW

NA-Not Available

2.39: Kharif Oilseeds: State-wise Yield

Yield (Kg/hectare)

State	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Andaman And Nicoba	NA	NA	NA	NA	NA	NA	NA	NA	200	5000	191	400	1173	250	NA	561	571	573
Andhra Pradesh	570	397	1204	705	425	632	316	512	616	414	813	416	1198	468	1021	696	426	649
Arunachal Pradesh	878	878	1042	1160	971	1083	1204	1186	1071	747	789	1126	1125	1121	1126	1153	1154	1137
Assam	533	571	522	537	533	537	539	628	712	702	644	648	637	642	652	633	638	578
Bihar	951	932	943	939	1128	1016	1063	1092	979	1070	1050	1070	1045	1060	801	529	776	972
Chhattisgarh	521	623	615	572	710	824	608	836	685	634	523	649	500	617	833	656	754	821
Dadra And Nagar Hav	1000	1000	1000	NA	680	750	704	604	667	571	NA	347	588	590	423	NA	NA	NA
Goa	1333	2000	2000	1500	2102	2800	2833	2540	2436	2028	2042	2557	2325	2370	2764	1750	1750	2091
Gujarat	1543	779	1610	1351	1049	1699	1607	1013	2309	1962	1628	1725	2159	1425	2344	1825	2078	2361
Haryana	804	844	1079	762	648	691	750	1467	1570	2125	751	926	1017	809	998	924	926	959
Himachal Pradesh	511	489	581	610	248	536	559	559	615	615	591	494	1427	1215	1217	404	396	406
Jammu And Kashmir	462	429	419	426	439	441	439	436	442	413	410	508	407	409	409	402	402	378
Jharkhand	287	220	597	707	611	599	861	905	963	842	700	864	845	778	923	911	979	999
Karnataka	569	439	682	548	469	783	661	635	862	685	579	592	843	843	1012	1026	921	1018
Kerala	667	889	706	696	625	1037	1250	1044	800	1041	1049	1052	900	613	627	336	358	1377
Madhya Pradesh	1020	962	1037	1096	1150	1159	1080	1250	836	1115	826	1180	1026	1222	796	673	997	1003
Maharashtra	981	1031	1368	878	730	1490	1266	1379	1310	670	572	1178	1024	1104	1142	1431	1186	1332
Manipur	6000	6000	444	1000	1000	754	866	169	850	850	838	857	907	899	869	880	669	864
Meghalaya	731	692	704	670	763	780	1004	764	1274	1365	1402	1331	1347	1351	1354	1359	1366	1891
Mizoram	1222	972	206	815	1167	1268	971	1142	1154	1137	1181	1164	1139	1316	1248	1289	1165	1093
Nagaland	1106	1099	1041	1337	966	1156	1160	1158	1160	1159	1158	1161	1163	1163	1160	1168	1065	1165
Odisha	402	423	443	462	440	481	450	511	519	483	432	514	472	471	493	496	648	742
Puducherry	1778	1778	1778	2000	1636	1684	1231	1840	1907	2340	2247	2471	2467	2456	1924	848	926	2414
Punjab	463	504	478	482	582	785	714	691	704	656	614	810	838	801	1025	983	890	959
Rajasthan	972	1050	1224	925	798	1235	1306	1228	1019	1220	1067	1265	1335	1430	1093	1388	1217	1465
Sikkim	825	825	889	846	1025	881	897	935	946	948	973	975	975	976	976	976	976	976
Tamil Nadu	1340	1251	1263	1454	1482	1643	1929	1677	1841	1921	1875	1390	2082	1839	2081	1864	1968	2007
Telangana	NA	NA	NA	NA	NA	1056	1040	1254	1231	982	919	1124	1513	1479	1691	1354	1580	1627
Tripura	583	600	591	647	638	682	620	108	646	665	648	689	677	730	744	778	723	735
Uttar Pradesh	555	349	284	321	240	380	415	392	347	393	368	360	479	432	350	532	434	438
Uttarakhand	1059	1024	1268	1357	1500	1242	1297	1663	1326	1173	1216	1000	1066	936	962	1103	1170	1095
West Bengal	837	922	908	661	821	914	914	955	965	946	937	929	943	959	522	753	983	1273
All India	**966**	**836**	**1155**	**962**	**875**	**1203**	**1123**	**1135**	**1151**	**1056**	**884**	**1153**	**1219**	**1168**	**1154**	**1133**	**1214**	**1326**

Source: E,S &E Division, DA&FW
NA-Not Available

2.40: Rabi Oilseeds: State-wise Yield

Yield (Kg/hectare)

State	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Andaman And Nicoba	NA	NA	NA	NA	NA	NA	NA	NA	778	NA	255	258	3000	1200	NA	200	NA	NA
Andhra Pradesh	1193	1235	1508	1286	1517	1276	1413	1395	1586	1733	1947	2361	2318	1842	2285	1789	1798	2245
Arunachal Pradesh	829	829	945	919	919	893	985	905	936	1014	1089	1019	1019	1019	1019	1025	1034	1038
Assam	458	488	523	542	525	579	559	609	606	668	697	643	639	642	617	646	644	782
Bihar	984	1037	982	1003	1037	1050	1045	1121	1194	1084	1059	1160	1213	1255	1175	1251	1127	1161
Chhattisgarh	284	319	350	326	371	345	407	425	508	501	428	372	353	372	378	482	468	478
Dadra And Nagar Hav	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	500	500	NA	500	NA	NA	NA
Delhi	763	1500	871	154	1256	1300	1251	1265	NA	NA	1260	1248	1260	1262	1261	1261	1300	1375
Goa	2500	1727	1875	2281	2981	2875	2458	2382	2564	1874	2146	2302	2243	2320	2500	2257	2040	1482
Gujarat	1552	1544	1662	1314	1617	1645	1612	1764	1696	1513	1621	1731	1814	1780	2050	2054	2028	1961
Haryana	1128	1351	1216	1735	1655	1868	1404	1721	1639	1432	1602	1845	2017	2056	1794	2028	1905	1702
Himachal Pradesh	274	471	385	260	278	505	585	500	458	521	498	485	524	528	557	812	800	804
Jammu And Kashmir	405	630	893	790	788	850	854	817	933	701	613	525	793	1149	897	657	786	880
Jharkhand	333	461	539	517	552	635	653	766	622	636	678	712	692	665	768	779	792	807
Karnataka	655	543	677	571	565	778	676	665	748	727	590	731	1003	756	1095	1055	993	1594
Kerala	NA	NA	NA	NA	NA	NA	909	1111	1209	2000	NA	NA	NA	1227	1250	1233	1257	1422
Ladakh	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	154
Madhya Pradesh	955	912	833	936	990	1031	1024	1092	1031	936	977	1159	1171	1436	1490	1687	1347	1484
Maharashtra	677	662	739	691	683	705	720	634	758	706	736	862	812	677	1226	1144	1063	515
Manipur	NA	NA	417	500	500	779	764	850	837	867	849	858	865	849	840	857	670	745
Meghalaya	667	667	658	678	678	677	678	669	934	952	964	931	932	933	933	934	937	938
Mizoram	833	600	1000	600	750	750	944	690	1100	1000	934	1003	1002	777	714	731	614	729
Nagaland	756	729	760	959	784	942	946	953	954	954	954	955	954	953	953	959	986	1000
Odisha	835	762	842	809	848	902	1006	950	1071	956	925	984	922	1007	1108	1509	1211	406
Puducherry	NA	NA	NA	NA	NA	NA	1027	2486	NA	1333	3000	2800	3000	3231	3000	3000	2994	2953
Punjab	1236	1260	1478	1456	1500	1432	1465	1451	1415	1359	1425	1451	1552	1582	1528	1614	1582	1608
Rajasthan	1205	1185	946	1234	1277	1188	1190	1345	1233	1170	1286	1418	1601	1707	1366	1674	1715	1466
Sikkim	661	661	860	707	914	792	801	799	830	832	852	866	875	876	878	878	878	878
Tamil Nadu	2073	3466	2835	2539	2994	3226	3645	3040	3514	3338	3171	3049	3776	3392	3657	3115	3785	3147
Telangana	NA	NA	NA	NA	NA	1752	1475	1681	1644	1848	1554	2020	2179	2416	2314	2324	2102	2109
Tripura	806	842	778	778	799	783	864	874	875	850	846	911	879	899	920	932	933	921
Uttar Pradesh	1105	1024	1064	1076	1090	1123	1107	1228	1085	919	1005	1214	1363	1452	1241	1406	1341	1463
Uttarakhand	667	563	643	714	800	803	867	921	739	716	979	846	794	939	967	878	833	940
West Bengal	988	916	1035	899	1161	1100	1025	1249	1275	1252	1265	1242	1289	1361	1270	1362	1356	1244
All India	**1067**	**1053**	**1033**	**1096**	**1145**	**1174**	**1155**	**1244**	**1206**	**1122**	**1186**	**1300**	**1436**	**1531**	**1397**	**1547**	**1522**	**1446**

Source: E,S &E Division, DA&FW

NA-Not Available

2.41: Groundnut: State-wise Yield

Yield (Kg/hectare)

State	Season	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(18)	(19)
Andaman And Nicc	Kharif	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1500	NA	NA	NA	550	545	600
Andhra Pradesh	Kharif	565	301	1357	694	385	651	344	518	627	410	877	419	1291	484	1095	724	437	661
	Rabi	1739	1806	1925	1928	2128	2277	2221	2090	2218	2329	2183	2650	2435	2122	2439	1895	1962	2807
	Total	728	557	1451	880	773	776	513	674	749	564	1034	595	1426	618	1284	891	626	1011
Arunachal Pradesh	Kharif	NA	NA	NA	1000	800	730	882	3167	949	1000	1037	977	980	981	981	990	993	939
Bihar	Kharif	556	556	500	529	1750	1000	1025	1026	1022	1035	1018	1015	1019	1020	1020	1021	1021	1021
Chhattisgarh	Kharif	1078	1142	1256	1352	1353	1462	1320	1379	1457	1412	1231	1841	1645	1338	1524	1524	1725	1499
Dadra And Nagar H	Kharif	NA	NA	NA	NA	NA	NA	1000	NA	NA	NA	NA	NA	1500	NA	1500	NA	NA	NA
Goa	Kharif	1333	2000	2000	1500	2102	2800	2833	2540	2436	2028	2042	2557	2325	2370	2764	1750	1750	2091
	Rabi	2500	1727	1875	2281	2981	2875	2458	2382	2564	1874	2146	2302	2243	2320	2500	2257	2040	1482
	Total	2394	1769	1892	2158	2807	2862	2500	2409	2544	1899	2126	2352	2258	2345	2503	2230	2025	1582
Gujarat	Kharif	1707	725	1781	1368	929	1868	1563	498	2716	2168	1654	1795	2361	1368	2764	1899	2262	2579
	Rabi	2225	2000	1724	1830	1908	1801	1914	2288	1789	1818	1655	1794	1842	2156	2393	2328	2162	NA
	Total	1734	809	1777	1395	964	1864	1612	590	2668	2154	1654	1795	2345	1382	2751	1911	2259	2570
Haryana	Kharif	733	840	813	750	1000	1000	967	1143	1107	1135	1000	1000	1202	900	1201	1020	1044	1066
Himachal Pradesh	Kharif	NA	1000	1000	1000	670	742	917	909	600	600	NA	1020	1028	1030	1160	955	957	950
Jammu And Kashn	Kharif	NA	NA	NA	NA	NA	NA	NA	NA	643	NA	NA	NA	NA	NA	NA	NA	NA	NA
Jharkhand	Kharif	NA	NA	698	836	756	914	1196	1170	1194	1013	830	1049	1111	1032	1103	1098	1154	1167
Karnataka	Kharif	590	434	784	545	565	853	650	560	844	729	675	499	886	720	941	941	740	812
	Rabi	924	760	906	788	804	952	917	913	912	874	738	1012	1190	868	1198	1131	1084	2180
	Total	645	497	807	589	626	875	716	671	863	768	693	629	980	759	998	999	846	1248
Kerala	Kharif	727	1000	759	765	763	1267	1346	1274	1250	1426	1379	1411	1394	1261	1258	1291	1315	1387
	Rabi	NA	NA	NA	NA	NA	NA	909	1111	1209	2000	NA	NA	NA	1227	1255	1250	1323	1585
	Total	727	1000	759	765	763	1267	1318	1272	1225	1438	1379	1411	1394	1247	1256	1270	1319	1540
Madhya Pradesh	Kharif	1126	948	940	1140	1158	1496	1618	1515	1567	1602	1405	1482	1550	1849	1587	1791	1724	1916
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1833	1809	1570	1456	1456	NA
	Total	1126	948	940	1140	1158	1496	1618	1515	1567	1602	1405	1482	1558	1848	1587	1786	1722	1912
Maharashtra	Kharif	831	743	1112	1016	1015	1258	1080	992	1213	1037	969	1221	1148	936	866	1197	1161	1189
	Rabi	1429	1355	1413	1516	1557	1390	1446	1531	1366	1518	1376	1113	1349	1308	1687	1647	1502	NA
	Total	958	889	1168	1116	1118	1289	1158	1056	1248	1159	1081	1184	1183	977	1063	1318	1255	1278
Manipur	Kharif	NA	NA	NA	NA	NA	612	727	NA	805	819	NA	NA	NA	NA	868	889	667	NA
	Rabi	NA	NA	NA	NA	NA	NA	NA	2400	NA	NA	879	888	941	931	NA	NA	NA	NA
	Total	NA	NA	NA	NA	NA	612	727	2400	805	819	879	888	941	931	868	889	667	863
Nagaland	Kharif	1000	1000	1100	1000	786	1000	1013	1012	1023	1023	1034	1032	1041	1040	1048	1066	966	1043
Odisha	Kharif	835	904	982	980	968	977	830	1070	1112	1030	837	998	950	1074	1241	1490	1656	1709
	Rabi	1414	1292	1376	1279	1334	1362	1486	1345	1704	1471	1242	1533	1308	1453	1610	2208	2136	NA
	Total	1171	1113	1219	1156	1169	1176	1189	1231	1449	1268	1097	1229	1134	1277	1471	2023	1901	1881
Puducherry	Kharif	1938	1938	1875	2286	2103	1962	1406	2112	2486	3000	2984	3000	3000	3197	3000	3000	2500	2519
	Rabi	NA	NA	NA	NA	NA	NA	1027	2486	NA	1333	3000	2800	3000	3231	3000	3000	2994	3000
	Total	1938	1938	1875	2286	2103	1962	1364	2150	2486	2861	2987	2968	3000	3199	3000	3000	2988	2951
Punjab	Kharif	882	864	871	926	1240	1773	1500	1765	1846	1857	1900	1917	1950	1980	1980	1980	1985	1717
Rajasthan	Kharif	1549	1310	1728	1670	1087	1963	1931	1549	1950	2019	2029	2051	1966	2056	2195	2259	2132	2404
	Rabi	NA	NA	NA	NA	NA	NA	1370	1286	NA	NA	NA	NA	NA	1583	1562	1558	NA	NA
	Total	1549	1310	1728	1670	1087	1963	1926	1549	1950	2019	2029	2051	1966	2053	2191	2256	2132	2400
Tamil Nadu	Kharif	1526	1329	1417	1674	1728	1881	2202	1890	2213	2340	2175	1567	2460	2169	2479	2133	2274	2116
	Rabi	2103	3729	3078	2622	3104	3331	3751	3149	3628	3442	3293	3232	3917	3491	3742	3227	3903	3491
	Total	1775	1981	1957	1989	2155	2323	2751	2315	2721	2753	2574	2084	3078	2717	2980	2502	2812	2598
Tripura	Kharif	1000	1000	1000	1000	1081	1333	1091	1091	1077	1080	1146	1310	1198	1328	1334	1435	1363	1455
	Rabi	667	1000	1000	1000	1040	1000	1297	1315	1257	1280	1160	1584	1231	1438	1509	1495	1513	1507
	Total	889	1000	1000	1000	1062	1167	1220	1229	1180	1180	1154	1459	1215	1376	1420	1468	1449	1492
Uttar Pradesh	Kharif	851	730	598	705	670	988	1000	1000	896	857	670	904	1013	994	942	1209	1139	1168
	Total	851	730	598	705	670	988	1000	1000	896	857	670	904	1013	994	942	1209	1139	1168
Uttarakhand	Kharif	1000	2000	1000	2000	2000	1091	1000	1163	1176	1103	1415	1000	1377	1038	1089	1852	1511	1629
West Bengal	Kharif	933	1000	909	958	916	857	864	1000	917	925	902	964	960	984	1120	1242	1307	1532
	Rabi	1727	1744	1968	1763	1742	1690	1969	2585	2627	2362	2290	2318	2394	2899	2264	2462	2638	1954
	Total	1703	1713	1918	1735	1716	1661	1939	2526	2544	2324	2255	2279	2343	2788	2198	2363	2544	2561
All India	**Kharif**	**1097**	**689**	**1386**	**1063**	**835**	**1335**	**1188**	**811**	**1735**	**1478**	**1399**	**1321**	**1834**	**1304**	**2016**	**1649**	**1717**	**2009**
	Rabi	**1702**	**1880**	**1857**	**1764**	**1830**	**1846**	**1938**	**1908**	**1926**	**1948**	**1801**	**1861**	**2222**	**2238**	**2352**	**2034**	**2147**	**2619**
	Total	**1187**	**866**	**1459**	**1163**	**991**	**1411**	**1323**	**995**	**1764**	**1552**	**1465**	**1398**	**1893**	**1422**	**2063**	**1703**	**1777**	**2075**

Source: E,S &E Division, DA&FW
NA-Not Available

2.42: Rapeseed & Mustard: State-wise Yield

Yield (Kg/hectare)

State	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Andaman And Nicob	NA	NA	NA	NA	NA	NA	NA	NA	778	NA	255	258	3000	1200	NA	200	NA	NA
Andhra Pradesh	333	600	500	667	500	572	667	500	600	500	1000	400	457	345	485	641	645	742
Arunachal Pradesh	829	829	945	919	919	893	985	905	936	1016	1089	1019	1019	1019	1019	1029	1034	1038
Assam	456	487	523	543	525	581	560	610	605	667	698	644	639	643	617	647	644	788
Bihar	926	1029	947	959	1008	1028	1029	1132	1245	1100	1053	1180	1245	1290	1187	1271	1125	1175
Chhattisgarh	330	399	402	379	419	407	436	514	557	575	517	388	415	419	416	517	514	520
Dadra And Nagar Ha	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	500	500	NA	500	NA	NA	NA
Delhi	763	1500	871	154	1256	1300	1251	1265	NA	NA	1260	1248	1260	1262	1261	1261	1300	1375
Gujarat	1349	1396	1635	1136	1579	1565	1572	1695	1723	1422	1611	1711	1808	1784	1932	1976	1995	1966
Haryana	1117	1343	1198	1738	1655	1869	1396	1721	1639	1432	1594	1853	2018	2058	1793	2028	1914	1701
Himachal Pradesh	292	506	409	270	287	532	619	520	483	543	517	506	546	550	570	817	808	810
Jammu And Kashmir	406	649	892	791	788	851	851	817	935	700	612	526	793	1149	899	657	785	879
Jharkhand	NA	496	619	541	578	653	670	783	629	625	698	728	715	695	794	798	819	834
Karnataka	400	250	250	400	400	500	250	500	333	500	150	200	168	202	NA	209	225	NA
Kerala	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1000	1000
Ladakh	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	154
Madhya Pradesh	1047	999	927	1034	1074	1148	1108	1172	1108	1006	1079	1299	1305	1471	1538	1745	1379	1540
Maharashtra	308	357	444	333	333	375	308	222	400	200	300	358	286	367	330	360	348	317
Manipur	NA	NA	417	500	500	779	764	839	837	867	846	855	856	840	840	857	670	745
Meghalaya	667	667	658	681	680	681	680	672	938	956	967	934	935	936	936	937	940	940
Mizoram	833	600	1000	600	750	750	944	690	1100	1000	934	1003	1002	777	714	731	614	729
Nagaland	800	753	782	1000	800	1000	1005	1009	1010	1012	1011	1013	1012	1012	1012	1020	1037	1060
Odisha	190	171	201	182	211	208	212	275	269	244	205	345	326	275	293	280	323	350
Punjab	1102	1122	1179	1222	1300	1323	1276	1281	1306	1248	1348	1413	1498	1524	1482	1595	1579	1604
Rajasthan	1205	1185	946	1234	1276	1188	1189	1346	1233	1170	1287	1422	1602	1709	1366	1675	1716	1468
Sikkim	661	661	860	707	914	792	801	799	830	832	852	866	875	876	878	878	878	878
Tamil Nadu	200	333	333	333	333	233	229	230	241	233	229	200	232	232	233	233	233	233
Telangana	NA	NA	NA	NA	NA	210	NA	NA	NA	2000	2000	1667	1594	1940	1706	1210	922	1316
Tripura	821	824	733	750	767	750	789	799	824	831	805	825	830	831	845	849	841	848
Uttar Pradesh	1149	1057	1157	1123	1113	1187	1136	1263	1113	930	1017	1245	1392	1483	1260	1438	1368	1497
Uttarakhand	667	563	643	714	800	803	867	933	739	716	979	846	794	939	967	878	833	940
West Bengal	909	803	888	764	1080	1021	908	1062	1066	1069	1090	1077	1175	1212	1167	1250	1218	1243
All India	**1117**	**1095**	**1001**	**1143**	**1183**	**1185**	**1121**	**1262**	**1185**	**1083**	**1183**	**1304**	**1410**	**1511**	**1331**	**1524**	**1497**	**1428**

Source: E,S &E Division, DA&FW
NA-Not Available

2.43: Linseed: State-wise Yield

Yield (Kg/hectare)

State	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Andhra Pradesh	250	333	NA	NA	NA	NA	NA	NA	480	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arunachal Pradesh	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1500	1465	NA	1477	NA	NA	NA
Assam	500	500	500	514	517	521	520	568	643	703	633	608	613	608	622	615	622	619
Bihar	895	850	845	846	846	889	865	867	850	861	859	833	851	849	845	848	847	854
Chhattisgarh	248	250	307	272	300	260	372	285	424	397	292	344	248	260	284	384	316	356
Himachal Pradesh	100	267	250	143	225	273	286	327	255	243	295	295	299	300	420	493	271	407
Jammu And Kashm	400	426	1000	500	578	798	1157	582	500	923	878	369	484	1111	NA	648	2366	2478
Jharkhand	333	389	389	454	427	516	531	645	568	709	534	612	570	491	584	605	592	591
Karnataka	308	333	357	357	333	364	222	333	333	400	293	333	363	217	513	449	357	338
Madhya Pradesh	412	411	314	382	436	338	474	523	498	541	474	504	531	712	867	783	689	745
Maharashtra	277	235	279	211	250	256	258	296	258	208	250	239	293	380	353	321	420	377
Meghalaya	NA	NA	NA	478	468	390	500	400	556	556	582	556	591	596	600	600	600	600
Nagaland	600	648	667	769	689	807	807	807	803	808	808	811	813	814	814	813	790	771
Odisha	420	422	438	441	451	459	471	482	478	478	477	480	485	483	496	488	488	492
Rajasthan	833	833	857	1432	2006	1235	1066	962	1351	1285	1013	1114	1012	1009	964	1066	1270	1072
Tripura	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	700	700	774	NA	NA	NA	NA
Uttar Pradesh	414	373	251	450	441	453	452	433	385	600	460	531	602	631	688	560	608	716
Uttarakhand	NA	NA	NA	NA	NA	NA	NA	469	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
West Bengal	284	240	271	239	295	341	359	349	200	364	388	370	417	446	517	267	372	391
All India	**395**	**385**	**349**	**415**	**449**	**408**	**473**	**502**	**484**	**541**	**477**	**567**	**533**	**574**	**671**	**637**	**642**	**698**

Source: E,S &E Division, DA&FW

NA-Not Available

2.44: Safflower: State-wise Yield

Yield (Kg/hectare)

State	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Andhra Pradesh	471	643	750	462	429	1000	NA	NA	750	1000	NA	NA	NA	NA	490	490	664	571
Arunachal Prades	NA	NA	NA	NA	NA	NA	NA	NA	NA	533	NA	982	973	NA	973	833	NA	NA
Bihar	1000	500	1000	1000	769	857	821	800	805	800	802	813	818	811	812	813	814	821
Chhattisgarh	273	286	222	200	333	333	286	200	333	200	300	286	297	406	409	408	333	330
Gujarat	NA	NA	NA	1000	857	NA	583	588	600	NA	NA	NA	NA	NA	NA	NA	NA	NA
Jharkhand	NA	333	400	478	335	401	401	500	523	793	NA	524	554	583	491	622	359	489
Karnataka	741	753	814	795	735	836	636	625	791	818	563	688	818	617	972	665	809	897
Kerala	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Madhya Pradesh	300	333	250	250	286	250	NA	NA	500	724	500	500	1000	NA	NA	NA	NA	NA
Maharashtra	605	606	667	565	580	543	545	552	570	343	228	691	548	475	691	569	691	715
Odisha	615	583	615	583	581	600	581	612	602	656	590	600	608	600	600	625	619	630
Telangana	NA	NA	NA	NA	NA	667	700	825	NA	750	750	750	567	605	1105	931	987	900
West Bengal	NA	NA	NA	NA	915	838	858	1000	1000	1000	1000	882	1000	700	NA	620	600	600
All India	**627**	**637**	**701**	**642**	**621**	**617**	**580**	**591**	**638**	**515**	**416**	**651**	**673**	**537**	**843**	**640**	**777**	**826**

Source: E,S &E Division, DA&FW

NA-Not Available

2.45: Sunflower: State-wise Yield

Yield (Kg/hectare)

State	Season	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(18)	(19)
Andhra Pradesh	Kharif	351	406	629	640	380	737	605	765	779	545	714	667	738	557	698	575	498	688
	Rabi	805	871	1174	815	911	623	765	608	870	872	900	1250	1544	731	1012	715	693	994
	Total	671	738	1026	778	771	645	747	632	850	800	852	1000	1275	691	942	692	605	834
Arunachal Prades	Kharif	NA	NA	NA	500	723	500	524	533	750	500	549	802	816	817	817	833	835	836
Bihar	Kharif	1194	1233	1200	1200	1278	1280	1345	1348	1289	1347	1323	1287	1291	1343	1280	1312	1307	1404
	Rabi	1374	1347	1365	1429	1431	1471	1450	1454	1446	1310	1440	1463	1448	1448	1449	1446	1439	1492
	Total	1345	1332	1335	1388	1404	1441	1439	1441	1411	1316	1421	1428	1429	1430	1421	1425	1422	1419
Chhattisgarh	Kharif	366	600	600	563	429	257	556	300	500	NA	500	500	NA	628	NA	702	533	528
Haryana	Kharif	NA	NA	NA	NA	NA	NA	NA	1733	2400	2767	NA	NA	NA	NA	NA	NA	NA	NA
	Rabi	1667	1667	1583	1650	1667	1800	1800	NA	NA	NA	2056	1393	1886	1905	1846	2004	1393	1746
	Total	1667	1667	1583	1650	1667	1800	1800	1733	2400	2767	2056	1393	1886	1905	1846	2004	1393	1746
Jharkhand	Kharif	NA	125	NA	667	459	NA	457	825	696	522	712	544	700	552	523	580	676	601
	Rabi	NA	286	444	684	743	663	678	800	524	500	466	502	518	459	547	606	500	625
	Total	NA	200	364	682	675	663	653	814	585	507	498	522	553	490	540	595	560	614
Karnataka	Kharif	504	365	547	505	342	603	518	507	583	555	408	582	612	896	796	863	846	978
	Rabi	593	472	595	488	422	637	505	528	626	594	490	233	629	531	821	956	830	865
	Total	552	420	571	496	383	621	512	520	607	577	459	445	618	772	802	898	841	955
Kerala	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1000	300	263	1000
Madhya Pradesh	Kharif	333	333	500	500	500	500	NA	NA	NA	NA	1000	1000	1000	NA	NA	NA	NA	NA
	Rabi	583	571	500	667	500	NA	NA	NA	NA	NA	NA	1000	1000	NA	NA	NA	NA	NA
	Total	533	500	500	600	500	500	NA	NA	NA	NA	1000	1000	1000	NA	NA	NA	NA	NA
Maharashtra	Kharif	532	529	580	523	419	507	548	400	588	313	111	280	483	193	352	454	431	433
	Rabi	602	558	741	634	572	647	611	465	649	460	276	768	512	186	624	501	768	597
	Total	580	548	680	587	521	601	583	436	620	402	213	594	501	190	436	466	590	498
Nagaland	Kharif	800	750	1000	667	600	1000	818	808	769	800	824	857	886	889	889	889	1127	905
	Rabi	1000	800	1100	NA	944	526	524	609	634	612	613	613	612	612	612	612	NA	NA
	Total	875	786	1050	667	910	571	554	632	649	636	641	646	649	649	649	649	1127	905
Odisha	Kharif	714	667	750	667	769	750	705	700	714	719	690	706	712	720	722	741	771	813
	Rabi	830	949	995	930	908	1054	1190	1196	1200	1202	1198	1200	1255	1258	1287	1360	1260	NA
	Total	821	932	984	919	904	1049	1181	1188	1193	1195	1189	1191	1245	1253	1266	1351	1245	1256
Punjab	Rabi	1612	1641	1900	1750	1787	1664	1857	1881	1738	1765	1797	1655	1840	1933	1859	1870	1680	1740
Rajasthan	Rabi	1000	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1685	NA	NA
Tamil Nadu	Kharif	1304	2710	2123	1017	1391	1214	1833	1343	1806	1514	1413	857	1944	1734	995	1734	1724	1596
	Rabi	1165	1284	1197	1606	1286	1113	1787	1366	1475	1361	951	226	795	577	898	474	764	778
	Total	1240	1828	1590	1329	1334	1151	1809	1357	1564	1409	1060	392	887	689	902	545	981	1050
Telangana	Kharif	NA	NA	NA	NA	NA	750	469	1000	990	1000	1000	1000	2119	NA	NA	NA	NA	NA
	Rabi	NA	NA	NA	NA	NA	1083	1045	1154	947	1412	1091	1800	2135	1960	2231	2342	1360	1865
	Total	NA	NA	NA	NA	NA	1036	995	1143	951	1389	1083	1667	2131	1960	2231	2342	1360	1865
Uttar Pradesh	Rabi	1278	1500	1615	1889	2286	2250	1500	1500	NA	1333	2000	1333	1442	1365	1382	1372	1342	NA
West Bengal	Rabi	1256	1292	1231	1089	1206	1123	1203	NA	1471	1467	1417	1312	1400	952	1221	1173	1218	NA
All India	**Kharif**	**496**	**425**	**607**	**540**	**378**	**608**	**566**	**622**	**668**	**660**	**421**	**567**	**627**	**766**	**731**	**785**	**802**	**933**
	Rabi	**692**	**661**	**870**	**696**	**700**	**748**	**783**	**674**	**808**	**777**	**698**	**737**	**924**	**874**	**1174**	**1187**	**1048**	**1061**
	Total	**615**	**567**	**765**	**639**	**576**	**701**	**706**	**655**	**755**	**734**	**609**	**660**	**782**	**826**	**931**	**1011**	**923**	**996**

Source: E,S &E Division, DA&FW
NA-Not Available

2.46: Soybean: State-wise Yield

Yield (Kg/ hectare)

State	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Andhra Pradesh	1949	1515	1966	1366	827	155	1990	2990	2645	2000	2000	1612	1889	1926	1747	1544	1547	1838
Arunachal Pradesh	947	947	1167	1433	1183	1346	1487	1518	1273	923	991	1420	1417	1417	1418	1426	1433	1419
Bihar	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	754	462	746	957
Chhattisgarh	900	997	1149	987	956	1170	753	1205	877	753	576	697	481	699	1105	734	635	973
Gujarat	853	510	382	699	805	810	786	1000	733	754	675	717	791	1276	1318	1357	1630	1682
Himachal Pradesh	1333	667	1833	1714	850	1333	1587	1429	1450	1446	1676	980	1677	1680	1710	799	769	790
Jharkhand	NA	48	333	333	329	200	329	1194	1099	808	931	579	798	747	858	747	880	802
Karnataka	534	718	858	679	446	875	901	1047	1233	738	543	745	913	1034	1183	1212	1147	1184
Kerala	NA	NA	NA	NA	NA	NA	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Madhya Pradesh	1058	1006	1091	1142	1198	1200	1108	1293	831	1139	831	1231	1062	1231	789	639	978	969
Maharashtra	1077	1147	1492	900	728	1582	1319	1451	1351	655	557	1194	1030	1132	1170	1460	1197	1343
Manipur	NA	NA	NA	NA	NA	927	1063	109	878	868	838	857	907	899	870	874	671	864
Meghalaya	1000	1000	909	1091	1109	1091	1694	1099	1820	1947	1982	1892	1898	1900	1906	1912	1922	1929
Mizoram	1929	1000	235	1100	1603	1929	1254	1411	1480	1413	1539	1574	1525	1731	1561	1585	1531	1190
Nagaland	1199	1200	1148	1498	1032	1246	1253	1252	1255	1254	1254	1257	1259	1260	1262	1265	1182	1248
Odisha	NA	NA	NA	NA	NA	NA	NA	654	615	660	NA	NA	NA	NA	NA	NA	NA	NA
Rajasthan	1150	1203	1343	971	1175	1461	1544	1412	829	1036	829	1072	1207	1254	469	969	801	1023
Sikkim	825	825	889	846	1025	881	897	935	946	948	973	975	975	976	976	976	976	976
Telangana	NA	NA	NA	NA	NA	1706	1610	1810	1607	1083	1037	1162	1624	1584	1808	1503	1731	1612
Tripura	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	880	732	762	748	NA	NA	NA
Uttar Pradesh	769	875	667	818	1143	1273	1222	1357	577	731	519	636	777	901	513	687	521	545
Uttarakhand	1154	1111	1462	1556	1636	1480	1500	1985	1479	1293	1332	1083	1190	1067	1111	1219	1380	1265
West Bengal	500	600	600	600	603	567	1226	833	699	700	708	732	750	803	779	848	798	817
All India	**1073**	**1063**	**1235**	**1041**	**1024**	**1326**	**1208**	**1353**	**1012**	**951**	**738**	**1177**	**1058**	**1192**	**921**	**976**	**1069**	**1145**

Source: E,S &E Division, DA&FW

NA-Not Available

2.47: Area and Production of Horticulture Crops

Area in '000 Hectares
Production in '000 MT

Crops	2019-20		2020-21		2021-22		2022-23*	
	Area	Production	Area	Production	Area	Production	Area	Production
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Fruits								
Almond	9	11	10	11	10	12	10	11
Aonla/Gooseberry	97	1164	100	1197	105	1278	105	1285
Apple	310	2814	313	2276	315	2589	315	2646
Banana	897	32597	924	33062	963	34528	938	35365
Ber	54	606	53	580	52	547	51	526
Citrus								
(i) Lime/Lemon	322	3687	327	3548	313	3776	307	3702
(ii) Mandarin (Orange)	454	6136	477	6219	454	6303	460	6134
(iii) Sweet Orange(Mosambi)	217	4040	217	3988	228	3895	226	3720
(iv) Others	81	704	77	489	103	782	104	694
Citrus Total (i to iv)	**1075**	**14568**	**1097**	**14245**	**1098**	**14757**	**1096**	**14250**
Custardapple	50	395	47	407	48	418	50	447
Grapes	150	3181	155	3358	163	3401	169	3714
Guava	292	4361	308	4582	354	5527	347	5274
Jackfruit	187	1739	188	1893	195	3301	193	3336
Kiwi	5	14	5	16	5	16	5	20
Litchi	97	726	98	720	99	737	100	743
Mango	2294	20317	2317	20386	2350	20772	2332	20928
Muskmelon	61	1368	75	1478	68	1498	66	1496
Papaya	142	5780	146	5540	150	5341	142	5122
Passion Fruit	12	56	11	70	11	56	11	56
Peach	19	119	18	111	19	121	19	122
Pear	43	290	42	276	44	309	45	319
Picanut	3	0	1	0	1	0	1	0
Pineapple	106	1732	106	1799	108	1851	109	1856
Plum	23	88	24	84	24	86	24	91
Pomegranate	283	3186	288	3271	270	3086	263	3215
Sapota	84	906	79	822	78	941	75	898
Strawberry	1	9	3	20	3	11	2	19
Walnut	108	286	109	281	104	289	104	289
Watermelon	116	3157	119	3254	120	3308	122	3521
Others	258	2610	294	2741	306	2726	313	2791
Total Fruits	**6774**	**102080**	**6930**	**102481**	**7064**	**107507**	**7009**	**108342**
Vegetables								
Beans	239	2269	261	2595	300	2726	288	2727
Bitterguard	107	1268	109	1330	110	1376	113	1419
Bottleguard	189	3106	193	3171	195	3210	200	3274
Brinjal	744	12682	749	12874	675	12765	677	12779
Cabbage	401	9272	412	9560	423	9825	430	9959
Capsicum	34	534	37	563	37	586	39	602
Carrot	105	1828	108	1885	134	2284	122	2374

contd.

Crops	2019-20		2020-21		2021-22		2022-23*	
	Area	Production	Area	Production	Area	Production	Area	Production
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Cauliflower	467	8941	473	9225	481	9566	490	9521
Cucumber	112	1656	117	1652	119	1694	121	1643
Chillies (Green)	387	4119	411	4363	427	4700	433	4583
Elephant Foot Yam	31	724	38	874	42	1040	39	1021
Mushroom		211		243		280	0	308
Okra/ Ladyfinger	521	6355	531	6466	550	6873	547	7149
Onion	1431	26091	1624	26641	1941	31687	1741	30205
Parmal(pointed gourd)	59	754	62	725	81	763	64	772
Peas	568	5848	567	5846	590	6182	591	6497
Potato	2051	48562	2203	56173	2226	56176	2352	60540
Radish	207	3184	207	3263	205	3214	201	3098
Sitaphal/Pumpkin/Kaddu	104	2183	106	2205	111	2364	112	2400
Sweet Potato	108	1141	106	1121	107	1184	111	1273
Tapioca	173	6060	183	6941	172	6213	168	6073
Tomato	818	20550	845	21181	843	20694	849	20402
Others	1453	20945	1517	21550	1607	23740	1672	24287
Total Vegetables	**10310**	**188284**	**10859**	**200445**	**11374**	**209143**	**11358**	**212908**
Aromatic & Medicinal	**641**	**734**	**653**	**825**	**668**	**664**	**739**	**644**
Flowers Cut		676		828		615		784
Flowers Loose	323	2323	322	2152	282	2199	272	2070
Total Flowers	**323**	**3000**	**322**	**2980**	**282**	**2813**	**272**	**2854**
Honey		**120**		**125**		**133**		**142**
Plantation Crops								
Arecanut	747	1382	794	1563	849	1666	934	1469
Cashewnut	1125	703	1159	738	1184	752	1192	782
Cocoa	98	26	103	27	106	28	109	30
Coconut	2173	14006	2199	14301	2154	13317	2206	13764
Total Plantation	**4143**	**16116**	**4255**	**16629**	**4293**	**15764**	**4441**	**16045**
Spices								
Ajwain	41	29	42	36	38	40	43	38
Cardamom	85	21	85	34	86	37	86	35
Chillies (Dried)	626	1835	702	2049	882	1836	850	2060
Cinnamon/Tejpata	3	8	2	5	2	4	3	6
Celery, Dill & Poppy	33	35	25	31	23	29	32	44
Clove	2	1	2	1	2	1	2	1
Coriander	529	701	656	891	553	735	711	948
Cumin	1276	912	1087	795	869	556	714	462
Fenugreek	126	182	156	241	169	252	145	228
Fennel	83	140	83	137	65	115	89	152
Garlic	352	2925	392	3190	431	3523	389	3256
Ginger	178	1868	205	2225	210	2503	188	2304
Nutmeg	24	16	24	16	23	18	24	16
Pepper	259	104	309	141	284	95	305	90
Vanilla	0	0	0	0	0	0	0	0
Saffron	4	0	4	0	3	0	4	0
Tamarind	44	165	42	156	40	152	44	164
Turmeric	296	1153	293	1124	333	1222	324	1130
Curry Leaf							1	16
Mint (Mentha)	328	44	347	46	346	35	347	35
Total Spices	**4291**	**10137**	**4457**	**11117**	**4360**	**11155**	**4300**	**10986**
Total	**26482**	**320471**	**27476**	**334603**	**28042**	**347179**	**28120**	**351921**

Source : Department of Agriculture & Farmers Welfare

* Figures are as per 2nd Advance Estimates

2.48: State-wise Area and Production of various Hortcultural Crops during the Year 2022-23 (3rd Advance Estimates)

Area in '000 Ha
Production in '000 MT

State/UTs	Fruits		Vegetables		Plantation		Aromatics & Medicinal		Flowers			Spices		Honey	Total	
	Area	Prod.	Area	Prod.	Area	Production	Area	Prod.	Area	Production		Area	Prod.	Prod.	Area	Prod.
										Loose	Cut					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
Andhra Pradesh	788.39	18161.30	222.99	7177.98	351.20	1328.91	3.37	11.37	14.58	113.26	17.55	304.60	880.74	2.10	**1685.14**	**27693.21**
Arunachal Pradesh	30.09	138.16	2.62	17.41	0.89	3.89	0.24	0.16	0.00	0.00	0.00	12.22	25.19	0.20	**46.06**	**185.01**
Assam	164.59	2608.47	304.10	3703.40	91.72	163.85	4.62	0.18	5.33	35.67	59.48	101.33	324.10	1.60	**671.68**	**6896.75**
Bihar	366.94	5048.28	913.45	18029.86	12.16	54.06	4.85	22.49	1.25	11.40	0.19	8.83	14.07	17.50	**1307.47**	**23197.86**
Chhattisgarh	222.54	2591.69	490.39	6653.73	34.24	32.36	6.51	45.57	13.43	62.83	99.30	9.38	12.99	1.20	**776.49**	**9499.67**
Gujarat	432.52	8260.78	800.52	15924.69	37.44	153.65	0.00	0.00	20.57	194.83	0.00	644.06	1107.65	0.91	**1935.11**	**25642.51**
Haryana	69.14	1010.49	342.54	5378.24	0.00	0.00	0.17	2.18	1.61	17.12	0.77	10.20	60.61	5.60	**423.66**	**6475.00**
Himachal Pradesh	235.79	829.95	92.30	1816.77	0.00	0.00	1.12	0.91	0.38	1.55	11.24	11.11	31.20	6.40	**340.69**	**2698.02**
Jammu & Kashmir	337.91	2424.61	83.67	1995.25	0.00	0.00	3.83	0.01	0.10	0.15	0.67	4.93	1.13	3.05	**430.44**	**4424.88**
Jharkhand	111.36	1231.57	305.29	4227.49	15.58	6.60	0.40	4.25	2.10	4.10	2.53	5.38	98.37	1.82	**440.10**	**5576.72**
Karnataka	354.27	6762.94	412.11	6964.07	1470.04	4945.54	1.57	6.74	36.68	273.65	66.03	380.50	762.54	2.45	**2655.17**	**19783.95**
Kerala	293.83	3115.56	103.61	3118.76	985.71	4042.99	0.01	0.00	0.24	0.27	0.08	155.04	169.01	2.25	**1538.44**	**10448.92**
Madhya Pradesh	441.28	9195.06	1223.44	23965.46	0.00	0.00	46.44	122.15	38.68	444.41	0.00	738.65	3561.38	2.75	**2488.49**	**37291.21**
Maharashtra	830.49	13487.90	1043.58	15433.32	225.07	366.87	0.84	1.87	10.51	59.15	93.71	116.48	537.04	2.10	**2226.96**	**29981.96**
Manipur	43.12	468.16	38.35	376.58	0.90	0.33	0.04	0.12	0.07	0.01	0.17	9.03	67.34	0.50	**91.51**	**913.21**
Meghalaya	39.58	395.09	51.07	539.03	27.00	34.40	0.00	0.00	12.47	0.00	0.35	15.47	74.64	0.32	**145.59**	**1043.82**
Mizoram	67.69	345.36	40.67	224.64	21.45	33.64	0.77	0.78	0.08	0.00	0.80	27.76	100.91	0.40	**158.42**	**706.53**
Nagaland	35.40	344.97	42.28	473.66	3.30	8.52	0.08	0.67	0.04	0.04	0.24	11.79	46.34	0.80	**92.89**	**875.24**
Odisha	367.73	2788.96	702.69	9780.42	276.27	400.33	1.92	0.61	5.69	32.09	33.70	155.23	440.32	1.82	**1509.53**	**13478.25**
Punjab	109.88	2412.26	316.58	6509.00	0.00	0.00	13.37	3.02	2.32	14.45	0.00	34.86	133.42	20.00	**477.01**	**9092.15**
Rajasthan	88.62	941.00	197.37	2396.33	0.00	0.00	499.16	256.98	3.66	8.57	0.00	716.72	842.10	13.00	**1505.54**	**4457.97**
Sikkim	27.31	67.64	25.71	142.92	0.00	0.00	0.00	0.00	0.24	16.50	0.09	42.58	103.30	0.65	**95.85**	**331.09**
Tamil Nadu	332.68	7406.12	365.43	9185.22	691.40	3830.46	14.65	147.13	43.91	583.18	0.00	114.82	195.83	2.50	**1562.89**	**21350.45**
Telangana	164.14	1856.25	55.26	1135.73	1.24	12.98	0.22	2.87	3.28	62.86	2.85	148.66	698.10	1.00	**372.81**	**3772.64**
Tripura	56.90	592.02	53.20	1122.54	16.21	35.82	0.00	0.00	0.00	0.00	0.00	7.64	30.77	0.25	**133.95**	**1781.40**
Uttar Pradesh	506.59	11161.44	1406.68	34559.90	0.00	0.00	135.04	13.53	22.99	50.09	70.66	432.79	324.90	24.30	**2504.08**	**46204.82**
Uttarakhand	181.07	648.90	99.92	1043.65	0.00	0.00	0.00	0.00	1.61	3.02	11.36	14.43	74.54	3.22	**297.04**	**1784.69**
West Bengal	292.10	3939.81	1586.93	30533.57	59.10	328.13	0.00	0.00	30.48	80.06	312.24	63.87	265.42	23.00	**2032.48**	**35482.24**
Others	16.75	107.43	35.60	478.27	119.88	261.99	0.00	0.00	0.15	0.47	0.02	1.68	2.24	0.31	**174.06**	**850.73**
Total	**7008.70**	**108342.17**	**11358.35**	**212907.89**	**4440.80**	**16045.33**	**739.20**	**643.57**	**272.47**	**2069.73**	**784.03**	**4300.04**	**10986.18**	**142.00**	**28119.55**	**351920.90**

Source : Department of Agriculture & Farmers Welfare

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

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

Year	Area	Production	Yield
(1)	(2)	(3)	(4)
1950-51	0.24	1.66	6917
1951-52	0.25	1.71	6848
1952-53	0.26	1.99	7812
1953-54	0.26	1.96	7611
1954-55	0.27	1.76	6632
1955-56	0.28	1.86	6639
1956-57	0.29	1.72	6028
1957-58	0.32	2.00	6243
1958-59	0.34	2.35	6947
1959-60	0.36	2.73	7550
1960-61	0.38	2.72	7251
1961-62	0.37	2.45	6704
1962-63	0.41	3.37	8152
1963-64	0.42	2.59	6249
1964-65	0.43	3.61	8395
1965-66	0.48	4.08	8513
1966-67	0.47	3.52	7440
1967-68	0.50	4.23	8441
1968-69	0.52	4.73	9011
1969-70	0.50	3.91	7888
1970-71	0.48	4.81	9976
1971-72	0.49	4.83	9810
1972-73	0.51	4.45	8821
1973-74	0.54	4.86	8946
1974-75	0.59	6.23	10598
1975-76	0.62	7.31	11738
1976-77	0.62	7.17	11573
1977-78	0.67	8.14	12228
1978-79	0.81	10.13	12555
1979-80	0.69	8.33	12152
1980-81	0.73	9.67	13258
1981-82	0.76	9.91	12996
1982-83	0.74	9.96	13549
1983-84	0.79	12.15	15299
1984-85	0.85	12.57	14806
1985-86	0.84	10.42	12364
1986-87	0.83	12.74	15322
1987-88	0.89	14.05	15869
1988-89	0.93	14.86	15929
1989-90	0.94	14.77	15714
1990-91	0.94	15.21	16254
1991-92	1.03	16.39	15904
1992-93	1.05	15.23	14458
1993-94	1.05	17.39	16610
1994-95	1.07	17.40	16262
1995-96	1.11	18.84	16973
1996-97	1.25	24.22	19376
1997-98	1.21	17.65	14587
1998-99	1.32	23.61	17886
1999-00	1.34	24.71	18443
2000-01	1.22	22.49	18404
2001-02	1.21	23.92	19806
2002-03	1.35	23.27	17300
2003-04	1.29	23.06	17887
2004-05	1.32	23.63	17923
2005-06	1.40	23.91	17058
2006-07	1.48	22.18	14943
2007-08	1.55	28.47	18331
2008-09	1.83	34.39	18810
2009-10	1.84	36.58	19951
2010-11	1.86	42.34	22724
2011-12	1.91	41.48	21753
2012-13	1.99	45.34	22760
2013-14	1.97	41.56	21060
2014-15	2.08	48.01	23126
2015-16	2.12	43.42	20509
2016-17	2.18	48.60	22303
2017-18	2.14	51.31	23957
2018-19	2.17	50.19	23129
2019-20	2.05	48.56	23688
2020-21	2.20	56.17	25498
2021-22	2.23	56.18	25239
2022-23 (2nd Adv.Est.)	2.35	60.54	25744

Source : Department of Agriculture & Farmers Welfare

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

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

State/ UTs	2022-23(2nd Adv Est)					2021-22 (Final)				
	Area	% to All India	Production	% to All India	Yield	Area	% to All India	Production	% to All India	Yield
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Uttar Pradesh	694.10	30%	20126.00	33%	28996	646.00	29%	18727.00	33%	28989
West Bengal	500.00	21%	14508.56	24%	29017	447.45	20%	12403.13	22%	27720
Bihar	330.00	14%	9075.00	15%	27500	330.0	15%	9125.84	16%	27654
Madhya Pradesh	172.21	7%	3954.91	7%	22966	158.43	7%	3587.90	6%	22647
Gujarat	131.43	6%	4025.76	7%	30630	127.80	6%	3700.00	7%	28951
Punjab	114.00	5%	3156.00	5%	27684	110.00	5%	3050.00	5%	27727
Assam	103.64	4%	773.37	1%	7462	103.44	5%	761.84	1%	7365
Jharkhand	50.27	2%	755.59	1%	15031	48.81	2%	689.76	1%	14132
Chhattisgarh	42.76	2%	655.72	1%	15335	42.58	2%	653.80	1%	15355
Haryana	30.20	1%	818.91	1%	27120	29.54	1%	782.47	1%	26488
Others	183.02	8%	2690.34	4%	14700	181.70	8%	2694.01	5%	14827
All India	**2351.62**	**100%**	**60540.16**	**100%**	**25744**	**2225.75**	**100%**	**56175.75**	**100%**	**25239**

Source : Department of Agriculture & Farmers Welfare

Note: States have been arranged in descending order of percentage share in production during 2022-23(2nd AE)

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

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

Year	Area	Production	Yield
(1)	(2)	(3)	(4)
1978-79	0.21	2.20	10403
1979-80	0.24	2.50	10232
1980-81	0.25	2.50	9961
1981-82	0.25	2.65	10562
1982-83	0.24	2.43	10330
1983-84	0.27	2.70	9982
1984-85	0.28	3.10	11139
1985-86	0.28	2.86	10202
1986-87	0.26	2.53	9659
1987-88	0.27	2.70	9857
1988-89	0.32	3.35	10620
1989-90	0.30	3.07	10176
1990-91	0.30	3.23	10686
1991-92	0.32	3.58	11088
1992-93	0.32	3.49	10791
1993-94	0.37	4.01	10902
1994-95	0.38	4.04	10661
1995-96	0.40	4.08	10316
1996-97	0.40	4.18	10348
1997-98	0.40	3.62	9091
1998-99	0.47	5.33	11391
1999-00	0.49	4.90	9932
2000-01	0.42	4.55	10786
2001-02	0.45	4.83	10686
2002-03	0.42	4.21	9912
2003-04	0.50	5.92	11784
2004-05	0.55	6.43	11718
2005-06	0.66	8.68	13118
2006-07	0.70	8.89	12655
2007-08	0.70	9.14	12974
2008-09	0.83	13.48	16260
2009-10	0.76	12.16	16079
2010-11	1.06	15.12	14210
2011-12	1.09	17.51	16109
2012-13	1.05	16.81	15989
2013-14	1.20	19.40	16120
2014-15	1.17	18.93	16136
2015-16	1.32	20.93	15857
2016-17	1.31	22.43	17178
2017-18	1.28	23.26	18103
2018-19	1.22	22.82	18705
2019-20	1.43	26.09	18245
2020-21	1.62	26.64	16402
2021-22	1.94	31.69	16324
2022-23 (2nd Adv.Est.)	1.74	30.21	17354

Source : Department of Agriculture & Farmers Welfare

2.50 (b): Onion: Area, Production and Yield in Major Producing States

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

State/ UTs	2022-23(2nd Adv Est)					2021-22 (Final)				
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Maharashtra	808.72	46%	12033.04	40%	14879	945.57	49%	13668.71	43%	14456
Madhya Pradesh	213.75	12%	5262.05	17%	24618	196.67	10%	4740.60	15%	24104
Karnataka	188.74	11%	2665.33	9%	14122	231.84	12%	2779.50	9%	11989
Gujarat	80.28	5%	2046.52	7%	25493	99.56	5%	2554.70	8%	25660
Rajasthan	92.17	5%	1615.20	5%	17523	91.85	5%	1447.88	5%	15764
Bihar	57.14	3%	1344.41	4%	23527	58.00	3%	1375.00	4%	23707
Andhra Pradesh	40.73	2%	956.09	3%	23474	44.57	2%	722.85	2%	16218
West Bengal	44.17	3%	892.03	3%	20195	46.29	2%	896.14	3%	19359
Haryana	24.16	1%	537.78	2%	22261	24.12	1%	514.00	2%	21310
Tamil Nadu	43.98	3%	524.88	2%	11933	56.72	3%	608.08	2%	10721
Uttar Pradesh	30.27	2%	510.88	2%	16875	29.97	2%	508.85	2%	16979
Others	116.40	7%	1817.06	6%	15611	115.96	6%	1870.88	6%	16134
All India	**1740.51**	**100%**	**30205.26**	**100%**	**17354**	**1941.12**	**100%**	**31687.19**	**100%**	**16324**

Source : Department of Agriculture & Farmers Welfare

Note: States have been arranged in descending order of percentage share in production during 2022-23(2nd AE)

2.51 (a): Tomato: All-India Area, Production and Yield

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

Year	Area	Production	Yield
(1)	(2)	(3)	(4)
2005-06	546.93	9967.60	18.2
2006-07	596.23	10054.61	16.9
2007-08	566.30	10302.74	18.2
2008-09	599.11	11148.83	18.6
2009-10	634.39	12433.19	19.6
2010-11	864.92	16826.45	19.5
2011-12	907.05	18653.30	20.6
2012-13	879.63	18226.64	20.7
2013-14	882.03	18735.91	21.2
2014-15	767.32	16384.98	21.4
2015-16	773.88	18731.97	24.2
2016-17	796.86	20708.43	26.0
2017-18	789.15	19759.32	25.0
2018-19	781.01	19007.24	24.3
2019-20	817.78	20550.11	25.1
2020-21	844.60	21180.51	25.1
2021-22	842.75	20694.30	24.6
2022-23 (2nd Adv.Est.)	848.56	20401.97	24.0

Source : Department of Agriculture & Farmers Welfare

2.51 (b) : Tomato: Area, Production and Yield in Major Producing States

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

State/ UTs	2022-23(2nd Adv Est)					2021-22 (Final)				
	Area	% to All India	Production	% to All India	Yield	Area	% to All India	Production	% to All India	Yield
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Madhya Pradesh	113.77	13%	3249.82	16%	28.6	102.37	12%	2760.16	13%	27.0
Andhra Pradesh	54.16	6%	2337.66	11%	43.2	57.3	7%	2303.79	11%	40.2
Karnataka	68.34	8%	2198.04	11%	32.2	70.10	8%	2104.68	10%	30.0
Odisha	107.16	13%	1609.09	8%	15.0	75.10	9%	1145.02	6%	15.2
Gujarat	51.50	6%	1444.38	7%	28.0	67.75	8%	1961.54	9%	29.0
West Bengal	60.20	7%	1292.68	6%	21.5	59.72	7%	1258.77	6%	21.1
Tamil Nadu	41.53	5%	1249.74	6%	30.1	54.04	6%	1623.17	8%	30.0
Bihar	62.81	7%	1166.87	6%	18.6	53.00	6%	1007.00	5%	19.0
Maharashtra	57.00	7%	1105.76	5%	19.4	63.47	8%	1243.22	6%	19.6
Chhattisgarh	56.40	7%	856.11	4%	15.2	66.47	8%	1232.45	6%	18.5
Others	175.69	21%	3891.82	19%	22.2	173.47	21%	4054.50	20%	23.4
All India	**848.56**	100%	**20401.97**	100%	24.0	**842.75**	100%	**20694.30**	100%	24.6

Source : Department of Agriculture & Farmers Welfare

Note: States have been arranged in descending order of percentage share in production during 2022-23(2nd AE)

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

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

Year	Area	Production	Yield
(1)	(2)	(3)	(4)
1991-92	1529	10080	6593
2001-02	1893	12822	6773
2002-03	1893	12822	6773
2003-04	1934	12178	6297
2004-05	1935	8829	4563
2005-06	2029	14809	7299
2006-07	1940	15831	8160
2007-08	1903	14748	7750
2008-09	1903	14748	7750
2009-10	1895	15730	8301
2010-11	1896	10840	5717
2011-12	2071	14940	7214
2012-13	2137	15609	7304
2013-14	2140	14911	6966
2014-15	1976	14067	7120
2015-16	2088	15256	7305
2016-17	2082	16486	7918
2017-18	2097	16413	7828
2018-19	2151	14682	6826
2019-20	2173	14006	6445
2020-21	2199	14301	6503
2021-22	2154	13317	6183
2022-23 (2nd Adv.Est.)	2206	13764	6241

Source : Department of Agriculture & Farmers Welfare

2.52(b): Coconut: Area and Production in Major Producing States

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

State/ UTs	2022-23(2nd Adv Est)					2021-22 (Final)				
	Area	% to All India	Production	% to All India	Yield	Area	% to All India	Production	% to All India	Yield
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Kerala	765.01	35%	3855.52	28%	5040	765.44	36%	3808.73	29%	4976
Tamil Nadu	472.44	21%	3723.70	27%	7882	446.15	21%	3511.61	26%	7871
Karnataka	628.40	28%	3713.63	27%	5910	604.23	28%	3570.78	27%	5910
Andhra Pradesh	106.86	5%	1176.54	9%	11010	105.80	5%	1164.89	9%	11010
West Bengal	32.47	1%	290.01	2%	8932	32.63	2%	280.07	2%	8584
Odisha	52.82	2%	274.20	2%	5191	52.82	2%	274.19	2%	5191
Maharashtra	30.23	1%	165.36	1%	5470	30.32	1%	164.45	1%	5423
Gujarat	25.60	1%	146.64	1%	5729	25.60	1%	146.64	1%	5729
Assam	21.58	1%	108.22	1%	5015	21.03	1%	107.94	1%	5134
Bihar	12.16	1%	54.06	0%	4448	12.16	1%	54.06	0%	4448
Others	57.95	3%	256.41	2%	4425	57.57	3%	233.82	2%	4062
All India	**2205.50**	**100%**	**13764.29**	**100%**	**6241**	**2153.74**	**100%**	**13317.17**	**100%**	**6183**

Source : Department of Agriculture & Farmers Welfare

Note: States have been arranged in descending order of percentage share in production during 2022-23(2nd AE)

2.53: State-wise area covered under organic farming during 2021-22

S. No.	State	Under NPOP Certification Area (in ha)	Under PKVY Area (in ha)
(1)	(2)	(3)	(4)
1	Andhra Pradesh	47922	206000
2	Arunachal Pradesh	12637	380
3	Assam	18103	4400
4	Bihar	30941	24600
5	Chhattisgarh	18856	109000
6	Goa	12670	10080
7	Gujarat	154950	2000
8	Haryana	3199	400
9	Himachal Pradesh	11161	17700
10	Jammu & Kashmir	30676	560
11	Jharkhand	58870	23940
12	Karnataka	96189	20900
13	Kerala	43677	96380
14	Ladakh	7280	10000
15	Lakshadweep	896	2700
16	Madhya Pradesh	1504950	175560
17	Maharashtra	1133570	32160
18	Manipur	14628	600
19	Meghalaya	27509	900
20	Mizoram	19039	680
21	Nagaland	14269	480
22	Delhi	13	10000
23	Odisha	488905	44800
24	Pondicherry	22	160
25	Punjab	7565	7000
26	Rajasthan	488905	123000
27	Sikkim	75475	3000
28	Tamil Nadu	52306	8240
29	Telangana	39200	13800
30	Tripura	12082	1000
31	Uttar Pradesh	70947	78580
32	Uttarakhand	89671	140540
33	West Bengal	7280	2400
34	Daman Diu & Dadar Nagar	-	11100
35	Andaman & Nicobar	-	1360
36	Chandigarh	-	1300
	Total	**4726715**	**1185700**

Source :DA&FW

2.54: Livestock Population in India

(Million Numbers)

Species	1951	1956	1961	1966	1972	1977	1982	1987	1992	1997	2003	2007	2012	2019
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Cattle	155.30	158.70	175.60	176.20	178.30	180.00	192.45	199.69	204.58	198.88	185.18	199.08	190.90	193.46
Buffalo	43.40	44.90	51.20	53.00	57.40	62.00	69.78	75.97	84.21	89.92	97.92	105.34	108.70	109.85
Total Bovines	**198.70**	**203.60**	**226.80**	**229.20**	**235.70**	**242.00**	**262.36**	**275.82**	**289.00**	**289.00**	**283.10**	**304.76**	**299.90**	**303.76**
Sheep	39.10	39.30	40.20	42.40	40.00	41.00	48.76	45.70	50.78	57.49	61.47	71.56	65.07	74.26
Goats	47.20	55.40	60.90	64.60	67.50	75.60	95.25	110.21	115.28	122.72	124.36	140.54	135.17	148.88
Horses & Ponies	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	0.34
Camels	0.60	0.80	0.90	1.00	1.10	1.10	1.08	1.00	1.03	0.91	0.63	0.52	0.40	0.25
Pigs	4.40	4.90	5.20	5.00	6.90	7.60	10.07	10.63	12.79	13.29	13.52	11.13	10.29	9.06
Mules	0.06	0.04	0.05	0.08	0.08	0.09	0.13	0.17	0.19	0.22	0.18	0.14	0.20	0.08
Donkeys	1.30	1.10	1.10	1.10	1.00	1.00	1.02	0.96	0.97	0.88	0.65	0.44	0.32	0.12
Yaks	NC	NC	0.02	0.03	0.04	0.13	0.13	0.04	0.06	0.06	0.06	0.08	0.08	0.06
Total Livestock	**292.80**	**306.60**	**335.40**	**344.10**	**353.60**	**369.00**	**419.59**	**445.29**	**470.86**	**485.39**	**485.00**	**529.70**	**512.06**	**536.76**
Poultry	73.50	94.80	114.20	115.40	138.50	159.20	207.74	275.32	307.07	347.61	489.1	648.83	729.21	851.81
Stray Dogs	NC	NC	NC	NC	NC	NC	18.54	17.95	21.77	25.48	16.51	19.09	11.67	9.43
Rabbits	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0.48	0.42	0.59	0.55

Source : Livestock Census 2019, Department of Animal Husbandry and Dairying

NC : Not Collected

Note: Totals may not tally due to rounding of figures

2.55: State-wise Production of Milk, Eggs, Meat and Wool

States/UTs	Milk ('000 Tonnes)							Egg (Lakh Nos.)						
	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(13)	(14)
Andhra Pradesh	10817	12178	13725	15044	15263	14714	15403	141743	158274	177776	197545	219275	249639	264503
Arunachal Pradesh	50	53	54	55	61	44	46	427	495	550	595	605	639	667
Assam	843	861	872	882	920	954	982	4740	4771	4952	5015	5149	5253	5422
Bihar	8288	8711	9242	9818	10480	11502	12253	10021	11117	12185	17634	27408	30132	30666
Chhattisgarh	1277	1374	1469	1567	1676	1747	1848	15028	16638	17718	18927	20289	19788	20316
Goa	54	51	55	57	61	60	63	352	292	299	327	400	400	438
Gujarat	12262	12784	13569	14493	15292	15853	16722	17216	17940	17868	18544	19274	19319	19494
Haryana	8381	8975	9809	10726	11735	11284	11630	49133	52139	55855	60577	66153	72734	77476
Himachal Pradesh	1283	1329	1392	1460	1531	1576	1615	812	959	981	1007	1066	1111	1016
Jammu & Kashmir#	2273	2376	2460	2540	2506	2594	2727	2309	2305	2334	2349	2216	2128	1831
Jharkhand	1812	1894	2016	2183	2321	2434	2629	4833	5103	5531	6379	6928	7843	8770
Karnataka	6344	6562	7137	7901	9031	10936	11796	47660	50671	55661	59994	66511	76199	82638
Kerala	2650	2520	2576	2548	2544	2534	2532	24425	23444	23481	22906	21845	22135	22301
Madhya Pradesh	12148	13445	14713	15911	17109	17999	19004	14414	16940	19422	21432	23794	26516	29092
Maharashtra	10153	10402	11102	11655	12024	13703	14305	52858	54774	56991	59649	63713	64028	70183
Manipur	79	79	82	86	90	71	76	1037	992	1018	1053	1082	1142	1148
Meghalaya	84	84	85	87	88	89	90	1064	1064	1074	1090	1102	1108	1115
Mizoram	22	24	25	26	24	25	25	391	408	410	415	433	434	407
Nagaland	77	79	74	73	62	56	61	465	397	401	375	382	385	354
Odisha	1930	2003	2088	2311	2370	2373	2402	19273	19745	20622	23453	23814	24243	30785
Punjab	10774	11282	11855	12599	13348	13394	14077	44218	47826	52250	55909	56388	56512	60664
Rajasthan	18500	20850	22427	23668	25573	30723	33265	13853	13633	14548	16616	26962	27983	26884
Sikkim	67	54	59	61	84	74	87	102	68	63	55	48	98	82
Tamil Nadu	7244	7556	7742	8362	8759	9790	10107	161252	166824	174161	188422	200216	201208	208336
Telangana	4442	4681	4965	5416	5590	5765	5808	112058	118186	126700	136868	148055	158470	166708
Tripura	152	160	174	185	199	206	217	2161	2294	2621	2760	2950	3032	3153
Uttar Pradesh	26387	27770	29052	30519	31864	31359	33874	21929	22889	24398	26050	34049	36289	40412
Uttarakhand	1656	1692	1742	1792	1845	1797	1856	3907	4119	4298	4532	4786	4924	5137
West Bengal	5038	5183	5389	5607	5869	6165	6414	60108	65536	76434	85999	97350	105008	114520
A&N Islands	15	16	17	18	19	15	17	989	1032	1074	1139	1189	1362	1159
Chandigarh	43	36	42	45	49	52	57	167	154	160	164	124	130	115
Ladakh	-	-	-	-	-	15	29	-	-	-	-	-	13	20
D.& N. Haveli*	9	8	8	-	-	-	2	73	73	73	0	-	-	5
Daman & Diu	1	1	1	1	1	1		8	4	5	5	5	5	
Delhi*	281	279	279	-	-	-		-	-	-	-	-	-	
Lakshadweep	3	3	4	4	4	4	0	144	147	142	142	153	163	72
Puducherry	48	48	49	49	50	49	50	114	114	114	114	114	114	114
All India	**155491**	**165404**	**176347**	**187749**	**198440**	**209960**	**222069**	**829284**	**881370**	**952170**	**1038039**	**1143831**	**1220486**	**1296003**

contd…

States/UTs	Meat ('000 Tonnes)							Wool ('000 Kgs)						
	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)
Andhra Pradesh#	566	633	709	781	850	954	1026	789	792	794	797	801	-	-
Arunachal Pradesh	19	20	21	22	23	22	22	36	58	60	43	43	20	20
Assam	45	47	48	50	53	54	56	-	-	-	-	-	-	-
Bihar	302	326	343	365	384	397	392	240	281	298	312	311	170	175
Chhattisgarh	41	49	55	61	66	47	50	90	87	82	82	83	80	78
Goa	8	7	8	8	7	6	6	-	-	-	-	-	-	-
Gujarat	34	33	33	33	33	33	35	2283	2267	2295	2271	2233	2004	2019
Haryana	403	427	470	512	554	597	641	702	691	693	719	730	687	688
Himachal Pradesh	4	4	4	5	5	4	5	1409	1475	1482	1503	1516	1482	1435
Jammu & Kashmir#	75	85	87	92	95	88	88	6866	7266	7489	7629	7477	7650	7580
Jharkhand	51	55	58	62	67	70	79	166	178	187	199	210	217	237
Karnataka	197	209	228	254	305	364	396	8191	6588	4305	3058	1742	1052	733
Kerala	466	469	469	457	453	461	464	-	-	-	-	-	-	-
Madhya Pradesh	70	79	89	97	106	116	127	442	406	408	410	412	431	426
Maharashtra	675	845	925	1021	1140	1109	1138	1390	1407	1437	1457	1412	1550	1592
Manipur	26	27	28	28	29	29	29	-	-	-	-	-	-	-
Meghalaya	41	41	43	45	46	39	37	-	-	-	-	-	-	-
Mizoram	14	15	16	16	16	15	15	-	-	-	-	-	-	-
Nagaland	36	31	32	32	32	24	24	-	-	-	-	-	-	-
Odisha	165	177	183	202	205	213	216	-	-	-	-	-	-	-
Punjab	250	249	276	231	248	224	228	473	490	515	525	525	456	459
Rajasthan	180	180	188	192	200	213	221	13415	14321	14287	14522	12717	15676	16129
Sikkim	6	4	4	4	4	3	3	0	0	0	0	0	0	
Tamil Nadu	544	573	603	634	663	669	686	1	2	2	2	2	2	2
Telangana	542	591	645	754	848	920	1005	4562	4658	4506	4264	3960	3366	0
Tripura	37	40	45	48	51	52	54	-	-	-	-	-	-	-
Uttar Pradesh	1418	1346	1151	1227	1166	1038	1128	1265	1286	1300	1316	1329	886	819
Uttarakhand	271	28	29	29	25	19	18	513	538	564	552	497	436	452
West Bengal	686	706	773	831	903	994	1080	748	753	758	760	763	765	769
A&N Islands	5	5	5	5	6	6	6	-	-	-	-	-	-	-
Chandigarh	1	1	1	1	1	1	1	-	-	-	-	-	-	-
Ladakh	-	-	-	-	-	0	1.75	-	-	-	-	-	0	2
D.& N. Haveli*	0	0	-	-	-	-	0	-	-	-	-	-	-	-
Daman & Diu	1	1	0	0.18	0.22	0.31		-	-	-	-	-	-	-
Delhi*	70	66	66	-	-	-		-	-	-	-	-	-	-
Lakshadweep	1	0	0	0	0	1	0	-	-	-	-	-	-	-
Puducherry	15	15	15	15	15	15	15	-	-	-	-	-	-	-
All India	**7020**	**7386**	**7656**	**8114**	**8600**	**8798**	**9292**	**43581**	**43544**	**41463**	**40420**	**36763**	**36931**	**33614**

Source : Department of Animal Husbandry and Dairying

"-" Not Available/Not Received * previous year data used

in 2020-21 the figures of Jammu & Kashmir do not include Ladakh

2.56: Fish Production in India

('000 Tonnes)

Year	Inland	Marine	Total
(1)	(2)	(3)	(4)
1950-51	218	534	752
1955-56	243	596	839
1960-61	280	880	1160
1965-66	507	824	1331
1970-71	670	1086	1756
1973-74	748	1210	1958
1978-79	816	1490	2306
1979-80	848	1492	2340
1980-81	887	1555	2442
1981-82	999	1445	2444
1982-83	940	1427	2367
1983-84	987	1519	2506
1984-85	1103	1698	2801
1985-86	1160	1716	2876
1986-87	1229	1713	2942
1987-88	1301	1658	2959
1988-89	1335	1817	3152
1989-90	1402	2275	3677
1990-91	1536	2300	3836
1991-92	1710	2447	4157
1992-93	1789	2576	4365
1993-94	1995	2649	4644
1994-95	2097	2692	4789
1995-96	2242	2707	4949
1996-97	2381	2967	5348
1997-98	2438	2950	5388
1998-99	2602	2696	5298
1999-00	2823	2852	5675
2000-01	2845	2811	5656
2001-02	3126	2830	5956
2002-03	3210	2990	6200
2003-04	3458	2941	6399
2004-05	3526	2779	6305
2005-06	3756	2816	6572
2006-07	3845	3024	6869
2007-08	4207	2920	7127
2008-09	4638	2978	7616
2009-10	4894	3104	7998
2010-11	4981	3250	8231
2011-12	5294	3372	8666
2012-13	5719	3321	9040
2013-14	6136	3443	9579
2014-15	6691	3569	10260
2015-16	7162	3600	10762
2016-17	7806	3625	11431
2017-18	8902	3688	12590
2018-19	9720	3853	13573
2019-20	10437	3727	14164
2020-21	11248	3477	14725
2021-22	12121	4127	16248
2022-23	13113	4432	17545

Source : Department of Fisheries

2.57: State-wise Production of Fish

('Lakh Tonnes)

S.No.	State/UTs	2020-21			2021-22			2022-23		
		Inland	Marine	Total	Inland	Marine	Total	Inland	Marine	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Andhra Pradesh	40.70	5.54	46.24	42.19	5.94	48.13	45.06	6.00	51.06
2	Arunachal Pradesh	0.05	0.00	0.05	0.05	0.00	0.05	0.09	0.00	0.09
3	Assam	3.93	0.00	3.93	4.17	0.00	4.17	4.43	0.00	4.43
4	Bihar	6.83	0.00	6.83	7.62	0.00	7.62	8.46	0.00	8.46
5	Chhattisgarh	5.77	0.00	5.77	5.91	0.00	5.91	6.52	0.00	6.52
6	Goa	0.05	1.06	1.11	0.05	1.11	1.16	0.06	1.34	1.40
7	Gujarat	1.57	6.83	8.40	1.86	6.88	8.74	1.94	7.03	8.97
8	Haryana	2.03	0.00	2.03	2.08	0.00	2.08	2.12	0.00	2.12
9	Himachal Pradesh	0.15	0.00	0.15	0.16	0.00	0.16	0.17	0.00	0.17
10	Jharkhand	2.38	0.00	2.38	2.57	0.00	2.57	2.80	0.00	2.80
11	Karnataka	2.61	3.47	6.08	4.85	5.89	10.74	4.95	7.30	12.25
12	Kerala	2.24	3.92	6.16	2.25	6.01	8.26	2.30	6.91	9.21
13	Madhya Pradesh	2.49	0.00	2.49	2.93	0.00	2.93	3.42	0.00	3.42
14	Maharashtra	1.25	3.99	5.24	1.57	4.33	5.90	1.44	4.46	5.90
15	Manipur	0.33	0.00	0.33	0.33	0.00	0.33	0.34	0.00	0.34
16	Meghalaya	0.16	0.00	0.16	0.18	0.00	0.18	0.19	0.00	0.19
17	Mizoram	0.05	0.00	0.05	0.05	0.00	0.05	0.05	0.00	0.05
18	Nagaland	0.09	0.00	0.09	0.09	0.00	0.09	0.09	0.00	0.09
19	Odisha	7.01	1.72	8.73	7.89	2.01	9.90	8.39	2.13	10.52
20	Punjab	1.65	0.00	1.65	1.90	0.00	1.90	1.85	0.00	1.85
21	Rajasthan	0.60	0.00	0.60	0.66	0.00	0.66	0.79	0.00	0.79
22	Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01
23	Tamil Nadu	1.75	5.48	7.23	2.12	5.95	8.07	2.32	5.97	8.29
24	Telangana	3.49	0.00	3.49	3.90	0.00	3.90	4.38	0.00	4.38
25	Tripura	0.82	0.00	0.82	0.82	0.00	0.82	0.83	0.00	0.83
26	Uttar Pradesh	7.46	0.00	7.46	8.09	0.00	8.09	9.15	0.00	9.15
27	Uttarakhand	0.06	0.00	0.06	0.06	0.00	0.06	0.07	0.00	0.07
28	West Bengal	16.69	1.55	18.24	16.52	1.91	18.43	18.56	1.89	20.45
29	A and N Islands	0.00	0.43	0.43	0.00	0.44	0.44	0.00	0.47	0.47
30	Chandigarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	D & Nagar Haveli and Daman and Diu	0.00	0.30	0.30	0.00	0.30	0.30	0.00	0.29	0.29
32	Delhi	0.01	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00
33	Jammu & Kashmir	0.21	0.00	0.21	0.25	0.00	0.25	0.27	0.00	0.27
34	Ladakh	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00
35	Lakshadweep	0.00	0.15	0.15	0.00	0.12	0.12	0.00	0.11	0.11
36	Puducherry	0.05	0.34	0.39	0.08	0.39	0.47	0.05	0.42	0.46
All India		**112.48**	**34.77**	**147.25**	**121.21**	**41.27**	**162.48**	**131.13**	**44.32**	**175.45**

Source : Department of Fisheries

2.58: India's Imports and Exports of Principal Agricultural Commodities

(Value in ₹ Crore)

Year	Agricultural Imports	Total National Imports	% of Agricultural Imports to Total National Imports	Agricultural Exports	Total National Exports	% of Agricultural Exports to Total National Exports
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1990-91	1205.86	43198.00	2.79	6012.76	32553.00	18.47
1991-92	1478.27	47850.84	3.09	7838.04	44041.81	17.80
1992-93	2876.25	63374.52	4.54	9040.30	53688.26	16.84
1993-94	2327.33	73101.01	3.18	12586.55	69748.85	18.05
1994-95	5937.21	89970.70	6.60	13222.76	82673.40	15.99
1995-96	5890.10	122678.14	4.80	20397.74	106353.35	19.18
1996-97	6612.60	138919.88	4.76	24161.29	118817.32	20.33
1997-98	8784.19	154176.29	5.70	24832.45	130100.64	19.09
1998-99	14566.48	178331.69	8.17	25510.64	139751.77	18.25
1999-00	16066.73	215528.53	7.45	25313.66	159095.20	15.91
2000-01	12086.23	230872.75	5.24	28657.37	203571.00	14.08
2001-02	16256.61	245199.71	6.63	29728.61	209017.96	14.22
2002-03	17608.83	297205.86	5.92	34653.94	255137.26	13.58
2003-04	21972.68	359107.61	6.12	36415.48	293366.74	12.41
2004-05	22811.84	481371.53	4.74	41602.65	375339.51	11.08
2005-06	15977.75	574190.89	2.78	45710.97	456417.85	10.02
2006-07	23000.28	840506.30	2.74	57767.87	571779.27	10.10
2007-08	22549.81	1012311.69	2.23	74673.48	655863.51	11.39
2008-09	28719.24	1374435.37	2.09	81064.52	840755.05	9.64
2009-10	54365.29	1363735.54	3.99	84443.95	845533.63	9.99
2010-11	51073.97	1683466.96	3.03	113046.58	1136964.25	9.94
2011-12	70164.51	2345463.23	2.99	182801.00	1465959.39	12.47
2012-13	95718.89	2669161.95	3.59	227192.61	1634318.28	13.90
2013-14	85727.30	2715420.78	3.16	262778.54	1905011.08	13.79
2014-15	121319.02	2736676.99	4.43	239681.04	1896348.42	12.64
2015-16	140289.22	2490303.76	5.63	215396.32	1716384.39	12.55
2016-17	164726.83	2577671.14	6.39	226651.91	1849433.55	12.26
2017-18	152095.20	3001033.00	5.07	251563.94	1956514.52	12.86
2018-19	137019.46	3594674.22	3.81	274571.28	2307726.19	11.90
2019-20	147445.81	3360954.45	4.39	252976.06	2219854.17	11.40
2020-21	154510.72	2915958.00	5.30	308830.00	2159043.00	14.30
2021-22	231850.27	4572774.59	5.07	375662.47	3147021.49	11.94
2022-23	275704.09	5749801.27	4.80	427767.46	3621549.88	11.81

Source :- Directorate General of Commercial Intelligence & Statistics, Department of Commerce

2.59 : India's Imports of Principal Agricultural Commodities

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

Commodity	2009-10		2010-11		2011-12		2012-13		2013-14	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Tea	34.46	276.52	20.82	202.00	22.43	218.91	22.30	274.52	22.74	291.68
Coffee	40.88	297.34	41.63	295.00	46.06	469.52	71.20	795.72	59.94	729.02
Rice- Basmati	0.00	0.00	0.00	0.00	0.46	2.47	0.00	0.00	0.00	0.00
Rice (other than Basmati)	0.07	0.37	0.19	0.92	0.60	3.00	0.72	3.96	1.44	8.29
Wheat	164.38	231.90	185.28	255.84	0.02	0.08	2.94	6.03	11.27	26.92
Other cereals	33.69	76.33	30.68	59.53	15.36	30.04	45.58	111.01	22.32	98.03
Pulses	3749.99	10629.16	2777.83	7512.49	3495.84	9448.35	4013.24	13344.63	3177.89	11036.75
Tobacco unmanufactured	1.07	37.76	1.32	44.61	2.02	68.57	2.17	91.94	1.55	79.52
Tobacco manufactured	-	78.73	-	80.36	-	113.01	-	155.01	-	168.87
Spices	161.78	1476.04	124.49	1595.91	146.77	2284.85	175.56	2715.76	155.58	3451.69
Cashew	755.96	3047.50	529.73	2649.07	811.90	5381.43	898.52	5433.91	776.33	4667.80
Cashew nut shell liquid	0.00	0.00	0.04	0.07	0.20	0.32	0.14	0.33	0.38	2.08
Sesame seeds	9.23	53.26	8.73	37.66	0.61	3.93	38.05	296.03	72.93	808.64
Niger seeds	3.50	13.33	0.23	0.79	0.12	0.39	0.00	0.00	0.70	3.73
Groundnut	0.39	1.70	0.00	0.00	0.10	0.47	0.04	0.29	0.11	0.36
Other oil seeds	56.94	118.18	44.95	74.76	41.22	88.77	44.26	109.74	54.70	166.79
Vegetable oils	6734.45	22316.68	6039.02	25919.59	7081.98	38909.02	9606.24	53561.61	7942.90	44038.04
Oil meals	127.73	104.69	79.22	75.03	86.13	98.72	148.30	210.38	126.94	199.87
Guargam meal	0.07	2.41	0.09	2.66	0.30	9.90	0.57	33.61	0.38	21.85
Castor oil	0.06	0.44	0.01	0.91	0.06	1.29	0.14	2.23	0.07	2.04
Shellac	3.55	34.10	3.29	50.55	0.54	22.15	2.78	172.61	0.68	45.80
Sugar	2551.42	5965.80	1034.58	2789.54	99.71	313.83	1122.25	3094.38	880.96	2286.86
Mollases	45.54	32.29	7.29	6.15	12.40	4.35	14.68	7.50	15.07	8.93
Fruits / vegetable seeds	12.67	284.42	11.14	291.22	13.18	380.15	16.05	471.10	8.29	449.48
Fresh fruits	562.19	2843.47	630.23	3586.51	723.27	4610.84	802.14	6180.47	769.14	7715.96
Fresh vegetables	5.40	8.14	16.61	40.60	5.04	7.31	7.03	11.24	25.98	41.67
Processed vegetables	-	77.90	-	117.48	-	120.19	-	149.01	-	173.94
Processed fruits and juices	-	191.12	-	251.54	-	314.93	-	432.02	-	410.83
Cereal preparations	39.11	188.92	37.73	243.43	45.82	316.39	50.42	359.98	53.47	419.34
Cocoa products	25.23	376.08	33.80	584.21	5.08	934.32	53.33	1049.25	51.63	1071.55
Milled products	2.49	9.76	3.74	10.96	2.88	11.88	4.52	23.75	3.98	22.01
Misc processed items	-	552.34	-	664.01	-	915.19	-	1268.33	-	1474.47
Animal casings	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Buffalo meat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sheep/goat meat	0.04	1.22	0.03	0.80	0.01	0.21	0.02	1.52	0.06	5.13
Other meat	0.33	6.67	0.35	7.01	0.54	12.48	0.43	15.71	0.36	15.80
Processed meat	1.41	9.79	0.78	7.56	0.96	9.74	0.57	9.02	0.39	7.64
Dairy products	-	333.64	-	847.83	-	1219.41	-	184.25	-	232.68
Poultry products	-	26.72	-	14.46	-	19.72	-	18.29	-	23.39
Floriculture products	-	45.88	-	45.48	-	68.64	-	85.67	-	112.19
Alcoholic beverages	-	1244.26	-	1029.13	-	1309.77	-	1416.77	-	2076.18
Marine products	27.35	303.09	28.35	429.04	34.22	569.53	28.10	452.70	31.22	411.01
Ayush and herbal products	17.73	136.36	8.16	155.12	0.89	184.75	10.96	243.75	10.86	318.50
Jute, raw	62.66	149.49	83.30	302.49	181.26	449.17	148.73	370.79	52.65	146.25
Jute hessian	-	231.22	-	169.43	-	177.34	-	87.34	-	79.92
Cotton raw incld. Waste	-	1241.37	-	622.24	-	1059.19	232.55	2466.74	180.97	2375.78
Total Agricultural Imports	**-**	**53056.37**	**-**	**51073.97**	**-**	**70164.51**	**-**	**95718.89**	**-**	**85727.30**
Total National Imports	**-**	**1363735.55**	**-**	**1683466.96**	**-**	**2345463.24**	**-**	**2669161.96**	**-**	**2715433.91**
% Share of Agricultural Imports in National Imports	***-***	***3.89***	***-***	***3.03***	***-***	***2.99***	***-***	***3.59***	***-***	***3.16***

contd.

2.59 : India's Imports of Principal Agricultural Commodities

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

Commodity	2014-15		2015-16		2016-17		2017-18		2018-19		2019-20		2020-21		2021-22		2022-23	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
(1)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(24)	(25)	(24)	(25)
Tea	28.39	388.66	23.72	377.47	24.89	338.35	24.94	356.99	28.85	417.96	21.94	411.06	38.59	658.87	30.34	475.68	29.99	481.97
Coffee	74.88	930.47	65.61	801.83	78.04	926.81	77.22	996.50	82.77	958.59	88.09	962.16	78.50	900.56	84.72	1054.30	108.60	1762.37
Rice- Basmati	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	-	-
Rice (other than Basmati)	1.96	10.83	1.02	5.91	1.14	7.25	2.12	12.18	6.87	32.14	5.64	78.75	4.76	24.67	10.58	49.80	6.71	43.99
Wheat	29.49	61.34	517.67	872.59	5749.43	8509.05	1649.73	2357.84	2.75	5.44	1.88	4.63	0.00	0.01	0.05	0.18	13.57	46.12
Other cereals	23.40	61.76	206.14	344.31	311.37	493.18	265.13	433.90	244.32	471.28	673.06	1221.12	134.79	331.10	112.06	369.96	305.24	1147.09
Pulses	4584.85	17062.94	5797.71	25619.06	6609.49	28523.18	5607.53	18748.57	2527.88	8035.30	2898.08	10221.45	2466.16	11937.59	2699.69	16627.58	2496.17	15780.56
Tobacco unmanufactured	1.93	98.17	2.88	137.30	1.97	77.21	1.54	69.47	2.60	102.89	4.77	154.73	7.21	129.10	6.79	141.57	2.62	125.59
Tobacco manufactured	-	200.28	-	193.92	-	228.54	-	185.92	-	257.52	-	237.20		159.09		329.42	0.00	484.78
Spices	163.09	4393.25	197.06	5399.95	242.29	5760.25	222.33	6385.26	240.56	7932.70	320.94	10186.93	344.21	8070.53	364.07	9684.74	386.14	10694.88
Cashew	933.19	6599.74	961.67	8701.28	774.51	9027.09	654.02	9134.33	839.64	11162.32	941.42	9026.34	834.40	7491.21	939.20	9338.37	1332.18	14369.51
Cashew nut shell liquid	1.72	10.03	1.86	5.60	1.69	3.67	2.09	5.66	6.61	21.05	8.67	22.94	2.20	7.17	6.53	22.88	3.18	11.36
Sesame seeds	34.77	379.99	23.60	179.66	69.03	442.15	26.27	176.77	87.54	875.17	146.99	1450.19	103.24	910.76	21.10	219.88	64.11	816.25
Niger seeds	0.70	3.73	5.78	44.14	10.66	82.82	5.33	29.00	8.66	40.62	4.70	24.43	5.92	40.71	5.65	40.65	1.06	8.19
Groundnut	0.13	0.49	0.11	0.31	0.33	1.39	1.72	13.04	1.09	8.14	1.95	11.47	1.04	7.95	0.75	9.37	1.20	12.87
Other oil seeds	51.56	163.29	62.51	218.62	116.64	392.36	127.35	364.59	220.48	745.35	410.94	1527.78	506.88	2165.28	701.48	4307.53	574.07	3541.67
Vegetable oils	12731.60	64889.60	15643.74	68676.62	14007.39	73038.98	15361.02	74995.91	15019.30	69023.79	14722.11	68558.16	13540.01	82123.26	14278.16	141531.78	15745.14	167269.99
Oil meals	165.10	272.65	256.55	429.91	550.43	974.59	485.96	746.67	504.00	869.56	859.80	1519.48	509.79	1017.61	1301.87	4541.91	493.32	1643.42
Guargam meal	0.13	5.72	0.63	13.93	0.18	2.41	0.43	3.30	0.72	5.90	2.15	25.90	0.37	11.02	0.18	5.88	0.92	20.91
Castor oil	0.05	1.81	0.03	1.10	0.11	1.50	0.04	2.54	0.22	5.32	0.14	8.03	0.16	10.13	0.09	8.14	0.21	13.18
Shellac	1.77	59.54	0.71	19.48	0.46	13.43	0.00	18.38	0.64	19.35	0.85	23.49	0.64	21.22	1.68	77.95	4.47	267.06
Sugar	1538.64	3668.21	1943.13	4037.86	2146.15	6868.61	6.87	6035.84	1490.61	3175.39	1117.73	2473.25	1964.00	4720.01	359.62	1263.19	572.04	2377.92
Mollases	60.28	30.14	17.27	7.50	13.84	9.04	0.01	69.29	4.47	1.38	31.72	10.21	1.65	0.92	1.95	2.01	5.00	4.65
Fruits / vegetable seeds	14.01	611.53	14.33	703.03	14.07	653.33	0.00	768.26	19.73	835.81	17.78	851.79	24.98	1060.24	19.76	1043.12	27.36	1197.36
Fresh fruits	900.98	9566.81	857.90	11071.57	1057.51	11290.62	11.29	12524.55	1124.18	13931.65	993.73	14137.09	1211.83	15764.86	1552.49	18342.09	1549.87	19957.70
Fresh vegetables	8.24	11.14	140.73	394.45	8.55	11.12	0.01	25.64	14.75	24.22	150.10	594.82	72.90	225.57	45.99	138.11	18.15	43.28
Processed vegetables	10.96	104.45	15.38	120.33	13.32	115.26	0.00	134.83	18.10	161.83	33.62	253.68	18.27	163.52	20.71	209.09	21.16	250.85
Processed fruits and juices	33.55	499.54	40.49	526.49	42.99	548.10	0.00	803.81	59.12	909.34	54.10	771.22	44.44	662.92	63.16	997.78	62.89	1245.28
Cereal preparations	72.72	583.93	61.70	575.42	66.46	579.03	0.58	659.68	90.58	971.36	95.94	1007.66	113.33	1212.15	124.79	1527.84	107.90	1711.03
Cocoa products	65.39	1551.63	56.42	1398.91	63.61	1542.28	0.00	1473.10	87.60	1845.89	85.28	1833.97	89.09	2021.27	111.19	2713.93	128.65	3530.76
Milled products	3.47	17.72	4.39	21.40	3.56	16.22	0.00	13.02	4.18	15.60	4.33	16.11	2.53	10.17	3.37	14.60	3.88	20.38
Misc processed items	-	1785.23	-	1811.12	-	2115.82	-	2249.73	-	2560.20	-	2635.85		2266.48		3403.23	0.00	3980.37
Animal casings	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.49	0.00	0.22	-	-
Buffalo meat	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	-	-
Sheep/goat meat	0.09	8.73	0.05	4.80	0.13	8.50	0.01	13.36	0.12	10.83	0.16	13.21	0.01	0.94	0.05	4.92	0.22	17.24
Other meat	0.47	19.50	0.50	17.18	0.59	19.03	0.02	27.80	0.88	30.65	0.95	32.82	0.50	17.50	0.91	34.58	0.96	39.34
Processed meat	0.17	5.17	0.07	2.75	0.13	4.47	0.00	3.22	0.12	4.14	0.12	4.52	0.14	5.12	0.17	5.56	0.05	2.74
Dairy products	43.84	375.01	18.30	371.58	16.91	254.84	0.00	312.59	13.64	254.12	20.42	371.68	18.53	364.51	14.57	354.90	15.90	444.43
Poultry products	-	38.22	-	26.42	-	29.46	-	26.87	-	41.80	-	40.44		25.75		39.86	0.00	42.81
Floriculture products	4.82	113.37	4.77	114.40	5.57	133.81	0.00	136.46	6.37	174.09	7.20	229.64	3.96	160.38	6.24	258.53	8.90	285.21
Alcoholic beverages	-	2508.66	-	2935.85	-	3590.33	-	3876.14	-	4678.72	-	4643.52		4036.60		5181.57	0.00	6393.26
Marine products	27.72	453.90	50.35	639.77	52.02	633.39	44.71	793.30	56.93	1088.13	72.41	1290.17	101.42	1668.85	76.62	1667.69	63.02	1984.41
Ayush and herbal products	23.48	352.58	11.67	354.35	11.36	358.87	13.64	392.72	20.14	510.23	41.21	598.49	76.35	797.04	53.75	827.58	67.34	970.42
Jute, raw	44.00	139.58	88.37	363.44	138.84	704.13	68.14	289.02	57.25	235.86	77.18	350.39	28.88	179.28	62.52	449.40	121.26	830.27
Jute hessian	-	177.79	-	181.41	-	57.45	-	122.38	-	184.40	-	237.83		267.11		363.45	0.00	326.23
Cotton raw incld. Waste	289.39	3101.92	233.14	2566.21	499.62	6338.92	469.13	6306.77	299.27	4383.40	744.33	9371.21	231.36	2861.19	224.26	4169.45	451.60	11506.38
Total Agricultural Imports	**-**	**121319.02**	**-**	**140289.22**	**-**	**164726.83**	**-**	**152095.20**	**-**	**137019.46**	**-**	**147445.81**		**154510.72**		**231850.27**		**275704.09**
Total National Imports	**-**	**2736676.99**	**-**	**2490303.76**	**-**	**2577671.14**	**-**	**3001028.71**	**-**	**3594674.22**	**-**	**3360954.45**		**2915958.0**		**4572774.6**		**5749801.3**
% Share of Agricultural Imports in National Imports	**-**	***4.43***	**-**	***5.63***	**-**	***6.39***	**-**	***5.07***	**-**	***3.81***	**-**	***4.39***		***5.30***		***5.07***		***4.80***

Source :- Directorate General of Commercial Intelligence & Statistics, Department of Commerce.

2.60: India's Exports of Principal Agricultural Commodities

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

Commodity	2009-10		2010-11		2011-12		2012-13		2013-14	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Tea	207.83	2943.53	238.15	3354.34	271.98	4078.53	268.80	4718.79	249.91	4873.34
Coffee	157.13	2032.06	231.00	3009.91	276.52	4534.62	254.02	4711.07	253.90	4799.10
Rice- Basmati	2016.87	10889.60	2330.25	11354.63	3169.45	15449.60	3459.83	19409.39	3754.10	29291.82
Rice (other than Basmati)	139.55	365.30	100.68	231.29	3991.77	8659.13	6687.85	14448.81	7148.47	17795.21
Wheat	0.03	0.05	0.40	0.70	749.63	1023.20	6514.82	10529.00	5572.03	9277.65
Other cereals	2881.22	2973.19	3220.09	3648.49	4072.57	5492.92	5441.31	8180.61	4637.54	7178.14
Pulses	100.13	408.32	209.02	870.04	173.50	1067.93	202.67	1284.99	345.55	1748.81
Tobacco unmanufactured	230.80	3621.44	215.88	3151.58	197.17	2899.46	230.41	3815.76	237.11	4782.74
Tobacco manufactured	-	722.96	-	833.61	-	1106.96	-	1214.47	-	1351.72
Spices	601.40	5948.73	688.39	7886.51	858.20	13102.50	932.59	15176.75	896.57	15146.36
Cashew	107.47	2801.58	92.38	2819.39	107.81	4390.16	104.09	4067.21	120.74	5095.49
Cashew nut shell liquid	11.23	27.62	11.92	33.77	13.19	59.46	9.19	29.84	9.48	38.61
Sesame seeds	215.69	1494.10	360.13	2307.52	388.23	2641.66	299.48	2880.85	257.44	3583.46
Niger seeds	6.00	24.23	12.86	44.51	28.23	117.27	17.90	90.13	20.84	113.61
Groundnut	340.26	1425.93	433.76	2178.41	832.62	5246.45	535.64	4065.36	509.75	3187.66
Other oil seeds	49.79	139.36	42.82	113.40	61.81	201.43	87.59	414.61	194.46	945.53
Vegetable oils	14.75	182.90	13.71	114.62	29.67	269.10	36.09	469.35	23.01	324.82
Oil meals	4671.14	7831.79	6945.17	11069.58	7405.19	11796.46	6578.17	16519.53	6576.51	17070.13
Guargam meal	217.41	1133.31	421.43	2938.70	702.73	16523.87	406.32	21287.00	601.97	11735.39
Castor oil	397.99	2179.28	424.46	2982.92	492.63	4571.67	565.99	4309.82	544.80	4364.33
Shellac	4.04	71.30	4.33	140.07	4.34	256.79	3.60	401.74	7.75	514.03
Sugar	44.74	110.21	1733.87	5472.79	2749.43	8766.78	2793.78	8576.32	2477.64	7178.50
Mollases	31.10	19.77	371.93	214.09	384.13	204.33	342.15	223.03	211.65	147.29
Fruits / vegetable seeds	8.43	145.08	11.62	184.92	15.21	287.76	17.17	347.72	19.34	416.58
Fresh fruits	475.76	1524.21	446.76	1355.19	488.00	1937.22	534.62	2686.57	525.22	3645.62
Fresh vegetables	2032.40	3014.32	1660.25	2620.48	2040.45	3023.31	2343.88	3407.19	2291.75	5384.47
Processed vegetables	-	743.12	-	747.92	-	1043.72	-	1102.56	-	1288.86
Processed fruits and juices	-	1904.18	-	1859.96	-	2277.04	-	2577.32	-	3332.05
Cereal preparations	172.20	1030.09	213.58	1264.15	299.62	1888.62	292.69	2240.76	319.55	2856.26
Cocoa products	5.86	96.99	9.08	126.97	16.68	175.98	19.08	293.92	16.23	573.22
Milled products	72.74	153.63	99.10	197.06	171.12	358.92	273.55	603.61	419.26	1008.00
Misc processed items	-	838.19	-	1065.48	-	1434.17	-	1853.98	-	2531.48
Animal casings	1.72	32.82	1.80	33.24	1.01	33.98	0.65	21.46	0.35	28.46
Buffalo meat	490.40	5481.43	726.66	8613.31	984.96	13741.11	1076.10	17408.99	1365.64	26457.82
Sheep/goat meat	53.07	745.94	12.30	258.83	10.94	252.83	15.29	426.47	22.61	694.12
Other meat	1.17	10.75	1.03	9.51	0.32	3.67	0.19	2.33	0.27	3.40
Processed meat	0.67	8.79	0.92	13.96	0.58	9.50	0.80	9.37	0.51	7.68
Dairy products	-	796.99	-	1216.76	-	647.79	-	2324.68	-	4407.78
Poultry products	-	372.53	-	314.33	-	458.05	-	494.93	-	566.80
Floriculture products	-	294.46	-	296.04	-	365.32	-	423.45	-	455.90
Alcoholic beverages	-	584.87	-	819.86	-	1469.07	-	1932.45	-	2429.67
Marine products	698.45	9899.98	785.07	11917.11	902.41	16584.71	965.10	18841.20	1000.82	30627.28
Ayush and herbal products	59.05	1247.05	70.58	1346.99	73.77	1696.97	84.49	2120.36	76.72	2208.55
Jute, raw	48.32	54.40	36.02	128.33	28.11	80.92	33.80	95.67	44.02	113.35
Jute hessian	-	307.63	-	722.87	-	945.83	-	876.68	-	859.59
Cotton raw incld. Waste	-	9537.08	-	13162.42	-	21624.24	-	20276.51	1947.70	22337.84
Total Agricultural Exports	**-**	**86171.10**	**-**	**113046.58**	**-**	**182801.00**	**-**	**227192.61**	**-**	**262778.54**
Total National Exports	**-**	**845533.64**	**-**	**1136964.22**	**-**	**1465959.31**	**-**	**1634318.29**	**-**	**1905011.00**
% Share of Agricultural Exports in National Exports	**-**	***10.19***	**-**	***9.94***	**-**	***12.47***	**-**	***13.90***	**-**	***13.79***

contd.

2.60: India's Exports of Principal Agricultural Commodities

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

Commodity	2014-15		2015-16		2016-17		2017-18		2018-19		2019-20		2020-21		2021-22		2022-23	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
(1)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(24)	(25)	(24)	(25)
Tea	234.39	4171.25	245.70	4719.00	243.43	4905.64	272.89	5396.65	270.31	5828.34	254.80	5851.11	212.69	5603.50	208.61	5596.67	241.15	6582.34
Coffee	463.55	4973.25	255.74	5125.45	288.61	5646.43	317.83	6245.36	282.84	5721.98	257.03	5236.76	245.21	5339.65	333.10	7613.62	316.10	9190.89
Rice- Basmati	3698.93	27586.71	4045.83	22718.60	3985.21	21512.91	4056.85	26870.67	4414.61	32804.30	4454.77	31026.33	4630.21	29847.70	3943.72	26390.22	4561.21	38525.37
Rice (other than Basmati)	8302.21	20441.55	6464.59	15483.39	6770.83	16929.88	8818.53	23437.23	7648.00	21171.17	5056.28	14400.32	13149.21	35557.03	17288.96	45725.42	17792.14	51096.73
Wheat	2924.05	4991.81	666.68	1061.77	265.61	447.85	322.79	624.37	226.63	424.47	219.69	444.20	2154.97	4173.08	7244.84	15845.45	4695.80	11833.28
Other cereals	3515.35	5262.16	967.93	1702.50	734.77	1425.77	864.24	1604.28	1257.24	2426.07	501.12	1454.71	3075.66	5198.42	3859.36	8109.45	3628.12	9615.01
Pulses	222.14	1218.31	255.72	1655.90	136.72	1277.70	179.60	1469.63	287.13	1801.51	232.08	1511.80	276.93	1977.63	387.21	2682.90	762.67	5310.87
Tobacco unmanufactured	219.57	4162.71	215.32	4373.45	204.45	4249.85	185.36	3828.13	189.55	3984.53	181.84	3761.37	178.30	3840.46	196.26	4249.88	256.19	6600.32
Tobacco manufactured	-	1705.88	-	2078.91	-	2174.12	-	2193.58	-	2874.07	-	2648.02		2656.53		2631.64	0.00	3139.54
Spices	939.01	14847.74	831.68	16630.14	1014.45	19111.25	1096.32	20084.91	1133.89	23217.77	1193.44	25642.04	1607.06	29529.39	1427.72	29039.27	1312.26	30418.98
Cashew	134.57	5565.85	103.13	5027.99	91.79	5278.61	90.06	5945.28	78.22	4579.17	84.37	4018.35	70.11	3112.22	75.45	3377.40	59.59	2868.86
Cashew nut shell liquid	10.94	55.81	11.68	57.59	11.40	43.99	8.33	32.63	5.30	26.91	4.61	23.09	3.74	19.72	4.94	32.51	17.25	113.47
Sesame seeds	375.66	4717.77	328.46	3012.31	307.33	2695.84	336.85	2990.93	312.00	3761.62	282.26	3723.31	273.26	3159.47	242.15	3036.37	228.65	3413.13
Niger seeds	18.16	108.96	14.12	123.27	14.07	117.22	9.22	69.86	13.37	95.50	13.83	106.01	19.59	160.23	6.03	61.77	7.74	83.00
Groundnut	788.31	4675.37	542.73	4075.63	725.71	5444.33	504.04	3386.30	489.19	3297.32	664.44	5096.39	638.32	5380.24	514.12	4696.98	669.51	6735.35
Other oil seeds	247.54	1135.36	204.62	964.47	193.27	846.58	295.10	1126.32	213.84	926.75	89.64	437.42	84.57	455.63	60.24	515.20	58.23	555.79
Vegetable oils	423.72	580.13	30.60	522.94	60.47	779.97	37.06	566.04	49.96	744.58	85.24	1208.65	302.22	4453.17	98.37	1650.00	201.48	3536.28
Oil meals	3904.59	8129.18	2056.36	3599.56	2632.26	5410.10	3570.78	7043.15	4493.29	10557.48	2655.79	5861.35	4366.55	11688.56	2925.70	7695.31	4183.63	12955.14
Guargam meal	665.11	9478.26	325.25	3233.87	419.95	3106.62	494.13	4169.56	513.22	4707.05	381.88	3261.60	234.88	1949.09	322.33	3340.91	406.53	4944.60
Castor oil	566.46	4710.42	586.78	4616.10	599.20	4521.51	697.09	6730.00	619.38	6170.12	593.91	6323.84	734.34	6801.99	715.21	8754.35	645.82	10133.38
Shellac	5.24	267.47	6.39	203.31	6.06	225.53	6.53	285.18	7.00	304.79	7.17	411.94	7.88	649.83	8.49	790.24	5.44	850.64
Sugar	1955.19	5328.83	3844.45	9824.52	2544.01	8659.54	1757.93	5225.60	3989.66	9523.14	5798.53	13981.56	7517.92	20668.57	10457.08	34344.69	11755.64	46310.95
Mollases	247.61	193.01	818.57	656.84	390.67	314.94	123.97	97.45	845.96	586.80	593.62	517.51	1317.68	1316.22	1404.98	1625.75	1623.23	2063.82
Fruits / vegetable seeds	12.50	427.04	13.10	529.19	11.29	522.75	14.47	670.91	17.53	866.31	19.22	771.66	32.29	929.63	20.99	843.82	21.45	947.82
Fresh fruits	539.23	3160.08	654.66	4191.24	817.06	4974.21	714.00	4913.28	823.09	5538.15	834.84	5496.38	973.18	5668.75	1166.44	6565.84	1096.09	6974.51
Fresh vegetables	2081.80	4666.45	2104.36	5237.10	3404.07	5790.71	2448.02	5297.72	3192.49	5679.10	1930.51	4617.34	2339.68	5388.03	2468.40	6075.83	3383.59	7459.90
Processed vegetables	186.04	1721.89	174.43	1697.22	192.86	1765.75	212.20	1823.36	228.97	2055.41	223.31	2212.03	367.10	3150.06	308.28	3072.77	366.51	4094.32
Processed fruits and juices	588.38	3626.86	532.29	3767.08	533.15	3921.08	573.28	4169.13	594.49	4481.25	568.88	4590.96	532.87	5150.80	629.70	5802.53	620.58	7319.98
Cereal preparations	313.67	3036.64	316.54	3358.12	339.95	3565.55	353.35	3561.69	347.81	3859.46	342.65	3885.30	403.99	4714.68	415.53	4864.17	480.75	6055.96
Cocoa products	33.37	848.66	32.65	1267.61	25.65	1086.77	29.58	1144.35	27.61	1350.86	27.43	1274.69	25.78	1108.38	27.32	1145.45	34.25	1242.14
Milled products	420.85	1030.61	431.46	1102.73	255.80	813.54	270.40	876.62	307.42	1063.03	286.45	1074.62	397.06	1536.27	699.57	2282.00	637.76	2278.50
Misc processed items	-	2772.44	-	2907.85	-	3053.79	-	3548.95	-	4613.38	-	4586.80		6402.84		8714.70	0.00	11432.26
Animal casings	0.26	19.33	0.21	17.02	0.17	13.84	12.42	327.44	14.88	480.66	12.82	398.50	13.89	416.54	13.83	474.04	12.58	326.02
Buffalo meat	1503.51	29282.58	1314.22	26684.22	1323.58	26161.38	1350.25	26035.19	1233.38	25091.43	1152.32	22661.12	1085.61	23459.89	1175.33	24612.74	1175.53	25639.86
Sheep/goat meat	23.61	828.11	21.95	837.76	22.01	869.84	22.80	843.61	21.67	867.53	14.37	654.05	7.11	330.45	8.70	448.07	10.08	545.42
Other meat	0.26	2.67	0.00	0.00	0.01	0.21	0.45	7.00	0.85	13.73	1.05	16.57	0.89	18.06	1.95	45.50	0.76	19.14
Processed meat	0.41	14.20	0.28	6.16	0.14	4.58	0.27	9.89	0.41	13.92	0.44	15.25	0.78	12.65	0.47	11.54	0.34	12.70
Dairy products	104.17	2169.03	77.53	1677.46	90.35	1701.18	102.26	1954.63	180.69	3375.73	111.17	1983.84	118.33	2391.20	191.95	4744.13	156.95	4712.39
Poultry products	-	651.19	-	769.14	-	530.44	-	552.09	-	687.22	-	574.65		435.50		529.94	0.00	1081.62
Floriculture products	22.95	460.80	22.69	483.41	22.02	546.71	20.70	507.32	19.69	571.43	16.95	541.61	15.70	575.99	23.70	772.40	21.05	708.48
Alcoholic beverages	-	2264.89	-	2030.92	-	2004.79	-	2105.78	-	2103.97	-	1649.31		2446.82		2042.81	0.00	2616.96
Marine products	1231.81	33688.38	978.04	31219.48	1185.27	39593.78	1432.46	47646.41	1672.39	47664.94	1329.03	47618.10	1167.76	44175.75	1398.01	57910.36	1754.20	64902.16
Ayush and herbal products	92.06	2169.49	95.88	2385.49	83.36	2693.57	89.10	2940.06	108.05	3127.26	92.24	3033.04	120.56	3997.05	126.11	4563.52	122.52	5051.35
Jute, raw	37.39	119.20	25.11	113.58	18.18	76.63	27.20	95.43	25.65	107.74	21.66	103.48	30.56	191.49	31.95	222.63	31.37	187.41
Jute hessian	-	770.08	-	824.89	-	927.32	-	909.94	-	795.77	-	729.54		803.88		1104.64	0.00	1062.46
Cotton raw incld. Waste	1142.53	11642.64	1347.07	12821.13	996.09	10907.32	1101.47	12200.05	1143.07	14627.55	657.81	7539.53	1213.98	13968.38	1258.63	21007.04	318.47	6218.35
Total Agricultural Exports	**-**	**239681.04**	**-**	**215396.32**	**-**	**226651.91**	**-**	**251563.94**	**-**	**274571.28**		**252976.06**		**308830.00**		**375662.47**		**427767.46**
Total National Exports	**-**	**1896348.42**	**-**	**1716384.40**	**-**	**1849433.55**	**-**	**1956514.53**	**-**	**2307726.19**		**2219854.17**		**2159043.00**		**3147021.49**		**3621549.88**
% Share of Agricultural Exports in National Exports	**-**	***12.64***	**-**	***12.55***	**-**	***12.26***	**-**	***12.86***	**-**	***11.90***		***11.40***		***14.30***		***11.94***		***11.81***

Source :- Directorate General of Commercial Intelligence & Statistics, Department of Commerce.

2.61 : Tariffs and Bound Rates on Major Agricultural Commodities / Groups

(As on 21.03.2023)

S.No	Item description	Previling Basic Customs Duty**(BCD)** in % (**as on 21.03.2023**)	Agriculture Infrastructure and Development Cess**(AIDC)** in % (as on **21.03.2023)**	Bound duty (%)
(1)	(2)	(3)	(4)	(5)
I.	**Cereals and Pulses**			
1	Pulses	Chickpeas-10%, Bengal Gram-10%, Kabuli Chana-10%, Tur whole-Nil, Yellow Peas-10%, Lentils-Nil, Rest- Nil	Chickpeas-50%, Bengal Gram– 50%,Kabuli Chana -30%, Yellow Peas-40%, Lentils -10%, Rest Nil	Peas: 50, Rest: 100
2	Wheat	40%	Nil	100%
3	Maize (Corn) seed	50%	Nil	70%
4	Rice in the husk	80%	Nil	80%
5	Husked (brown) rice; broken rice	80%	Nil	80%
6	Semi-milled or wholly milled rice whether or not polished	70%	Nil	70%
7	Jowar	50%	Nil	70%
8	Bajra	50%	Nil	70%
9	Ragi	50%	Nil	70%
10	Sorghum	50%	Nil	80%
11	Buck wheat	Nil	Nil	100%
12	Other cereals (Rye, Barley etc.)	Nil	Nil	100%
II.	**Cereals Products**			
1	Atta	30%	Nil	150%
2	Maida	30%	Nil	150%
3	Sooji	30%	Nil	150%
4	Wheat and potato starch	30%	Nil	35%
5	Flour, meal and powder of dried leguminous vegetables including sago, tamarind and mango	30%	Nil	150%
6	Other starches	50%	Nil	100%
7	Roasted malt	30%	Nil	100%
8	Unroasted malt	30%	Nil	40%
III	**Dairy Products**			
1	Fresh milk and cream	30%	Nil	100* (varies with fat content)
2	Butter and melted butter (ghee)	40%	Nil	40%
3	Cheese	30%	Nil	40%
4	Milk powder	60%	Nil	60%
5	Yoghurt	30%	Nil	150%
IV	**Plantation Crops**			
1	Tea	100%	Nil	150%
2	Coffee	100%	Nil	100% for non-decaffinated and 150% for decaffinated.
3	Coconut	70%	Nil	100%
4	Copra	70%	Nil	100%
5	Cassia and cinnamon	30%	Nil	100%
6	Cloves	35%	Nil	100%
7	Other Spices	30%	Nil	150%
V.	**Meat & Poultry**			
1	Chicken sausages	100%	Nil	150%
2	Chicken leg (processed)	100%	Nil	150%
3	Meat of chicken, not cut in pieces	30%	Nil	100%
4	Meat of bovine animals, fresh or chilled	30%	Nil	100%
5	Other meat and offal	30%	Nil	100%
6	Processed hams	30%	Nil	55%
7	Fish	30%	Nil	U
VI.	**Raw/ White/ Refined Sugar**	100%	Nil	150%
VII.	**Horticulture**			
1	Apples	15%	35%	50%
2	Grapefruit	25%	Nil	40%
3	Strawberries	30%	Nil	100%
4	Dried apricots	30%	Nil	150%
5	Banana	30%	Nil	100%
6	Pears and Quinces (fresh)	30%	Nil	-
7	Oranges; lemons and limes; fresh grapes	30%	Nil	40%
8	Fresh pomegranates, lichi, tamarind (fresh), custard apple	30%	Nil	100%
9	Garlic	100%	Nil	100%
10	Onions & Shallots	Nil	Nil	100%
11	Mushrooms	30%	Nil	35%

contd…

2.61 : Tariffs and Bound Rates on Major Agricultural Commodities / Groups

(As on 21.03.2023)

S.No	Item description	Previling Basic Customs Duty**(BCD)** in % (**as on 21.03.2023**)	Agriculture Infrastructure and Development Cess**(AIDC)** in % (as on **21.03.2023)**	Bound duty (%)
(1)	(2)	(3)	(4)	(5)
12	Potato (fresh or chilled)	30%	Nil	100%
13	Sweet Potato	30%	Nil	150%
14	Frozen vegetables-peas, beans, spinach, sweet corn etc.	30%	Nil	150%
15	Other edible roots and tubers with high starch or insulin content, fresh or chilled (cassava)	30%	Nil	150%
16	Other vegetables (mixture of vegetables)	30%	Nil	35%
17	Arecanut	100%	Nil	100%
18	Hop cones (ground, powdered or inpellets)	30%	Nil	75%
19	Hop cones (other than ground, powdered or inpellets)	30%	Nil	100%
20	Betel leaves	30%	Nil	100%
21	Planting materials of oilseeds	5%	Nil	100%
22	Oilseeds, misc grains, seeds of fruits, industrial or medicinal plants (other than the kind used for sowing and hop cones)	15%/30%/45%	Nil	100%
23	Basil, hyasop, rosemary, sage, savory, comboge fruit rind	30%	Nil	100%
24	Apricot, peach, cherries	30%	Nil	100%
25	Seeds of a kind used for sowing (other than vegetable seeds)	Others-15%	Nil	100%
26	Vegetable seeds	5%	Nil	100%
27	Oil-cake and oil-cake meal solvent extracted (defatted) varieties of coconut/copra' oil-cake and oil-cake meal expeller variety of conconut/copra.other residue of coconut/ copra	15%	Nil	100%
VIII.	**Edible Oils (Crude)**			
1	Soybean Oil	Nil	5%	45%
2	Palm Oil	6%	5.00%	300%
3	Groundnut Oil	35%	Nil	300%
4	Sunflower	Nil	5%	300%
5	Safflower	35%	Nil	
6	Coconut Oil	35%	Nil	300%
7	Rapeseed Oil	35%	Nil	75%
8	Colza or Mustard Oil	35%	Nil	75%
9	Castor Oil/ Tung Oil	35%	Nil	100%
10	Other Oils	35%	Nil	300%
11	Safflower	35%	Nil	300%
IX	**Edible Oils (Refined)**			
1	Soybean Oil	17.50%	Nil	45%
2	RBD Palmolein	12.50%	Nil	300%
3	Palm Oil	12.50%	Nil	300%
4	Groundnut Oil	45%	Nil	300%
5	Sunflower	17.50%	Nil	300%
6	Coconut Oil Edible grade	45%	Nil	300%
7	Coconut Oil Other	45%	Nil	300%
8	Rapeseed Oil	45%	Nil	75%
9	Colza or Mustard Oil	45%	Nil	75%
10	Castor Oil/ Tung Oil	45%	Nil	100%
11	Safflower	45%	Nil	300%
12	Other Oils edible grade	45% (40% for olive oil)	Nil	300% (40% for olive oil)

Source : Department of Revenue, Ministry of Finance.

2.62 (a): Statement on financial year-wise FDI equity inflows from April 2001 to September 2022 in agriculture services sector

S. No.	Year	FDI (in US$ million)
(1)	(2)	(3)
1	2001-02 (Apr-Mar)	14.06
2	2002-03	11.01
3	2003-04	0.59
4	2004-05	3.83
5	2005-06	9.08
6	2006-07	12.53
7	2007-08	58.13
8	2008-09	5.35
9	2009-10	1222.22
10	2010-11	43.9
11	2011-12	49.02
12	2012-13	161.47
13	2013-14	91.01
14	2014-15	59.95
15	2015-16	84.65
16	2016-17	76.43
17	2017-18	110.19
18	2018-19	88.76
19	2019-20	52.19
20	2020-21	117.1
21	2021-22	258.47
22	2022-23 (Apr-Sep)	82.7
Grand Total		**2612.63**

Source :DPIIT, Ministry of Commerce & Industry

2.62 (b): Statement on State-wise FDI equity inflows from October 2019 to September 2022 in Agriculture Services Sector

Sr. No.	State Name	Amount of FDI Equity Inflows (In US$ Million)	%age with Inflows
(1)	(2)	(3)	(4)
1	Andhra Pradesh	3.20	0.66
2	Bihar	155.20	31.84
3	Chandigarh	0.13	0.03
4	Delhi	98.83	20.28
5	Gujarat	30.53	6.26
6	Haryana	4.50	0.92
7	Himachal Pradesh	0.92	0.19
8	Karnataka	23.11	4.74
9	Kerala	0.95	0.19
10	Madhya Pradesh	1.88	0.39
11	Maharashtra	19.34	3.97
12	Odisha	0.01	0.00
13	Punjab	0.25	0.05
14	Rajasthan	7.11	1.46
15	Tamil Nadu	41.12	8.44
16	Telangana	58.98	12.10
17	Uttar Pradesh	40.94	8.40
	West Bengal	0.38	0.08
	Gross-Total	**487.39**	

Source :DPIIT, Ministry of Commerce & Industry

2.63 (a): Wholesale Price Index of Foodgrains (Base:2011-12=100)
Index :

All Commodities/Groups/Items	Weights	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
All Commodities	100.00	106.9	112.5	113.9	109.7	111.6	114.9	119.8	121.8	123.4	139.4	152.5
I Primary Articles	22.62	111.4	122.4	125.1	124.6	128.9	130.6	134.2	143.3	145.7	160.7	176.8
(A). Food Articles	15.26	110.9	124.5	131.5	134.9	140.3	143.2	143.7	155.8	160.7	167.3	179.5
A. Food Grains (Cereals+Pulses)	3.46	115.1	124.5	128.4	137.3	152.0	142.6	146.7	159.6	159.3	163.5	178.6
A1. Cereals	2.82	114.1	126.6	129.9	131.3	142.7	143.1	151.0	162.3	158.1	160.7	178.9
Paddy	1.43	113.2	129.1	136.6	134.7	143.6	149.4	155.3	160.5	163.5	162.3	170.7
Wheat	1.03	115.3	124.9	123.4	128.4	142.1	138.7	149.4	159.2	152.9	160.1	184.9
Jowar	0.07	96.8	100.4	115.8	113.9	124.5	123.4	130.3	161.1	154.3	143.3	180.1
Bajra	0.09	120.0	133.0	129.6	133.8	155.1	139.1	150.4	193.7	161.2	167.9	213.0
Maize	0.19	116.0	123.1	118.5	125.5	137.0	124.7	133.2	175.4	143.3	152.1	187.2
Barley	0.01	115.6	119.2	126.8	129.1	155.2	140.6	149.8	172.9	154.6	169.0	233.5
Ragi	0.01	139.9	167.5	161.0	161.0	198.6	234.1	214.7	220.9	228.3	231.7	218.4
A2. Pulses	0.64	120.0	114.9	121.7	164.0	192.8	140.5	127.3	147.6	164.7	176.0	177.1
Gram	0.26	135.3	109.4	103.0	142.0	219.2	164.8	135.7	145.1	153.2	167.6	163.7
Arhar	0.13	109.8	118.0	128.1	193.2	181.1	116.8	118.2	149.8	165.9	177.6	188.4
Moong	0.07	108.6	122.6	145.7	165.2	136.8	114.0	119.6	142.8	170.0	166.1	167.3
Masur	0.05	115.5	132.9	153.9	188.0	176.9	135.4	122.9	139.8	160.3	192.5	200.3
Urad	0.09	96.6	100.4	124.1	180.0	201.6	128.2	114.3	149.4	186.7	183.4	181.7
Peas/Chawali	0.02	131.1	137.5	132.7	132.8	141.3	135.7	165.4	188.7	196.7	210.3	206.2
Rajma	0.01	151.0	176.4	164.7	155.5	159.6	151.4	132.8	137.4	158.9	223.9	246.4
Sugar	1.06	111.7	107.0	105.6	95.2	122.6	126.8	113.2	117.6	117.3	121.6	124.8
Gur	0.02	112.0	116.2	116.7	109.9	123.1	133.1	124.9	131.0	132.9	134.5	140.5
(B). Non-Food Articles	4.12	113.3	118.4	115.1	118.2	122.2	119.6	123.1	128.7	130.5	158.1	172.1
II Fuel & Power	13.15	107.1	114.7	107.7	86.5	86.3	93.3	104.1	102.2	94.0	124.6	159.5
III Manufactured Products	64.23	105.3	108.5	111.2	109.2	110.7	113.8	117.9	118.3	121.5	135.0	142.6

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

2.63 (b): Wholesale Price based Inflation(Year-over-Year) of Foodgrains

All Commodities/Groups/Items	Weights	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
All Commodities	100.00		5.24	1.24	-3.69	1.73	2.96	4.26	1.67	1.31	12.97	9.40
I Primary Articles	22.62		9.87	2.21	-0.40	3.45	1.32	2.76	6.78	1.67	10.30	10.02
(A). Food Articles	15.26		12.26	5.62	2.59	4.00	2.07	0.35	8.42	3.15	4.11	7.29
A. Food Grains (Cereals+Pulses)	3.46		8.17	3.13	6.93	10.71	-6.18	2.88	8.79	-0.19	2.64	9.24
A1. Cereals	2.82		10.96	2.61	1.08	8.68	0.28	5.52	7.48	-2.59	1.64	11.33
Paddy	1.43		14.05	5.81	-1.39	6.61	4.04	3.95	3.35	1.87	-0.73	5.18
Wheat	1.03		8.33	-1.20	4.05	10.67	-2.39	7.71	6.56	-3.96	4.71	15.49
Jowar	0.07		3.72	15.34	-1.64	9.31	-0.88	5.59	23.64	-4.22	-7.13	25.68
Bajra	0.09		10.83	-2.56	3.24	15.92	-10.32	8.12	28.79	-16.78	4.16	26.86
Maize	0.19		6.12	-3.74	5.91	9.16	-8.98	6.82	31.68	-18.30	6.14	23.08
Barley	0.01		3.11	6.38	1.81	20.22	-9.41	6.54	15.42	-10.58	9.31	38.17
Ragi	0.01		19.73	-3.88	0.00	23.35	17.88	-8.29	2.89	3.35	1.49	-5.74
A2. Pulses	0.64		-4.25	5.92	34.76	17.56	-27.13	-9.40	15.95	11.59	6.86	0.62
Gram	0.26		-19.14	-5.85	37.86	54.37	-24.82	-17.66	6.93	5.58	9.40	-2.33
Arhar	0.13		7.47	8.56	50.82	-6.26	-35.51	1.20	26.73	10.75	7.05	6.08
Moong	0.07		12.89	18.84	13.38	-17.19	-16.67	4.91	19.40	19.05	-2.29	0.72
Masur	0.05		15.06	15.80	22.16	-5.90	-23.46	-9.23	13.75	14.66	20.09	4.05
Urad	0.09		3.93	23.61	45.04	12.00	-36.41	-10.84	30.71	24.97	-1.77	-0.93
Peas/Chawali	0.02		4.88	-3.49	0.08	6.40	-3.96	21.89	14.09	4.24	6.91	-1.95
Rajma	0.01		16.82	-6.63	-5.59	2.64	-5.14	-12.29	3.46	15.65	40.91	10.05
Sugar	1.06		-4.21	-1.31	-9.85	28.78	3.43	-10.73	3.89	-0.26	3.67	2.63
Gur	0.02		3.75	0.43	-5.83	12.01	8.12	-6.16	4.88	1.45	1.20	4.46
All Commodities/Groups/Items	4.12		4.50	-2.79	2.69	3.38	-2.13	2.93	4.55	1.40	21.15	8.86
II Fuel & Power	13.15		7.10	-6.10	-19.68	-0.23	8.11	11.58	-1.83	-8.02	32.55	28.01
III Manufactured Products	64.23		3.04	2.49	-1.80	1.37	2.80	3.60	0.34	2.70	11.11	5.63

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

2.64 (a): Wholesale Price Index of Commercial Crops (Base:2011-12=100)

Index :

Groups/Sub-Groups/Items	Weights	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
A. Oil Seeds	1.12	126.8	125.6	129.2	136.6	136.0	129.9	140.5	151.4	161.7	214.4	205.2
Groundnut Seed	0.27	120.5	108.2	106.9	127.9	138.2	122.5	118.3	142.5	154.8	164.2	179.8
Rape & Mustard Seed	0.25	131.1	119.1	122.7	145.9	149.4	134.1	142.2	145.1	163.7	210.5	198.8
Cotton Seed	0.01	108.7	116.2	117.4	136.4	160.2	143.8	139.4	149.7	158.8	178.6	183.1
Copra (Coconut)	0.07	80.8	101.4	156.9	132.5	111.1	179.7	210.1	189.2	194.0	209.5	181.9
Gingelly Seed (Sesamum)	0.01	139.8	154.5	133.7	111.1	118.6	121.6	148.6	175.2	182.3	182.6	191.2
Linseed	0.01	125.4	126.4	127.3	132.5	167.6	155.5	146.2	161.5	171.6	220.5	234.4
Castor Seed	0.10	84.7	85.1	93.8	89.5	85.0	103.1	111.2	115.4	103.2	124.4	136.0
Niger Seed	0.00	118.4	115.9	127.3	222.8	207.6	201.3	145.1	169.9	191.0	249.1	243.5
Safflower (Kardi Seed)	0.00	114.4	113.7	99.0	107.4	114.0	135.0	145.0	185.3	162.2	196.8	206.1
Sunflower	0.02	112.0	114.3	108.7	114.5	111.5	99.8	112.7	121.1	129.6	174.5	175.6
Soyabean	0.38	149.4	157.5	154.6	151.1	143.8	129.9	150.1	164.0	174.6	280.8	251.6
A1. Manufacture Of Vegetable And Animal Oils And F	2.64	106.3	104.0	102.0	98.7	107.0	109.4	117.6	119.3	143.5	187.2	181.9
Mustard Oil	0.18	116.9	105.8	109.4	124.5	124.7	118.1	124.5	126.2	159.0	220.0	197.5
Rapeseed Oil	0.01	114.7	108.0	107.2	119.8	119.0	111.2	112.1	117.3	135.4	181.2	163.1
Copra Oil	0.03	91.6	107.7	155.2	141.3	129.4	162.4	181.2	167.1	180.3	192.8	169.7
Groundnut Oil	0.06	122.8	104.1	94.5	109.9	119.5	108.4	109.5	122.0	144.7	160.4	175.9
Cotton Seed Oil	0.07	106.8	102.6	99.3	97.9	100.8	101.6	110.0	113.8	131.9	171.3	172.2
Sunflower Oil	0.23	105.6	106.6	95.4	101.3	105.0	103.4	109.9	112.2	134.5	161.8	166.0
Soyabean Oil	0.34	110.9	107.2	102.7	98.5	104.5	106.1	112.3	114.4	132.7	179.8	178.7
Castor Oil	0.03	92.9	97.2	103.4	97.4	95.9	106.8	112.7	116.3	111.0	139.9	165.6
Rice Bran Oil	0.30	108.0	101.7	101.6	98.5	109.4	111.2	123.2	120.9	144.6	196.8	193.8
Palm Oil	1.02	103.4	103.7	100.8	92.4	103.9	108.4	116.9	117.3	147.6	196.9	187.6
B. Fruits & Vegetables	3.48	114.9	140.4	146.5	139.2	138.7	155.9	147.3	174.7	179.2	187.6	200.6
B1. Vegetables	1.87	123.5	163.6	159.4	145.7	138.0	164.0	150.2	197.0	203.6	204.5	215.0
Potato	0.28	162.9	176.5	227.3	127.5	175.6	117.9	192.6	193.9	290.7	191.4	238.1
Onion	0.16	126.1	270.5	194.0	253.6	117.4	212.0	138.0	306.5	255.2	237.1	175.0
B2. Fruits	1.60	104.9	113.3	131.5	131.6	139.5	146.5	144.0	148.6	150.7	167.7	183.8
Banana	0.33	113.2	132.5	146.2	137.1	144.9	158.3	140.6	133.8	129.9	146.3	155.0
Mango	0.46	96.0	86.8	107.3	121.2	132.1	126.7	130.2	155.4	180.8	162.3	216.1
Apple	0.08	106.9	104.3	110.0	101.0	109.1	114.3	108.7	104.1	113.9	130.4	125.3
Orange	0.13	110.5	107.8	111.8	106.9	124.0	125.2	112.8	111.1	130.0	222.5	231.6
C. Condiments & Spices	0.53	87.1	102.7	120.8	138.9	140.5	125.2	129.6	143.9	149.5	159.8	187.2
Black Pepper	0.02	129.6	139.1	183.5	183.6	186.7	158.0	135.7	128.2	123.8	147.8	166.1
Chillies (Dry)	0.14	83.6	94.4	109.0	130.4	135.7	111.6	126.7	143.2	157.9	166.3	233.4
Turmeric	0.10	79.8	103.0	109.3	121.5	117.3	119.7	118.7	114.0	115.5	124.0	116.1
D. Raw Cotton	0.66	95.0	108.6	95.8	89.5	106.8	107.5	116.6	116.0	105.3	142.4	195.9
E. Raw Jute	0.05	110.3	120.9	132.5	181.5	208.0	160.4	181.9	200.7	235.3	287.1	270.7

Source: Office Of The Economic Adviser, Ministry Of Commerce & Industry.

2.64 (b): Wholesale Price based Inflation (Year-over-Year) of Commercial Crops

Inflation	Weights	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
A. Oil Seeds	1.12		-0.95	2.87	5.73	-0.44	-4.49	8.16	7.76	6.80	32.59	-4.29
Groundnut Seed	0.27		-10.21	-1.20	19.64	8.05	-11.36	-3.43	20.46	8.63	6.07	9.50
Rape & Mustard Seed	0.25		-9.15	3.02	18.91	2.40	-10.24	6.04	2.04	12.82	28.59	-5.56
Cotton Seed	0.01		6.90	1.03	16.18	17.45	-10.24	-3.06	7.39	6.08	12.47	2.52
Copra (Coconut)	0.07		25.50	54.73	-15.55	-16.15	61.75	16.92	-9.95	2.54	7.99	-13.17
Gingelly Seed (Sesamum)	0.01		10.52	-13.46	-16.90	6.75	2.53	22.20	17.90	4.05	0.16	4.71
Linseed	0.01		0.80	0.71	4.08	26.49	-7.22	-5.98	10.47	6.25	28.50	6.30
Castor Seed	0.10		0.47	10.22	-4.58	-5.03	21.29	7.86	3.78	-10.57	20.54	9.32
Niger Seed	0.00		-2.11	9.84	75.02	-6.82	-3.03	-27.92	17.09	12.42	30.42	-2.25
Safflower (Kardi Seed)	0.00		-0.61	-12.93	8.48	6.15	18.42	7.41	27.79	-12.47	21.33	4.73
Sunflower	0.02		2.05	-4.90	5.34	-2.62	-10.49	12.93	7.45	7.02	34.65	0.63
Soyabean	0.38		5.42	-1.84	-2.26	-4.83	-9.67	15.55	9.26	6.46	60.82	-10.40
A1. Manufacture Of Vegetable And Animal Oils And F	2.64		-2.16	-1.92	-3.24	8.41	2.24	7.50	1.45	20.28	30.45	-2.83
Mustard Oil	0.18		-9.50	3.40	13.80	0.16	-5.29	5.42	1.37	25.99	38.36	-10.23
Rapeseed Oil	0.01		-5.84	-0.74	11.75	-0.67	-6.55	0.81	4.64	15.43	33.83	-9.99
Copra Oil	0.03		17.58	44.10	-8.96	-8.42	25.50	11.58	-7.78	7.90	6.93	-11.98
Groundnut Oil	0.06		-15.23	-9.22	16.30	8.74	-9.29	1.01	11.42	18.61	10.85	9.66
Cotton Seed Oil	0.07		-3.93	-3.22	-1.41	2.96	0.79	8.27	3.45	15.91	29.87	0.53
Sunflower Oil	0.23		0.95	-10.51	6.18	3.65	-1.52	6.29	2.09	19.88	20.30	2.60
Soyabean Oil	0.34		-3.34	-4.20	-4.09	6.09	1.53	5.84	1.87	16.00	35.49	-0.61
Castor Oil	0.03		4.63	6.38	-5.80	-1.54	11.37	5.52	3.19	-4.56	26.04	18.37
Rice Bran Oil	0.30		-5.83	-0.10	-3.05	11.07	1.65	10.79	-1.87	19.60	36.10	-1.52
Palm Oil	1.02		0.29	-2.80	-8.33	12.45	4.33	7.84	0.34	25.83	33.40	-4.72
B. Fruits & Vegetables	3.48		22.19	4.34	-4.98	-0.36	12.40	-5.52	18.60	2.58	4.69	6.93
B1. Vegetables	1.87		32.47	-2.57	-8.59	-5.28	18.84	-8.41	31.16	3.35	0.44	5.13
Potato	0.28		8.35	28.78	-43.91	37.73	-32.86	63.36	0.67	49.92	-34.16	24.40
Onion	0.16		114.51	-28.28	30.72	-53.71	80.58	-34.91	122.10	-16.74	-7.09	-26.19
B2. Fruits	1.60		8.01	16.06	0.08	6.00	5.02	-1.71	3.19	1.41	11.28	9.60
Banana	0.33		17.05	10.34	-6.22	5.69	9.25	-11.18	-4.84	-2.91	12.63	5.95
A. Oil Seeds	0.46		-9.58	23.62	12.95	8.99	-4.09	2.76	19.35	16.34	-10.23	33.15
Apple	0.08		-2.43	5.47	-8.18	8.02	4.77	-4.90	-4.23	9.41	14.49	-3.91
Orange	0.13		-2.44	3.71	-4.38	16.00	0.97	-9.90	-1.51	17.01	71.15	4.09
C. Condiments & Spices	0.53		17.91	17.62	14.98	1.15	-10.89	3.51	11.03	3.89	6.89	17.15
Black Pepper	0.02		7.33	31.92	0.05	1.69	-15.37	-14.11	-5.53	-3.43	19.39	12.38
Chillies (Dry)	0.14		12.92	15.47	19.63	4.06	-17.76	13.53	13.02	10.27	5.32	40.35
A. Oil Seeds	0.10		29.07	6.12	11.16	-3.46	2.05	-0.84	-3.96	1.32	7.36	-6.37
D. Raw Cotton	0.66		14.32	-11.79	-6.58	19.33	0.66	8.47	-0.51	-9.22	35.23	37.57
E. Raw Jute	0.05		9.61	9.59	36.98	14.60	-22.88	13.40	10.34	17.24	22.01	-5.71

Source: Office Of The Economic Adviser, Ministry Of Commerce & Industry.

2.65: Consumer Price Index (Combined) and growth rate (Inflation) of Food and Beverages (Base: 2012=100)

Group/ Sub-Group	Weight	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
General Index (All Groups)	**100**	**102.5**	**112.2**	**118.9**	**124.7**	**130.3**	**135.0**	**139.6**	**146.3**	**155.3**	**165.1**	**176.0**
			(9.4)	**(5.9)**	**(4.9)**	**(4.5)**	**(3.6)**	**(3.4)**	**(4.8)**	**(6.1)**	**(6.3)**	**(6.6)**
Food and Beverages	**45.86**	**103.3**	**115.6**	**123.1**	**129.4**	**135.2**	**138.1**	**139.1**	**147.5**	**158.3**	**166.3**	**174.7**
			(11.9)	**(6.5)**	**(5.1)**	**(4.4)**	**(2.2)**	**(0.7)**	**(6.0)**	**(7.3)**	**(5.1)**	**(5.1)**
Cereals & Products	9.67	103.8	116.6	122.6	124.9	130.2	134.7	137.5	141.4	146.8	148.5	164.0
			(12.3)	(5.2)	(1.8)	(4.2)	(3.5)	(2.1)	(2.8)	(3.8)	(1.1)	(10.4)
Meat and fish	3.61	103.7	112.6	121.0	128.2	134.8	141.3	148.8	162.6	187.7	203.8	211.0
			(8.6)	(7.5)	(6.0)	(5.1)	(4.8)	(5.3)	(9.3)	(15.4)	(8.6)	(3.5)
Egg	0.43	103.7	115.0	118.7	121.5	129.6	134.3	137.3	143.5	162.0	174.1	175.6
			(10.9)	(3.2)	(2.3)	(6.7)	(3.6)	(2.3)	(4.5)	(12.9)	(7.4)	(0.9)
Milk and products	6.61	102.2	111.0	122.5	128.8	134.1	139.6	142.2	146.3	154.2	159.4	170.3
			(8.6)	(10.3)	(5.2)	(4.1)	(4.1)	(1.8)	(2.9)	(5.4)	(3.4)	(6.8)
Oils and fats	3.56	102.8	105.6	108.1	112.7	117.3	119.2	121.6	125.1	136.8	187.8	191.2
			(2.7)	(2.4)	(4.3)	(4.0)	(1.6)	(2.1)	(2.9)	(9.4)	(37.2)	(1.8)
Fruits	2.89	103.0	111.9	127.4	129.4	135.6	141.9	145.2	146.2	149.9	161.1	166.7
			(8.6)	(13.9)	(1.5)	(4.8)	(4.6)	(2.3)	(0.7)	(2.6)	(7.5)	(3.5)
Vegetables	6.04	105.7	137.5	142.3	144.2	141.1	149.3	141.6	171.7	181.7	170.3	173.6
			(30.2)	(3.4)	(1.4)	(-2.2)	(5.8)	(-5.2)	(21.3)	(5.8)	(-6.3)	(1.9)
Pulses and products	2.38	102.9	107.5	116.0	153.0	167.2	132.1	121.1	133.1	154.9	164.5	168.2
			(4.4)	(7.9)	(31.9)	(9.3)	(-21.0)	(-8.3)	(9.9)	(16.4)	(6.2)	(2.2)
Sugar and confectionery	1.36	103.0	102.1	101.7	94.5	113.0	119.9	111.5	112.5	106.3	118.5	120.7
			(-0.9)	(-0.4)	(-7.0)	(19.6)	(6.1)	(-7.0)	(0.8)	(-5.5)	(11.5)	(1.9)
Spices	2.5	100.9	108.2	117.5	128.8	138.0	136.4	139.4	145.5	161.4	171.7	197.5
			(7.3)	(8.6)	(9.6)	(7.1)	(-1.1)	(2.2)	(4.4)	(10.9)	(6.4)	(15)
Non-alcoholic beverages	1.26	102.2	110.6	115.8	121.0	125.7	128.5	131.8	135.2	146.3	163.1	169.6
			(8.3)	(4.7)	(4.5)	(3.9)	(2.2)	(2.6)	(2.6)	(8.2)	(11.5)	(4)
Prepared meals; snacks; sweets etc.	5.55	103.2	114.8	124.1	132.9	140.5	147.4	153.4	157.2	164.3	175.5	187.6
			(11.2)	(8.1)	(7.1)	(5.7)	(4.9)	(4.1)	(2.4)	(4.5)	(6.8)	(6.9)
Consumer Food Price Index	**39.06**	**103.4**	**115.9**	**123.2**	**129.2**	**129.2**	**137.1**	**137.3**	**146.5**	**157.8**	**165.0**	**174.6**
			(12.1)	**(6.4)**	**(4.9)**	**(0.0)**	**(6.1)**	**(0.1)**	**(6.7)**	**(7.7)**	**(4.6)**	**(5.8)**

Source : National Statistical Office

Notes:

1. Figures are as per New CPI series introduced from January 2011. Data for this series is available with Base: 2012=100
2. Yearly indices are simple average of monthly indices
3.Figures in the parentheses show percentage Growth Rate (inflation) of CPI
4. Data is imputed for certain commodities for April, 2020 and May 2020 as due to COVID it was not feasible for the field enumerators to visit the specified retail outlets to collect data/price quotations

Imputed Sub-group Index (Food Group) = (Last Observed Index of Sub-group) x(Food Index of Current Month/Food Index of last Observed Month)

Imputed Sub-group Index (Non-Food Group) = (Last Observed Index of Sub-group) x (General CPI of Current Month/General CPI of last Observed Month)

5. CPI for 2021-22 is calculated with provisional data for the month of September 2021

2.66: Consumer Price Index (CPI) for Agricultural Labourers and its growth rate(Inflation) (Base: 1986-87=100)

Month/Year	2016	2017	2018	2019	2020	2021	2022	2023
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
January	849	870	895	915	1016	1045	1095	1170
		(2.5)	(2.9)	(2.2)	(11.0)	(2.9)	(4.8)	(6.8)
February	843	869	889	917	1010	1037	1095	1171
		(3.1)	(2.3)	(3.1)	(10.1)	(2.7)	(5.6)	(6.9)
March	843	866	887	924	1007	1035	1098	1175
		(2.7)	(2.4)	(4.2)	(9.0)	(2.8)	(6.1)	(7)
April	848	870	888	932	1014	1041	1108	1180
		(2.6)	(2.1)	(5.0)	(8.8)	(2.7)	(6.4)	(6.5)
May	860	872	891	940	1019	1049	1119	1186
		(1.4)	(2.2)	(5.5)	(8.4)	(2.9)	(6.7)	(6)
June	869	877	894	950	1018	1057	1125	1196
		(0.9)	(1.9)	(6.3)	(7.2)	(3.8)	(6.4)	(6.3)
July	877	884	902	958	1021	1061	1131	1215
		(0.8)	(2.0)	(6.2)	(6.6)	(3.9)	(6.6)	(7.4)
August	876	894	907	965	1026	1066	1140	1224
		(2.1)	(1.5)	(6.4)	(6.3)	(3.9)	(6.9)	(7.4)
September	873	893	910	976	1037	1067	1149	1226
		(2.3)	(1.9)	(7.3)	(6.3)	(2.9)	(7.7)	(6.7)
October	876	901	913	987	1052	1081	1159	1241
		(2.9)	(1.3)	(8.1)	(6.6)	(2.8)	(7.2)	(7.1)
November	878	905	914	1000	1060	1092	1167	1253
		(3.1)	(1.0)	(9.4)	(6.0)	(3.0)	(6.9)	(7.4)
December	876	900	913	1014	1047	1097	1167	1257
		(2.7)	(1.4)	(11.1)	(3.3)	(4.8)	(6.4)	(7.7)

Source : Labour Bureau

Figures in the parentheses show percentage Growth Rate (inflation) of CPI for AL

2.67: All India Index Numbers of Area of Principal Crops

(T.E.: 2007-08=100)

Crops	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24#
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
Rice	100.3	104.0	95.7	97.9	100.5	97.6	100.8	100.7	99.3	100.5	100.0	100.8	99.7	104.5	105.7	109.2	103.1
Wheat	101.9	100.9	103.5	105.7	108.6	109.1	110.8	114.4	110.6	111.9	107.8	106.6	114.0	113.2	110.7	114.2	115.5
Jowar	93.5	90.7	93.8	88.9	75.2	74.9	69.8	74.2	73.2	67.8	60.5	49.3	58.1	52.7	45.8	42.6	43.9
Bajra	100.2	91.6	93.2	100.6	91.9	76.4	81.8	76.6	74.6	78.1	78.3	74.4	79.0	80.1	71.6	79.3	73.4
Maize	103.2	103.9	105.0	108.7	111.6	110.2	115.3	116.8	111.9	122.5	119.2	114.8	121.6	125.7	126.6	136.6	126.6
Ragi	101.5	101.1	92.8	94.1	86.1	82.8	87.4	88.4	83.3	74.4	87.4	65.2	73.5	84.9	89.2	85.2	75.9
Small Millets	100.1	87.2	80.0	77.1	77.0	72.7	65.7	56.8	62.6	59.6	52.6	43.7	44.2	42.8	41.3	41.2	47.8
Barley	96.2	112.7	99.6	112.6	102.7	111.0	107.5	113.0	94.1	104.8	105.5	91.9	94.1	94.6	72.4	100.3	115.7
Coarse Cereals	**99.9**	**97.9**	**98.5**	**101.2**	**96.4**	**92.1**	**94.4**	**95.0**	**91.3**	**95.3**	**92.9**	**85.7**	**92.3**	**93.6**	**89.8**	**95.9**	**90.7**
Cereals	**100.9**	**101.6**	**99.5**	**101.8**	**103.3**	**101.6**	**104.0**	**105.7**	**102.9**	**104.5**	**102.2**	**100.8**	**104.6**	**106.5**	**105.2**	**109.2**	**106.4**
Tur	102.8	93.2	95.7	120.5	110.6	107.5	107.8	106.4	109.4	147.3	122.5	125.6	125.1	130.4	135.3	112.3	111.6
Gram	103.0	107.8	111.6	125.5	113.4	116.4	135.6	112.7	114.7	131.5	144.2	130.4	132.5	136.5	146.7	143.0	139.2
Urad	104.1	87.4	96.6	105.4	104.4	101.8	98.8	104.8	117.0	144.6	170.4	180.8	146.3	133.7	149.6	129.2	103.6
Moong	111.5	85.0	91.8	108.0	101.3	81.3	101.2	90.3	114.5	129.4	126.9	142.2	137.0	153.4	166.0	165.9	97.9
Lentil	91.5	96.4	103.7	111.9	109.5	99.7	94.0	102.9	89.4	102.4	108.6	95.5	91.3	102.9	98.9	114.7	118.8
Other Pulses	96.4	91.5	96.3	102.7	93.3	83.3	84.5	87.2	89.7	98.9	87.9	78.4	78.4	78.0	82.1	74.6	79.1
Total Pulses	**102.4**	**97.3**	**102.2**	**116.4**	**107.6**	**103.9**	**112.8**	**104.2**	**109.0**	**129.7**	**131.8**	**127.8**	**123.4**	**126.7**	**135.2**	**126.8**	**116.0**
Foodgrains	**101.2**	**100.9**	**100.0**	**104.4**	**104.1**	**102.0**	**105.6**	**105.4**	**103.9**	**109.0**	**107.4**	**105.6**	**107.9**	**110.0**	**110.5**	**112.3**	**108.1**
Groundnut	101.2	99.2	88.1	94.2	84.7	76.0	88.6	76.7	74.0	85.9	78.7	76.1	77.6	96.8	91.8	79.8	71.3
Castor	103.6	114.0	96.7	115.9	193.6	162.4	139.9	143.4	139.6	106.3	108.5	98.9	137.7	116.8	109.4	134.1	135.5
Sesamum	103.3	103.9	111.5	119.6	109.2	97.9	96.4	100.2	112.0	95.7	90.7	81.5	93.2	98.9	93.4	87.4	59.6
Niger	94.7	91.4	87.3	86.2	84.7	72.1	69.4	53.9	58.5	59.6	50.8	36.4	31.7	31.1	22.6	20.5	21.0
Soybean	106.9	114.5	117.2	115.6	121.7	130.5	141.1	131.4	139.7	134.6	124.4	134.0	146.8	155.5	146.2	157.5	156.6
Sunflower	89.4	84.8	69.0	43.4	34.2	38.8	31.4	27.6	22.8	17.8	13.3	12.3	10.7	10.6	12.7	17.0	7.4
R & M	87.9	95.0	84.3	104.1	88.9	96.0	100.2	87.5	86.7	91.6	90.1	92.4	103.4	101.0	120.5	133.5	128.5
Linseed	104.7	91.2	76.5	80.4	72.2	66.3	65.6	63.9	58.8	72.7	73.0	38.6	40.2	39.1	44.0	53.4	44.8
Safflower	90.5	83.2	81.3	68.9	70.7	51.8	50.2	49.4	36.0	40.8	23.2	13.0	14.6	15.8	22.3	30.8	19.6
Total Oilseeds	**98.5**	**101.8**	**94.8**	**101.0**	**97.5**	**97.5**	**104.1**	**94.3**	**95.4**	**97.1**	**91.1**	**92.5**	**101.1**	**108.2**	**109.1**	**113.0**	**107.1**
Sugarcane	105.3	91.9	86.9	101.7	104.9	104.1	104.0	105.5	102.6	92.4	98.6	105.4	95.8	101.0	107.8	122.5	117.6
Cotton	103.7	103.6	111.6	123.8	134.1	131.9	131.7	141.2	135.4	119.3	138.6	138.9	148.5	146.3	136.3	142.4	137.3
Jute	103.2	99.6	102.8	98.1	102.5	98.4	95.8	95.0	92.3	89.5	86.9	84.3	79.7	78.8	79.8	78.5	75.6
Mesta	102.9	81.1	66.3	69.4	67.3	60.4	57.4	42.2	38.0	40.4	39.4	27.8	31.6	28.6	26.8	27.3	27.9
Coconut	98.7	98.7	98.2	98.3	105.9	110.8	110.9	102.4	108.2	107.9	108.7	111.5	112.7	114.0	111.7	118.0	120.2
Cotton seed	103.7	103.6	111.6	123.8	134.1	131.9	131.7	141.2	135.4	119.3	138.6	138.9	148.5	146.3	131.2	143.9	143.9
Sannhamp	97.2	82.1	76.0	87.8	64.3	53.2	39.0	39.0	33.4	32.8	31.5	31.2	28.2	33.4	38.3	35.8	NA
Potato	105.0	123.6	124.0	125.9	127.6	134.6	133.3	140.3	143.1	147.3	144.8	146.9	138.6	148.9	150.4	157.6	158.1
Tapioca	101.1	111.7	92.5	88.1	68.2	82.5	90.9	82.9	81.4	79.4	69.0	65.0	69.0	73.1	68.6	66.2	68.6
Sweet potato	99.6	116.8	111.8	106.1	107.1	105.2	99.6	100.5	118.3	120.2	123.0	103.3	101.1	99.8	100.5	103.3	104.3
Onion	102.2	121.0	109.6	154.3	151.6	152.6	174.6	170.1	191.5	189.4	186.4	176.9	207.6	235.6	281.5	252.4	223.8
Banana	111.5	148.4	161.2	173.7	173.7	162.4	168.1	172.1	176.0	180.0	185.0	181.3	187.7	193.4	201.6	208.1	207.8
Tobacco	95.9	107.6	122.4	135.8	128.3	117.3	125.5	125.5	124.1	110.1	113.1	112.5	111.3	98.4	106.3	104.5	NA
Guar seed	106.6	118.6	91.8	104.4	105.7	158.2	183.1	183.1	172.0	126.0	120.9	106.5	96.4	83.1	80.7	98.6	NA
Black pepper	84.0	101.8	83.6	78.5	85.3	53.3	52.9	55.0	55.0	56.3	57.2	104.5	110.5	132.0	121.2	127.6	134.0
Dry chillies	108.7	105.1	103.5	106.9	108.0	107.2	104.6	102.7	109.4	113.4	101.5	105.3	84.5	94.7	119.0	115.0	117.7
Dry ginger	97.4	101.6	101.0	139.3	145.0	127.2	124.4	132.8	153.4	157.1	149.6	153.4	166.6	191.6	196.4	178.6	180.5
Turmeric	100.0	103.3	103.3	111.3	124.4	110.7	132.9	105.0	106.1	126.7	135.8	144.4	168.8	167.1	190.0	183.1	174.0
Arecanut	100.9	100.9	104.3	104.3	117.4	116.3	117.9	117.4	123.6	118.7	129.6	187.3	194.7	207.0	221.4	244.7	255.3
Cardamom	89.0	100.1	97.9	94.6	94.6	100.1	101.2	108.8	93.5	92.5	91.4	88.1	92.9	92.5	93.5	94.6	93.5
Coriander	110.3	113.9	103.3	152.1	161.9	155.8	128.3	158.7	167.0	193.4	152.7	134.9	151.9	188.4	158.7	204.0	167.3
Garlic	123.3	99.9	99.2	120.8	147.2	149.0	138.8	157.5	168.9	192.9	190.5	215.1	211.8	235.7	259.0	232.6	230.2
Tea *	102.0	102.0	102.0	102.0	102.0	99.9	99.9	99.9	99.9	101.8	105.7	112.2	112.2	112.2	112.2	109.2	110.0
Coffee *	100.4	102.2	103.7	105.1	105.1	107.5	111.2	112.6	115.8	119.5	120.4	121.5	121.9	123.3	137.5	139.9	139.9
Rubber *	103.1	107.5	111.4	111.4	111.4	126.3	126.3	129.1	131.6	132.8	133.2	133.4	133.5	133.6	134.2	138.0	145.9
Non Foodgrains	**103.0**	**106.0**	**104.2**	**113.8**	**115.7**	**116.1**	**119.2**	**118.7**	**119.5**	**116.2**	**118.2**	**121.7**	**124.0**	**129.8**	**133.5**	**139.3**	**133.8**
All Crops	**102.1**	**103.4**	**102.1**	**109.0**	**109.8**	**109.0**	**112.3**	**112.0**	**111.6**	**112.6**	**112.7**	**113.5**	**115.9**	**119.8**	**121.8**	**125.6**	**120.8**

Source: E,S&E Division, DA&FW

* - 2023-24 (Provisional)

-Agricultural & Commercial Crops as per 2nd Advance Estimates 2023-24 and Horticultural Crops as per 1st Advance Estimate 2023-24

NA: Not Available

2.68: All India Index Numbers of Production of Principal Crops

(T.E. : 2007-08=100)

Crops	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24#
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
Rice	102.9	105.6	94.8	102.2	112.1	112.0	113.5	112.3	111.1	116.8	120.0	124.0	126.5	132.4	137.8	144.5	131.8
Wheat	105.4	108.2	108.3	116.5	127.2	125.4	128.5	116.0	123.7	132.1	133.9	138.9	144.6	146.9	144.5	148.2	150.2
Jowar	104.7	95.7	88.5	92.5	79.0	69.8	73.2	71.9	56.0	60.4	63.5	45.9	63.0	63.6	54.8	50.4	53.3
Bajra	114.7	102.2	74.8	119.3	118.2	100.6	106.4	105.7	92.8	111.9	105.9	99.7	119.2	125.0	112.5	131.5	109.6
Maize	116.6	121.4	102.9	133.7	133.9	136.9	149.3	148.7	138.8	159.3	176.9	170.5	177.0	194.7	207.5	234.3	199.8
Ragi	108.5	102.9	95.2	110.6	97.3	79.4	100.0	103.9	91.9	69.8	100.1	62.5	88.5	100.8	85.8	85.3	69.9
Small Millets	110.0	88.8	76.3	88.3	90.2	87.0	85.9	77.1	78.1	88.3	87.7	66.5	74.1	69.3	73.4	76.8	85.6
Barley	95.8	135.3	108.5	133.2	129.7	140.4	146.7	129.2	115.2	140.0	142.7	130.8	137.9	132.7	109.9	153.3	178.1
Coarse Cereals	**112.1**	**110.0**	**92.3**	**118.9**	**114.8**	**109.2**	**118.0**	**116.7**	**104.6**	**118.8**	**127.3**	**116.4**	**129.5**	**139.0**	**137.9**	**154.5**	**135.3**
Cereals	**105.5**	**107.4**	**100.2**	**111.1**	**119.1**	**117.3**	**120.7**	**114.6**	**115.5**	**123.7**	**127.2**	**129.2**	**134.8**	**139.7**	**140.7**	**147.8**	**140.3**
Tur	113.5	83.6	91.0	105.6	98.0	111.6	117.2	103.6	94.5	179.9	158.3	122.4	143.6	159.3	155.8	122.2	123.2
Gram	97.5	119.8	126.8	139.5	130.7	149.9	161.6	124.4	119.7	159.1	193.1	168.6	188.0	202.1	229.8	208.1	206.3
Urad	106.4	85.9	90.3	127.0	126.4	140.7	121.3	139.9	138.9	202.2	249.4	218.5	148.6	159.2	198.2	187.9	146.7
Moong	127.4	86.6	57.9	155.9	150.7	99.3	134.4	125.8	133.3	181.2	169.3	205.5	210.0	258.2	265.0	307.7	126.1
Lentil	91.2	107.1	115.9	106.0	118.9	127.4	114.3	116.3	109.6	137.5	182.2	137.9	123.9	167.8	142.5	175.1	183.7
Other Pulses	104.3	101.2	85.6	127.1	103.9	108.4	110.2	124.2	109.4	131.3	128.8	102.6	116.6	119.8	114.9	129.0	135.5
Total Pulses	**105.2**	**102.1**	**102.3**	**129.4**	**121.6**	**129.4**	**135.6**	**122.0**	**116.7**	**165.5**	**181.7**	**158.9**	**163.3**	**181.1**	**194.5**	**186.6**	**164.2**
Foodgrains	**105.4**	**106.5**	**100.6**	**114.3**	**119.5**	**119.4**	**123.3**	**115.9**	**115.7**	**131.1**	**136.8**	**134.4**	**139.8**	**147.0**	**150.2**	**154.6**	**144.5**
Groundnut	125.0	97.6	73.9	112.5	94.8	63.9	132.2	100.8	91.7	101.6	125.9	91.6	135.5	139.4	138.0	140.2	117.8
Castor	112.6	125.2	107.9	144.3	245.3	209.9	184.6	199.9	187.3	147.1	167.6	127.9	196.9	176.0	173.0	211.6	200.8
Sesamum	112.6	95.3	87.5	132.9	120.6	101.9	106.3	123.2	126.5	111.1	112.4	102.6	97.8	121.5	117.3	119.3	63.9
Niger	97.1	103.7	88.6	95.5	87.0	89.4	86.7	67.6	65.8	75.5	62.2	40.3	36.6	37.6	29.1	25.3	25.7
Soybean	117.1	105.8	106.4	136.0	130.4	156.6	126.7	110.8	91.5	140.5	116.8	141.7	119.9	134.7	138.7	160.0	134.1
Sunflower	106.3	84.1	61.8	47.3	37.5	39.5	36.6	31.5	21.5	18.3	16.1	15.7	15.4	16.6	18.2	26.4	12.2
R & M	81.8	100.9	92.6	114.6	92.6	112.5	110.4	88.1	95.3	111.0	118.2	129.7	127.9	143.1	167.7	177.2	178.0
Linseed	97.3	100.8	91.5	87.2	90.8	88.5	84.4	92.1	74.7	109.7	103.5	59.0	71.9	66.3	75.3	99.3	80.4
Safflower	97.1	81.9	77.4	65.1	62.9	46.9	49.1	39.0	22.9	40.6	23.9	10.7	18.9	15.5	26.5	38.9	20.5
Total Oilseeds	**108.6**	**100.8**	**88.9**	**116.8**	**106.5**	**107.4**	**119.0**	**99.7**	**92.5**	**111.2**	**114.7**	**111.6**	**121.3**	**130.7**	**138.0**	**149.2**	**132.0**
Sugarcane	106.1	86.8	89.0	104.3	110.0	103.9	107.3	110.4	106.1	93.2	115.7	123.5	112.9	123.5	133.9	149.4	136.0
Cotton $	115.9	99.7	107.5	147.7	157.6	153.2	160.7	155.8	134.3	145.8	146.9	125.5	161.4	157.8	139.3	150.7	144.6
Jute $$	100.5	94.7	110.4	98.4	105.6	101.7	109.0	104.4	97.8	102.6	94.3	93.4	92.9	88.0	96.0	88.4	90.6
Mesta $$	105.5	77.9	62.5	65.1	70.6	62.8	64.6	54.1	62.1	56.5	47.1	34.4	45.9	42.8	41.2	42.9	44.2
Coconut	97.4	97.5	104.0	104.1	104.1	149.9	154.2	135.1	146.5	158.3	157.6	141.0	134.5	137.3	127.9	136.0	144.3
Cotton seed	115.9	99.7	107.5	147.7	157.6	153.2	160.7	155.8	134.3	145.8	146.9	125.5	161.4	157.8	139.3	150.7	144.6
Sanhemp $$	98.6	93.1	74.8	115.3	132.2	100.7	64.4	64.4	70.8	77.3	80.1	70.7	63.4	74.3	86.4	0.0	0.0
Potato	114.6	138.4	147.2	170.4	187.4	182.5	167.2	193.2	174.7	195.6	206.5	202.0	195.4	226.0	226.0	242.0	237.4
Tapioca	105.6	116.5	97.6	97.8	77.0	87.6	98.6	53.0	52.6	50.5	59.9	60.3	73.4	84.1	75.2	71.9	76.1
Sweet potato	98.8	117.4	114.8	109.8	112.2	118.7	114.1	128.7	152.4	153.1	157.3	121.2	119.6	117.6	124.1	135.1	136.3
Onion	102.7	152.4	136.6	169.8	183.6	188.9	218.0	212.6	235.1	251.9	261.3	256.3	293.1	299.3	356.0	339.3	286.2
Banana	114.2	169.7	171.3	192.7	172.5	171.5	192.4	189.1	188.5	197.2	199.4	197.1	210.9	213.9	223.4	236.9	241.9
Tobacco	93.0	121.0	147.4	176.9	160.0	139.8	156.4	156.4	170.8	171.4	202.4	140.0	170.5	160.7	174.0	0.0	0.0
Guar seed	133.6	144.6	44.3	147.2	165.6	183.8	268.0	268.0	211.0	138.1	121.3	98.0	113.5	97.2	88.4	0.0	0.0
Black pepper	67.6	68.0	73.2	74.6	63.2	76.1	73.2	93.3	78.9	103.3	94.7	196.7	149.4	201.9	136.4	167.9	180.9
Dry chillies	109.5	107.2	101.5	103.2	106.0	110.1	125.9	135.5	128.3	176.9	181.4	147.1	154.9	172.9	155.0	234.8	219.2
Dry ginger	98.3	97.7	99.0	180.4	194.1	175.5	168.4	195.3	285.0	275.0	287.4	459.6	480.1	571.8	643.3	565.7	572.1
Turmeric	98.0	101.3	97.8	122.4	141.2	119.7	146.7	102.3	116.3	130.2	139.7	118.5	142.2	138.6	150.7	144.3	132.6
Arecanut	100.0	100.6	100.0	100.0	130.3	127.4	130.1	156.2	149.3	151.2	174.2	239.3	289.0	326.9	348.4	286.3	307.2
Cardamom	85.7	99.1	102.3	102.3	102.3	115.1	134.3	153.5	153.5	179.1	179.1	147.1	133.7	217.2	236.7	230.3	230.3
Coriander	121.2	94.8	92.8	188.7	211.8	205.2	122.9	180.9	229.1	345.7	278.0	231.8	274.5	349.0	287.8	381.8	309.7
Garlic	131.2	102.1	102.4	129.9	150.6	154.6	153.8	175.0	198.6	207.9	197.8	357.4	359.2	391.7	432.6	397.8	394.7
Tea*	101.5	101.0	101.0	101.0	101.0	101.0	124.4	123.2	126.9	128.7	136.4	139.0	140.1	132.1	138.4	141.5	131.2
Coffee*	95.4	95.5	105.4	110.0	110.0	110.0	110.9	119.1	126.7	113.6	115.0	116.3	108.5	121.6	124.5	128.2	136.2
Rubber*	99.8	104.5	100.5	100.5	100.5	100.4	93.6	78.0	68.0	83.6	83.9	78.7	86.1	86.5	93.7	101.5	105.8
Non Foodgrains	**108.6**	**107.6**	**105.0**	**127.9**	**129.3**	**128.6**	**136.4**	**132.3**	**126.1**	**134.7**	**142.1**	**142.0**	**151.3**	**161.3**	**166.1**	**173.0**	**163.6**
All Crops	**107.0**	**107.0**	**102.8**	**121.0**	**124.3**	**124.0**	**129.8**	**124.0**	**120.8**	**132.8**	**139.4**	**138.1**	**145.5**	**154.1**	**158.0**	**163.7**	**153.9**

Source: E,S&E Division, DA&FW

NA: Not Available

-Agricultural & Commercial Crops as per 2nd Advance Estimates 2023-24 and Horticultural Crops as per 1st Advance Estimate 2023-24

* - 2023-24 Provisional

$ Production in 000 bales (of 170 Kgs each) $$ Production in 000 bales (of 180 Kgs each)

2.69: All India Index Numbers of Yield of Principal Crops

(T.E. : 2007-08=100)

Crops	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24#
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
Rice	102.6	101.5	99.1	104.4	111.5	114.8	112.6	111.5	111.9	116.2	120.1	123.0	126.9	126.7	130.4	132.3	127.8
Wheat	103.4	107.2	104.7	110.2	117.2	115.0	116.0	101.4	111.9	118.0	124.2	130.3	126.9	129.9	130.5	129.9	130.0
Jowar	112.0	105.5	94.3	104.1	105.0	93.2	104.9	96.9	76.5	89.1	104.9	93.1	108.5	120.6	119.8	118.3	121.3
Bajra	114.5	111.6	80.3	118.6	128.7	131.7	130.2	137.9	124.4	143.4	135.3	134.0	151.0	156.0	157.1	165.9	149.5
Maize	113.0	116.8	97.9	122.9	119.9	124.2	129.5	127.4	124.0	130.1	148.4	148.6	145.5	154.8	163.9	171.6	157.8
Ragi	106.9	101.7	102.6	117.5	113.0	95.9	114.4	117.5	110.3	93.9	114.5	95.8	120.4	118.7	96.2	100.2	92.0
Small Millets	109.9	101.9	95.3	114.6	117.2	119.8	130.6	135.7	124.7	148.0	166.6	152.1	167.7	162.0	177.6	186.1	179.2
Barley	99.6	120.1	109.0	118.3	126.2	126.5	136.4	114.4	122.4	133.6	135.2	142.3	146.5	140.3	151.8	152.7	154.0
Coarse Cereals	**112.3**	**112.4**	**93.8**	**117.5**	**119.1**	**118.6**	**125.0**	**122.9**	**114.5**	**124.7**	**137.1**	**135.8**	**140.3**	**148.4**	**153.6**	**161.0**	**149.2**
Cereals	**104.5**	**105.7**	**100.7**	**109.1**	**115.3**	**115.4**	**116.0**	**108.5**	**112.3**	**118.3**	**124.5**	**128.1**	**128.8**	**131.3**	**133.7**	**135.3**	**131.8**
Tur	110.4	89.7	95.1	87.6	88.6	103.8	108.7	97.4	86.4	122.1	129.2	97.4	114.8	122.1	115.2	108.8	110.5
Gram	94.7	111.1	113.7	111.2	115.3	128.7	119.2	110.4	104.4	121.0	133.8	129.3	141.9	148.0	156.6	145.5	148.2
Urad	102.2	98.3	93.4	120.5	121.1	138.3	122.7	133.5	118.8	139.9	146.4	120.8	101.6	119.1	132.5	145.5	141.6
Moong	114.3	101.8	63.1	144.3	148.7	122.1	132.8	139.3	116.5	140.0	133.5	144.5	153.3	138.3	159.6	185.5	128.7
Lentil	99.6	111.1	111.7	94.7	108.6	127.7	121.6	113.0	122.6	134.3	167.8	144.4	135.7	163.1	144.0	152.6	154.6
Other Pulses	108.2	110.6	88.8	123.7	111.4	130.2	130.4	142.4	121.9	132.7	146.6	130.9	148.7	153.6	140.0	173.0	171.3
Total Pulses	**102.8**	**104.9**	**100.1**	**111.2**	**113.1**	**124.4**	**120.2**	**117.0**	**107.0**	**127.6**	**137.9**	**124.4**	**132.3**	**142.9**	**143.9**	**147.2**	**141.5**
Foodgrains	**104.2**	**105.6**	**100.6**	**109.5**	**114.9**	**117.1**	**116.8**	**110.0**	**111.3**	**120.3**	**127.4**	**127.3**	**129.5**	**133.6**	**135.9**	**137.7**	**133.7**
Groundnut	123.5	98.4	83.8	119.4	111.9	84.1	149.3	131.3	123.9	118.2	160.1	120.3	174.5	144.1	150.3	175.6	165.2
Castor	108.7	109.8	111.5	124.6	126.7	129.3	131.9	139.4	134.1	138.4	154.5	129.4	143.0	150.7	158.2	157.7	148.2
Sesamum	109.0	91.7	78.5	111.1	110.4	104.1	110.3	122.9	112.9	116.1	123.9	125.8	105.0	122.9	125.6	136.5	107.1
Niger	102.5	113.5	101.5	110.7	102.7	123.9	124.9	125.2	112.6	126.7	122.6	110.7	115.7	121.1	128.5	123.8	122.5
Soybean	109.5	92.4	90.8	117.6	107.2	120.0	89.8	84.3	65.5	104.4	93.9	105.7	81.7	86.6	94.8	101.6	85.7
Sunflower	118.9	99.2	89.5	108.9	109.7	101.8	116.6	114.4	94.5	102.5	121.5	128.3	144.6	157.1	143.4	154.8	164.9
R & M	93.1	106.3	109.9	110.2	104.1	117.3	110.2	100.7	109.9	121.1	131.1	140.5	123.7	141.6	139.1	132.8	138.5
Linseed	93.0	110.4	119.6	108.6	125.8	133.5	128.7	144.2	127.1	150.8	141.8	152.7	178.7	169.5	170.9	185.9	179.5
Safflower	107.3	98.4	95.1	94.5	88.9	90.6	97.7	78.9	63.6	99.7	103.1	82.2	129.1	98.1	119.0	126.5	104.6
Total Oilseeds	**110.3**	**99.0**	**93.8**	**115.7**	**109.3**	**110.1**	**114.3**	**105.7**	**97.0**	**114.5**	**125.9**	**120.7**	**120.0**	**120.9**	**126.4**	**132.0**	**123.2**
Sugarcane	100.8	94.4	102.4	102.5	104.8	99.8	103.2	104.6	103.5	100.9	117.3	117.2	117.8	122.2	124.2	121.9	115.6
Cotton	111.7	96.2	96.4	119.4	117.5	116.1	122.0	110.3	99.2	122.3	105.9	90.3	108.8	107.8	102.2	105.8	105.3
Jute	97.4	95.1	107.4	100.4	103.0	103.3	113.7	109.9	105.9	114.6	108.5	110.7	116.6	111.7	120.4	112.7	119.9
Mesta	102.5	96.0	94.3	93.8	105.0	104.0	112.6	128.1	163.5	139.9	119.4	123.7	145.3	149.9	154.0	157.3	158.8
Coconut	98.8	98.8	105.8	105.9	98.3	135.3	139.0	131.9	135.4	146.7	145.0	126.4	119.4	120.5	114.5	115.2	120.1
Cotton seed	111.7	96.2	96.4	119.4	117.5	116.1	122.0	110.3	99.2	122.3	105.9	90.3	108.8	107.8	106.2	104.7	100.5
Sanhemp	101.4	113.4	98.4	131.3	205.5	189.3	165.1	165.1	212.1	235.9	254.3	226.6	0.0	222.6	225.4	NA	NA
Potato	109.1	112.0	118.7	135.3	146.8	135.5	125.4	137.7	122.1	132.8	142.6	137.5	140.9	151.8	150.2	153.5	150.1
Tapioca	104.5	104.4	105.5	111.0	112.9	106.2	108.4	63.8	64.7	63.7	86.9	92.7	106.3	115.0	109.7	108.6	111.0
Sweet potato	99.3	100.6	102.7	103.4	104.8	112.8	114.6	128.1	128.8	127.3	127.8	117.3	118.4	117.8	123.5	130.8	130.7
Onion	100.5	125.9	124.6	110.0	121.1	123.8	124.8	125.0	122.8	133.0	140.2	144.9	141.2	127.0	126.4	134.5	127.9
Banana	102.5	114.3	106.3	110.9	99.3	105.6	114.4	109.9	107.1	109.6	107.7	108.7	112.4	110.6	110.9	113.9	116.4
Tobacco	97.0	112.5	120.4	130.3	124.6	119.2	124.6	124.6	137.6	155.7	179.0	124.4	153.2	163.4	163.6	NA	NA
Guar seed	125.3	121.9	48.3	141.0	156.6	116.2	146.4	146.4	122.6	109.7	100.4	92.0	0.0	117.0	109.4	NA	NA
Black pepper	80.4	66.8	87.5	95.1	74.0	142.7	138.4	169.5	143.5	183.5	165.7	188.1	135.2	153.0	112.5	131.7	135.0
Dry chillies	100.7	101.9	98.1	96.6	98.2	102.7	120.4	131.9	117.2	156.0	178.7	139.7	183.4	182.5	130.2	204.2	186.3
Dry ginger	101.0	96.2	98.0	129.5	133.9	138.0	135.4	147.1	185.9	175.1	192.0	299.6	288.2	298.5	327.6	316.7	317.0
Turmeric	97.9	98.0	94.7	110.1	113.5	108.2	110.4	97.5	109.6	102.8	102.9	82.1	84.2	82.9	79.3	78.8	76.2
Arecanut	99.1	99.7	95.8	95.8	111.0	109.5	110.3	133.1	120.8	127.4	134.4	127.8	148.4	158.0	157.4	117.0	120.3
Cardamom	96.3	99.1	104.5	108.1	108.1	115.1	132.8	141.1	164.1	193.7	196.0	167.0	143.9	234.9	253.0	243.3	246.2
Coriander	109.9	83.2	89.8	124.1	130.9	131.7	95.8	114.0	137.1	178.7	182.1	171.9	180.7	185.3	181.3	187.1	185.1
Garlic	106.4	102.2	103.3	107.6	102.3	103.7	110.8	111.1	117.6	107.8	103.8	166.1	169.6	166.2	167.0	171.0	171.5
Tea*	99.6	99.0	99.0	99.0	99.0	101.1	124.6	123.4	127.1	126.5	129.1	123.9	124.9	117.7	123.4	129.6	119.3
Coffee*	95.0	93.4	101.7	104.6	104.6	102.3	99.7	105.7	109.4	95.0	95.5	95.7	89.0	98.6	90.5	91.6	97.4
Rubber*	96.8	97.3	90.2	90.2	90.2	79.4	74.1	60.4	51.6	62.9	63.0	59.0	64.5	64.7	69.8	73.5	72.5
Non Foodgrains	**105.4**	**101.5**	**100.7**	**112.4**	**111.7**	**110.8**	**114.4**	**111.5**	**105.5**	**115.8**	**120.2**	**116.7**	**122.0**	**124.3**	**124.4**	**124.1**	**122.2**
All Crops	**104.8**	**103.5**	**100.7**	**111.0**	**113.2**	**113.7**	**115.5**	**110.8**	**108.3**	**118.0**	**123.7**	**121.7**	**125.6**	**128.6**	**129.7**	**130.3**	**127.4**

Source: E,S&E Division, DA&FW

NA: Not Available

-Agricultural & Commercial Crops as per 2nd Advance Estimates 2023-24 and Horticultural Crops as per 1st Advance Estimate 2023-24

* - 2023-24 Provisional

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

(Base: T.E.: 2011-12=100)

Year	Index of Prices Received (IPR)	Index of Price Paid (IPP) for				Index of Terms of Trade (ITT)
		Final Consumption (IPP-FC)	Intermediate Consumption (IPP-IC)	Capital Formation (IPP-CF)	Combined Index (IPP)	
Weight→		38.19	43.44	18.37	100.00	(Col-2/6*100)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
2004-05	62.35	80.09	62.12	73.06	70.99	87.82
2005-06	61.40	80.25	64.60	74.53	72.40	84.80
2006-07	63.97	77.62	67.75	78.37	73.47	87.06
2007-08	72.06	82.85	71.52	84.11	78.16	92.20
2008-09	82.06	85.63	74.72	92.10	82.08	99.98
2009-10	90.89	91.70	89.09	92.71	90.75	100.15
2010-11	101.29	97.31	98.94	99.33	98.39	102.95
2011-12	107.82	110.98	111.98	107.96	110.86	97.26
2012-13	119.49	119.99	128.36	115.21	122.75	97.34
2013-14	131.67	128.36	144.83	117.84	133.58	98.57
2014-15	138.21	132.42	157.70	122.70	141.62	97.60
2015-16	142.78	139.41	164.85	121.90	147.24	96.97
2016-17	151.04	144.15	172.36	122.67	152.46	99.07
2017-18	154.57	151.27	176.98	125.99	157.79	97.96
2018-19	158.43	158.40	183.55	133.14	164.68	96.20
2019-20	171.71	165.88	194.09	133.53	172.19	99.72
2020-21	173.39	168.64	195.40	137.31	174.51	99.36
2021-22	187.48	190.84	214.96	150.91	193.98	96.65
2022-23(P)	205.75	212.30	232.71	160.51	211.65	97.21

Source: E,S & E Division, DA&FW

P- Provisional

Note: ITT is obtained by dividing IPR by the combined index(IPP), and multiplied by 100.

2.70(b): Index of Terms of Trade between Agricultural and Non-Agricultural sectors

(Base: T.E.: 2011-12=100)

Year	Index of Prices Received for			Index of Prices Paid for Final Consumption for			Index of Prices Paid for		Combined Index for Prices Paid (IPP)	Index of Terms of Trade (ITT)
	Farmers	Agricultural Labourers (P)	Combined Index of Prices Received (IPR)	Farmers	Agricultural Labourers	Combined Index for Final Consumption (IPP-FC)	Intermediate Consumption (IPP-IC)	Capital Formation (IPP-CF)		
Weight→	94.04	5.96	100.00	71.35	28.65	55.38	25.62	19.00	100.00	Col-4/10*100
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2004-05	62.35	49.07	61.56	80.09	76.40	79.03	69.58	73.06	75.48	81.56
2005-06	61.40	55.22	61.03	80.25	77.01	79.32	71.69	74.53	76.46	79.82
2006-07	63.97	58.29	63.63	77.62	75.05	76.88	75.55	78.37	76.82	82.82
2007-08	72.06	61.83	71.45	82.85	82.10	82.63	80.51	84.11	82.37	86.74
2008-09	82.06	76.28	81.72	85.63	84.55	85.32	87.09	92.10	87.06	93.86
2009-10	90.89	85.61	90.57	91.70	91.40	91.62	92.67	92.71	92.10	98.35
2010-11	101.29	98.17	101.10	97.31	97.47	97.36	99.42	99.33	98.26	102.89
2011-12	107.82	116.22	108.32	110.98	111.14	111.03	107.91	107.96	109.64	98.79
2012-13	119.49	133.83	120.34	119.99	118.76	119.64	121.44	115.21	119.26	100.91
2013-14	131.67	151.40	132.85	128.36	129.25	128.62	130.34	117.84	127.01	104.60
2014-15	138.21	179.32	140.66	132.42	133.48	132.73	135.30	122.70	131.48	106.98
2015-16	142.78	185.04	145.30	139.41	141.16	139.91	138.33	121.90	136.08	106.78
2016-17	151.04	197.32	153.80	144.15	146.83	144.92	143.42	122.67	140.30	109.62
2017-18	154.57	205.95	157.63	151.27	154.13	152.09	143.31	125.99	144.88	108.80
2018-19	158.43	210.66	161.54	158.40	160.97	159.13	148.97	133.14	151.59	106.57
2019-20	171.71	214.98	174.29	165.88	169.69	166.97	160.89	133.53	159.06	109.57
2020-21	173.39	224.61	176.44	168.64	174.39	170.29	156.73	137.31	160.55	109.90
2021-22	187.48	230.06	190.02	190.84	193.33	191.56	182.64	150.91	181.55	104.67
2022-23(P)	205.75	238.38	207.70	212.30	213.33	212.60	204.67	160.51	200.67	103.50

Source: E,S & E Division, DA&FW

P- Provisional

2.71: Minimum Support Prices (According to crop year)

(Rs. per quintal)

S. No.	Commodity	Variety	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Kharif Crops										
1	Paddy	Common	1470	1550	1750	1815	1868	1940	2040	2183
		Grade 'A'	1510	1590	1770	1835	1888	1960	2060	2203
2	Jowar	Hybrid	1625	1700	2430	2550	2620	2738	2970	3180
		Maldandi	1650	1725	2450	2570	2640	2758	2990	3225
3	Bajra		1330	1425	1950	2000	2150	2250	2350	2500
4	Ragi		1725	1900	2897	3150	3295	3377	3578	3846
5	Maize		1365	1425	1700	1760	1850	1870	1962	2090
6	Tur (Arhar)		5050^^	5450^	5675	5800	6000	6300	6600	7000
7	Moong		5225^^	5575^	6975	7050	7196	7275	7755	8558
8	Urad		5000^^	5400^	5600	5700	6000	6300	6600	6950
9	Groundnut		4220*	4450^	4890	5090	5275	5550	5850	6377
10	Sunflower Seed		3950*	4100*	5388	5650	5885	6015	6400	6760
11	Soybeen (Yellow)		2775*	3050^	3399	3710	3880	3950	4300	4600
12	Sesamum		5000^	5300*	6249	6485	6855	7307	7830	8635
13	Nigerseed		3825*	4050*	5877	5940	6695	6930	7287	7734
14	Cotton	Medium Staple	3860	4020	5150	5255	5515	5726	6080	6620
		Long Staple	4160	4320	5450	5550	5825	6025	6380	7020
Rabi Crops										
15	Wheat		1625	1735	1840	1925	1975	2015	2125	2275
16	Barley		1325	1410	1440	1525	1600	1635	1735	1850
17	Gram		4000^	4400@	4620	4875	5100	5230	5335	5440
18	Masur (Lentil)		3950@	4250*	4475	4800	5100	5500	6000	6425
19	Rapeseed & Mustard		3700*	4000*	4200	4425	4650	5050	5450	5650
20	Safflower		3700*	4100*	4945	5215	5327	5441	5650	5800
21	Toria		3560	3900	4190	4425	4650	5050	5450	5650
	Other Crops									
22	Copra (Calender Year)	Milling	5950	6500	7511	9521	9960	10335	10590	10860
		Ball	6240	6785	7750	9920	10300	10600	11000	11750
23	De-Husked Coconut (Calender Year)		1600	1760	2030	2571	2700	2800	2860	2930
24	Jute		3200	3500	3700	3950	4225	4500	4750	5050
25	Sugarcane$		230	255	275	275	285	290	305	315

Source: CACP

* Including Bonus of Rs. 100 per quintal.

^ Including Bonus of Rs. 200 per quintal.

^^ Including Bonus of Rs. 425 per quintal.

@ Including Bonus of Rs. 150 per quintal

$ Fair & Remunerative Price

2.72: All India Projected Cost of Production (A_2+FL) of major crops

(Rs. Per Quintal)

S. No.	Commodity	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Kharif Crops								
1	Paddy	1117	1166	1208	1245	1293	1360	1455
2	Jowar	1556	1619	1698	1746	1825	1977	2120
3	Bajra	949	990	1083	1175	1213	1268	1371
4	Ragi	1861	1931	2100	2194	2251	2385	2564
5	Maize	1044	1131	1171	1213	1246	1308	1394
6	Arhar(Tur)	3318	3432	3636	3796	3886	4131	4444
7	Moong	4286	4650	4699	4797	4850	5167	5705
8	Urad	3265	3438	3477	3660	3816	4155	4592
9	Cotton	3276	3433	3501	3676	3817	4053	4411
10	Groundnut In Shell	3159	3260	3394	3515	3699	3873	4251
11	Sunflower Seed	3481	3592	3767	3921	4010	4113	4505
12	Soybean	2121	2266	2473	2587	2633	2805	3029
13	Sesamum	4067	4166	4322	4570	4871	5220	5755
14	Nigerseed	3912	3918	3960	4462	4620	4858	5156
Rabi Crops								
1	Wheat	817	866	923	960	1008	1065	1128
2	Barley	845	860	919	971	1019	1082	1158
3	Gram	2461	2637	2801	2866	3004	3206	3400
4	Masur (Lentil)	2366	2532	2727	2864	3079	3239	3405
5	Rapeseed & Mustard	2123	2212	2323	2415	2523	2670	2855
6	Safflower	3125	3294	3470	3551	3627	3765	3807
Other Crops								
1	Copra	5007	6347	6639	6805	6974	7153	
2	Jute	2160	2267	2535	2709	2832	2959	3095
3	Sugarcane	145	155	156	159	155	162	157

Source: CACP

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

2 Family Labour(FL) is calculated on the basis of statuory wage rate or the actual market rate, whichever is higher.

2.73 (a): State-wise Projected Cost of Production (A_2+FL) for Paddy and Wheat

(Rs. Per quintal)

State/Year	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Paddy							
Andhra Pradesh	1062	1067	1089	1108	1005	1061	1150
Assam	1230	1259	1341	1371	1450	1500	1596
Bihar	1053	1065	1077	1119	1167	1201	1279
Chhattisgarh	915	1002	1063	1095	1129	1185	1257
Gujarat	1061	1080	1114	1128	1182	1230	1306
Haryana	1049	1068	1093	1113	1158	1197	1270
Himachal Pradesh		1071	1177	1225	1289	1345	1429
Jharkhand	1359	1369	1333	1359	1407	1470	1559
Karnataka	1062	1095	1088	1132	1180	1237	1341
Kerala	1252	1342	1355	1518	1560	1650	1804
Madhya Pradesh	1027	1306	1369	1397	1456	1490	1578
Maharashtra	1569	2102	2196	2275	2405	2619	2839
Odisha	1327	1382	1444	1500	1548	1597	1693
Punjab	672	702	717	729	759	808	864
Tamilnadu	1146	1174	1255	1282	1345	1409	1498
Telangana					1319	1385	1493
Uttar Pradesh	1073	1119	1194	1240	1287	1353	1445
Uttarakhand	1009	1012	1018	1032	1076	1129	-
West Bengal	1409	1379	1483	1537	1584	1658	1766
All India	**1117**	**1166**	**1208**	**1245**	**1293**	**1360**	**1455**
Wheat							
Bihar	948	972	1024	1063	1108	1160	1226
Chhattisgarh				1226	1345	1418	1496
Gujarat	1040	1122	1168	1204	1251	1309	1378
Haryana	736	783	824	850	888	937	988
Himachal Pradesh		1485	1563	1525	1596	1666	1738
Jharkhand		1149	1212	1345	1467	1561	1628
Karnataka					1741	1898	
Madhya Pradesh	786	845	897	928	969	1008	1064
Maharashtra	1615	1717	1846	1916	1996	2115	2195
Punjab	642	654	690	714	748	786	832
Rajasthan	871	903	956	997	1038	1101	1186
Uttar Pradesh	835	917	992	1033	1082	1129	1198
Uttrakhand		913	968	1012	1056	1110	
West Bengal	1777				1397	1455	1567
All India	**817**	**866**	**923**	**960**	**1008**	**1065**	**1128**

Source: CACP

Note:
1. Cost A2 includes all actual expenses in cash & kind incurred in production by Owner and rent paid for leased-in-land.
2. Family Labour(FL) is calculated on the basis of statuory wage rate or the actual market rate, whichever is higher.

2.73 (b) State-wise Projected Cost of Production (A_2+FL) for Coarse/Nutri Cereals

(Rs. Per quintal)

State/Year	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Jowar							
Andhra Pradesh	1486	1302	1342	1406	1290	1349	1454
Karnataka	1928	1936	2061	2120	2165	2270	2426
Madhya Pradesh	1311	1412	1432	1497	1477	1539	1641
Maharashtra	1529	1685	1753	1794	1852	1981	2175
Telangana					2925	3047	
Tamilnadu	1396	1410	1515	1578	1661	1941	2207
Rajasthan	1119	1147	1271	1354	1533	1788	1988
All India	**1556**	**1619**	**1698**	**1746**	**1825**	**1977**	**2120**
Bajra							
Gujarat	981	982	1037	1067	1112	1169	1285
Haryana	1078	1085	1100	1124	1173	1230	1330
Karnataka	1549	1555				-	
Maharashtra	1573	2119	2210	2245	2335	2437	2300
Rajasthan	857	867	1038	1199	1250	1308	1437
Uttar Pradesh	809	811	822	844	881	944	1035
Tamilnadu	967	995				-	-
All India	**949**	**990**	**1083**	**1175**	**1213**	**1268**	**1371**
Maize							
Andhra Pradesh	800	803	839	873	934	867	927
Bihar	813	814	877	896	934	972	1033
Chhattisgarh	-					1778	
Gujarat	1533	1819	1928	1999	2061	2093	2178
Himachal Pradesh	1449	1526	1609	1666	1748	1830	1928
Jharakhand		915			989	1034	
Karnataka	1009	1010	1056	1071	1112	1164	1280
Madhya Pradesh	1001	1011	1117	1160	1194	1247	1319
Maharashtra		1415	1445	1499	1386	1444	1518
Odisha		1159				1298	1401
Punjab	919	961	1045	1139	1202	1261	1374
Rajasthan	1610	1612	1737	1776	1853	1945	2048
Tamilnadu	1107	1111	1221	1268	1330	1395	1468
Telangana					1020	1074	1181
Uttar Pradesh	1278	1279	1315	1366	1438	1502	1582
All India	**1044**	**1131**	**1171**	**1213**	**1246**	**1308**	**1394**
Ragi							
Andhra Pradesh							
Karnataka	1950	2139	2228	2300	2384	2519	2711
Maharashtra	2088	2097			3080	3224	
Odisha					3034	3254	3509
Tamilnadu	1447	1471			1576	1643	1753
Uttarakhand		1050	1161	1463	1908	2000	
All India	**1861**	**1931**	**2100**	**2194**	**2251**	**2385**	**2564**
Barley							
Rajasthan	849	850	908	954	1005	1070	1145
Himachal Pradesh				1645	1771	1882	1903
Uttar Pradesh	834	881	939	951	993	1053	1129
Madhya Pradesh					1022	1084	1192
All India	**845**	**860**	**919**	**971**	**1019**	**1082**	**1158**

Source: CACP

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

2 Family Labour(FL) is calculated on the basis of statuory wage rate or the actual market rate, whichever is higher.

2.73 (c): State-wise Projected Cost of Production (A_2+FL) for Pulses

(Rs. Per quintal)

State	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Arhar							
Andhra Pradesh	4142	4552	4777	5114	4529	4751	5042
Bihar					2417 -		
Gujarat	3509	3772	4000	3857	4018	4252	4603
Karnataka	3096	3276	3369	3463	3616	3805	4124
Madhya Pradesh	2531	2704	2913	3120	3226	3440	3707
Maharashtra	3642	3693	3847	4078	4261	4484	4820
Odisha	3810	4304	4638	5062	5246	5359	5472
Tamil Nadu					4675	4934	4626
Telangana					3940	4160	
Uttar Pradesh	3042	3320	3170	3314	3390	3585	3914
All India	**3318**	**3432**	**3636**	**3796**	**3886**	**4131**	**4444**
Moong							
Andhra Pradesh	3065	3411	4116	4361	3699	3910	4413
Bihar					3671	3557	
Karnataka	4589	4724	4305	4525	4860	5102	5586
Gujarat			4621	4814	5147	5450	5866
Madhya Pradesh					4188	4436	
Maharashtra	5955	6688	6803	6016	6433	6756	7336
Odisha	4320	4497	4810	5111	5376	5650	5949
Rajasthan	4407	4587	4402	4618	4970	5237	5717
Tamil Nadu	3910	3921			4533	4805	5218
Telangana					5164	5470	5958
Uttar Pradesh					4673	4931	5361
West Bengal					4081	4305	4651
All India	**4286**	**4650**	**4699**	**4797**	**4850**	**5167**	**5705**
Urad							
Andhra Pradesh	1762	1860	2018	2156	2622	2769	3036
Chattisgarh		2567		4284	4512	4698	
Gujarat					4521	4715	5145
Madhya Pradesh	2276	2812	3176	3276	3347	3516	4093
Maharashtra	5355	5697	6264	6281	6496	6732	6949
Odisha	4327	4700	5052	5293	5538	5722	6191
Rajasthan	4889	4927			3637	3887	4425
Tamilnadu	4140	4152	4530	4740	4880	5122	5441
Telangana					3324	3463	
Uttar Pradesh	3927	4004	4125	4296	4421	4614	5046
All India	**3265**	**3438**	**3477**	**3660**	**3816**	**4155**	**4592**
Gram							
Andhra Pradesh	3052	3245	3503	3004	3303	3488	3691
Bihar				2034	2124	2255	2384
Chhattisgarh	2266	2443	2645	2801	2932	3121	3292
Gujarat				2416	2545	2705	2848
Haryana				2059	2148	2284	2419
Jharkhand				2077	2177	2680	2943
Karnataka	2820	3064	3223	3428	3579	3818	4036
Madhya Pradesh	2284	2402	2551	2713	2835	3015	3202
Maharashtra	2689	2942	3182	3379	3543	3769	3970
Rajasthan	2084	2277	2432	2590	2728	2901	3082
Telangana				2518	2633	2801	2975
Uttar Pradesh	3084	3362	3548	3274	3439	3650	3834
West Bengal					3729	3901	3997
All India	**2461**	**2637**	**2801**	**2866**	**3004**	**3206**	**3400**
Masur(Lentil)							
Bihar	1853	1951	2054	2149	2260	2456	2650
Madhya Pradesh	2241	2281	2401	2490	2630	2808	3033
Uttar Pradesh	2877	3103	3370	3489	3626	3849	3973
West Bengal	2486	2626	2768	2899	3023	3284	3530
All India	**2366**	**2532**	**2727**	**2864**	**3079**	**3239**	**3405**

Source: CACP

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

2 Family Labour(FL) is calculated on the basis of statuory wage rate or the actual market rate, whichever is higher.

2.73 (d): State-wise Projected Cost of Production (A_2+FL) for Cotton

(Rs. Per quintal)

State	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Andhra Pradesh	3344	3562	3639	3769	3674	3905	4169
Gujarat	2998	3018	3082	3182	3279	3476	4060
Haryana	2729	3114	3216	3378	3482	3660	3825
Karnataka	3253	3272	3327	3454	3577	3799	4120
Madhya Pradesh	2625	3653		4177	4304	4523	4854
Maharashtra	3982	3990	4039	4201	4323	4573	4878
Punjab	3050	3304	3382	3462	3606	3606	3810
Rajasthan	2457	2656	2948	3022	3238	3415	3608
Tamilnadu	4282	4342	4576	4741	4916	5122	5443
Telangana					4286	4510	4845
Odisha		4056	4201	4360	4564	4759	5047
All India	**3276**	**3433**	**3501**	**3676**	**3817**	**4053**	**4411**

Source: CACP

Note:
1. Cost A2 includes all actual expenses in cash & kind incurred in production by Owner and rent paid for leased-in-land.
2. Family Labour(FL) is calculated on the basis of statuory wage rate or the actual market rate, whichever is higher.

2.73 (e): State-wise Projected Cost of Production (A_2+FL) for Oilseeds

(Rs. Per quintal)

State	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Groundnut							
Andhra Pradesh	2598	2757	2919	3221	4666	4910	5380
Gujarat	3341	3364	3458	3566	3619	3809	4182
Karnataka	4543	4767	4869	5073	5227	5524	5861
Madhya Pradesh					3381	3581	
Maharashtra	3213	4253	5659	5902	6223	6542	6947
Odisha		3543	3940	4357	4695	4935	5321
Rajasthan	1534	1554	1658	1755	1824	2114	2528
Telangana					3541	3750	4006
Tamilnadu	4093	4240	4376	4491	4564	4799	5096
Uttar Pradesh					2588	2737	2954
All India	**3159**	**3260**	**3394**	**3515**	**3699**	**3873**	**4251**
Soybean							
Andhra Pradesh			3694	3825			
Chhattisgarh		2679		2863	2999	3162	3382
Karnataka					2419	2559	2765
Madhya Pradesh	1727	1984	2092	2257	2322	2442	2604
Maharashtra	2753	2777	2796	2950	3006	3161	3355
Rajasthan	2353	2378	3102	2760	2769	2909	3343
Telangana					2917	3079	3275
All India	**2121**	**2266**	**2473**	**2587**	**2633**	**2805**	**3029**
Sunflower seed							
Andhra Pradesh	3392	3667	3769	3919		3890	4171
Bihar						2790	2853
Karnataka	3616	3682	3766	3922	4109	4353	4681
Maharashtra	2727	2988					
Odisha					3485	3698	
All India	**3481**	**3592**	**3767**	**3921**	**4010**	**4113**	**4505**
Sesamum							
Andhra Pradesh	5384	5752	6000	6424		5566	6059
Gujarat	5790	5912	6194	5771	5965	6255	6696
Karnataka					4388	4605	
Madhya Pradesh	3523	3685	3823	4033	4560	4765	5183
Odisha		5427		4948	4681	4952	5384
Rajasthan	5112	5205	5626	6388	6623	6886	7454
Tamilnadu	5410	5825			6585	6695	
Telangana						4607	5011
West Bengal	2821	2823	3203	3619	3854	4104	4815
Uttar Pradesh		4516	4724	5041	5131	5354	5779
All India	**4067**	**4166**	**4322**	**4570**	**4871**	**5220**	**5755**
Nigerseed							
Odisha	3912	3918	3960	4462	4620	4858	5156
All India	**3912**	**3918**	**3960**	**4462**	**4620**	**4858**	**5156**
Rapeseed and Mustard							
Assam	3990	4195	4408	4586	4226	4557	4648
Bihar	2053	1904	2012	2097	2213	2382	2462
Gujarat	2060	2140	2245	2344	2456	2632	2790
Haryana	1718	1788	1879	1913	2009	2156	2296
Madhya Pradesh	1329	1475	1556	1640	1729	1851	2001
Odisha					3603	4089	
Punjab				2003	2109	2281	2474
Rajasthan	2193	2269	2393	2473	2625	2799	2993
Uttar Pradesh	2215	2315	2443	2530	2639	2794	2994
West Bengal	2740	2922	3117	3257	3416	3658	3844
All India	**2123**	**2212**	**2323**	**2415**	**2523**	**2670**	**2855**
Safflower							
Karnataka	1863	1992	2129	2767	2962	3765	3807
Maharashtra	4207	4438	4491	4544	4893		
All India	**3125**	**3294**	**3470**	**3551**	**3627**	**3765**	**3807**

Source: CACP

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

2 Family Labour(FL) is calculated on the basis of statuory wage rate or the actual market rate, whichever is higher.

2.73 (f): State-wise Projected Cost of Production (A_2+FL) for Copra

(Rs. Per quintal)

States/UTs	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Tamilnadu	3953	4704	4860	4999	5225	5367
Kerala	6042	7819	8041	8295	8642	8996
Karnataka	-	-	6577	6443	6491	7133
Andhra Pradesh	-	-	-	4213	4492	4636
All India	**5007**	**6347**	**6639**	**6805**	**6974**	**7153**

Source: CACP

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

2 Family Labour(FL) is calculated on the basis of statuory wage rate or the actual market rate, whichever is higher.

2.73 (g): State-wise Projected Cost of Production (A_2+FL) for Jute

(Rs. Per quintal)

States/UTs	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
West Bengal	2196	2310	2580	2757	2879	3000	3127
Assam	2706	2712	3044	3205	3303	3427	3533
Odisha	2558	2805	-	-	-		-
Bihar	1696	1761	1937	2008	1992	2105	2159
All India	**2160**	**2267**	**2534**	**2709**	**2832**	**2959**	**3095**

Source: CACP

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

2 Family Labour(FL) is calculated on the basis of statuory wage rate or the actual market rate, whichever is higher.

2.73 (h): State-wise Projected Cost of Production (A_2+FL) for Sugarcane

(Rs. Per quintal)

States/UTs	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Andhra Pradesh	146	184	192	203	216	236	242
Bihar	-	-	-	-	121	128	127
Gujarat						134	141
Haryana	-	-	-	-	87	93	99
Karnataka	104	122	126	133	131	125	102
Maharashtra	127	136	146	158	165	180	176
Punjab						132	-
Tamilnadu	184	199	214	212	222	234	241
Uttar Pradesh	161	165	157	158	154	163	159
Uttarakhand	121	134	139	133	124	129	-
All India	**145**	**155**	**156**	**159**	**155**	**162**	**157**

Source: CACP

Note:
1. Cost A2 includes all actual expenses in cash & kind incurred in production by Owner and rent paid for leased-in-land.
2. Family Labour(FL) is calculated on the basis of statuory wage rate or the actual market rate, whichever is higher.
3. Cost of Production at Basic Recovery Rate of 9.5 percent for the year 2017-18 and at Basic Recovery Rate of 10 percent for years 2018-19 to 2021-22 and at 10.25 Basic Recovery Rate for the year 2022-23 and 2023-24.

3

Food Security, Subsidy and Factors of Production

3.1(a): State-wise Procurement of Rice and Wheat in major Rice and Wheat Producing States
(According to Marketing Year)

('000 Tonnes)

State	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24*	2024-25*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Rice (Oct-Sept)													
Punjab	8558	8106	7786	9350	11052	11839	11334	10876	13589	12548	12201	12414	NA
Haryana	2609	2406	2015	2861	3583	3992	3941	4307	3789	3706	3977	3942	NA
Uttar Pradesh	2286	1127	1698	2910	2354	2875	3233	3790	4478	4391	4389	3605	NA
Andhra Pradesh	6486	3737	3596	4336	3724	4000	4806	5533	5666	4461	2755	2001	NA
Telangana		4353	3504	1579	3596	3618	5190	7454	9453	7394	6289	6325	NA
Madhya Pradesh	898	1045	807	849	1314	1096	1395	1740	2497	3070	3102	2825	NA
Odisha	3615	2801	3357	3369	3630	3287	4447	4798	5258	4831	5383	4750	NA
Tamil Nadu	481	684	1051	1192	144	994	1294	2204	3053	1876	2301	1982	NA
West Bengal	1766	1359	2032	1568	1923	1673	1979	1838	1890	2401	2182	1654	NA
Chhattisgarh	4804	4290	3423	3442	4022	3255	3971	5053	4762	6165	5865	8300	NA
Uttarakhand	497	463	465	598	706	38	462	682	718	774	600	489	NA
Others	2044	1474	2306	2164	2058	1507	2347	3551	5019	5971	5276	3571	NA
All-India	**34044**	**31845**	**32040**	**34218**	**38106**	**38174**	**44399**	**51826**	**60173**	**57588**	**54320**	**51858**	NA
Wheat (April-March)													
Punjab	12836	10895	11644	10344	10649	11706	12692	12912	12714	13222	9645	12117	12457
Uttar Pradesh	5063	683	628	2267	797	3699	5294	3700	3577	5641	336	220	931
Haryana	8717	5855	6508	6778	6752	7432	8784	9320	7400	8493	4186	6317	7150
Rajasthan	1964	1269	2155	1300	762	1245	1532	1411	2225	2340	10	438	1201
Madhya Pradesh	8507	6355	7189	7309	3992	6725	7313	6725	12942	12816	4604	7097	4839
Chattisgarh		9											
Uttarakhand	139	5	1	4	2	2	110	42	38	144	2	0	2
Bihar	772	0		0	0	0	18	3	5	456	4	1	10
Chandigarh	17	8	5		7	8	14	13	11	17	3	10	8
Delhi	31			2	0			0	0	6	0		
Gujarat	156	0		73	0	7	37	5	77	171	0		
Himachal Pradesh	1			11	0		1	1	3	13	3	3	3
Jammu & Kashmir	9									24	0		
Maharashtra	2									1			
Jharkhand													
West Bengal	2	2											
All-India	**38215**	**25072**	**28131**	**28088**	**22961**	**30824**	**35795**	**34132**	**38992**	**43344**	**18792**	**26202**	**26601**

Source : Department of Food and Public Distribution.
* Position as on 24.06.2024
NA-Not Available

3.1(b): State-wise Procurement of Nutri/Coarse Grains in Major Producing States (as on 28.02.2024)

('000 Tonnes)

State	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24^^
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	15	16	17	18
Andhra Pradesh	61.12	176.53	6.87	0.00	0.00	0.00	28.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.62	1.05
Telangana	0.00	0.00	0.00	0.00	0.00	0.00	289.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Chhattisgarh	2.34	8.81	1.04	2.61	1.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gujarat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.89	0.00	15.65	7.67	58.29	33.36
Haryana	123.64	310.48	77.00	73.65	17.00	0.00	0.00	0.00	5.00	6.00	31.35**	98.57@	100.00	150.00	0.00	81.15	231.33
Karnataka	13.95	712.38	315.56	39.94	1.00	0.00	729.00	143.00	211.00	0.00	0.00	95.52	202.50	554.82	508.70	531.30	0.00
Madhya Pradesh	0.75	59.91	0.29	8.91	17.00	7.97	87.00	303.00	28.00	238.00*	4.39***	0	5.55	224.93	37.79	0.26	0.00
Maharashtra	1.76	107.02	6.07	2.70	Neg	63.85	96.00	7.00	17.00	16.00	50.46	17.95	123.73	135.94	40.70	17.31	0.44
Punjab	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rajasthan	0.00	0.00	0.00	0.01	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
Uttar Pradesh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.12	0.00	106.41	2.76	43.44	372.72
Bihar	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0.52	0.15
Uttrakhand	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.19	1.87
Odisha	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	20.252^	32.30	0.00	0.00
Total	**203.56**	**1375.13**	**406.83**	**127.83**	**36.00**	**71.83**	**1231.00**	**465.00**	**260.00**	**260.00**	**86.19**	**218.05**	**431.77**	**1208.00**	**629.93**	**737.06**	**640.91**

Source: Department of Food and Public Distribution.
* 50000 tonnes Maize has been approved as central pool on 30.12.2016
** 20000 tonnes of Bajra has been approved as central pool
***4385 tonnes of Nutri grains has not been approved
@115000 tonnes of Bajra has been approved as Central Pool
^ post facto approval given to State
^^ Date as on 08.02.2024

3.2: State-wise procurement details of pulses, oilseeds & copra at MSP under PSS from 2018-19 to 2024-25 (as on 28.05.2024)									
Category/Commodity / States	2022-23			2023-24			2024-25		
	Quantity Procured (in MTs)	MSP Per MT (in Rs.)	MSP Value (Rs.in lakh)	Quantity Procured (in MTs)	MSP Per MT (in Rs.)	MSP Value (Rs.in lakh)	Quantity Procured (in MTs)	MSP Per MT (in Rs.)	MSP Value (Rs.in lakh)
Oil Seed	**11,70,657**		**6,59,951**	**13,96,814**		**8,69,308**	**60,117**		**71,061**
Ball Copra	**-**	**-**	**-**	**50,184**	**1,17,500**	**58,966**	**47,277**	**1,20,000**	**56,732**
Karnataka	-	-	-	50,184	1,17,500	58,966	47,277	1,20,000	56,732
Tamilnadu	-	-	-	-	-	-	-	-	-
Groundnut	**7,194**	**58,500**	**4,209**	**74,825**	**63,770**	**47,716**	**-**	**-**	**-**
Andhra Pradesh	-	-	-	-	-	-	-	-	-
Gujarat	-	-	-	1,224	63,770	781	-	-	-
Haryana	-	-	-	-	-	-	-	-	-
Karnataka	-	-	-	-	-	-	-	-	-
Madhya Pradesh	-	-	-	-	-	-	-	-	-
Odisha	117	58,500	68	-	-	-	-	-	-
Rajasthan	1,013	58,500	592	46,453	63,770	29,623	-	-	-
Uttar Pradesh	6,064	58,500	3,548	27,147	63,770	17,312	-	-	-
Milling Copra	**40,849**	**1,05,900**	**43,259**	**84,157**	**1,08,600**	**91,395**	**12,840**	**1,11,600**	**14,329**
Andhra Pradesh	-	-	-	4,036	1,08,600	4,383	-	-	-
Kerala	256	1,05,900	271	1,118	1,08,600	1,214	-	-	-
Tamilnadu	40,594	1,05,900	42,989	79,003	1,08,600	85,797	12,840	1,11,600	14,329
Mustard Seed	**11,14,396**	**54,500**	**6,07,346**	**11,72,206**	**56,500**	**6,62,296**	**-**	**-**	**-**
Assam	3,273	54,500	1,784	9,518	56,500	5,378	-	-	-
Gujarat	84,337	54,500	45,964	1,09,054	56,500	61,615	-	-	-
Haryana	3,41,758	54,500	1,86,258	3,25,938	56,500	1,84,155	-	-	-
Madhya Pradesh	1,67,091	54,500	91,065	3,54,994	56,500	2,00,571	-	-	-
Rajasthan	4,85,568	54,500	2,64,634	3,33,534	56,500	1,88,447	-	-	-
Uttar Pradesh	32,368	54,500	17,641	39,168	56,500	22,130	-	-	-
Nigerseed	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Madhya Pradesh	-	-	-	-	-	-	-	-	-
Safflower Seed	**1,630**	**56,500**	**921**	**-**	**-**	**-**	**-**	**-**	**-**
Karnataka	1,630	56,500	921	-	-	-	-	-	-
Soyabean	**-**	**-**	**-**	**6,963**	**46,000**	**3,203**	**-**	**-**	**-**
Gujarat	-	-	-	112	46,000	51	-	-	-
Karnataka	-	-	-	-	-	-	-	-	-

Category/Commodity / States	2022-23			2023-24			2024-25		
	Quantity Procured (in MTs)	MSP Per MT (in Rs.)	MSP Value (Rs.in lakh)	Quantity Procured (in MTs)	MSP Per MT (in Rs.)	MSP Value (Rs.in lakh)	Quantity Procured (in MTs)	MSP Per MT (in Rs.)	MSP Value (Rs.in lakh)
Maharashtra	-	-	-	769	46,000	354	-	-	-
Rajasthan	-	-	-	-	-	-	-	-	-
Telangana	-	-	-	6,082	46,000	2,798	-	-	-
Sunflower Seed	**6,588**	**64,000**	**4,216**	**8,479**	**67,600**	**5,732**	**-**	**-**	**-**
Haryana	-	-	-	-	-	-	-	-	-
Karnataka	-	-	-	4,749	67,600	3,210	-	-	-
Odisha	88	64,000	56	-	-	-	-	-	-
Telangana	6,500	64,000	4,160	3,730	67,600	2,521	-	-	-
Pulses	**28,31,401**	**77,550**	**16,12,872**	**3,33,639**	**85,580**	**2,21,934**	**-**	**-**	**-**
Gram	**23,53,115**	**53,350**	**12,55,387**	**43,126**	**54,400**	**23,461**	**-**	**-**	**-**
Andhra Pradesh	63,132	53,350	33,681	-	-	-	-	-	-
Gujarat	3,28,450	53,350	1,75,228	139	54,400	76	-	-	-
Haryana	-	-	-	-	-	-	-	-	-
Karnataka	79,537	53,350	42,433	-	-	-	-	-	-
Madhya Pradesh	7,95,997	53,350	4,24,664	41,169	54,400	22,396	-	-	-
Maharashtra	7,72,858	53,350	4,12,320	-	-	-	-	-	-
Rajasthan	2,47,318	53,350	1,31,944	1,253	54,400	682	-	-	-
Telangana	50,238	53,350	26,802	565	54,400	307	-	-	-
Uttar Pradesh	15,585	53,350	8,315	-	-	-	-	-	-
Masoor	**76,475**	**60,000**	**45,885**	**2,35,102**	**64,250**	**1,51,053**	**-**	**-**	**-**
Madhya Pradesh	64,461	60,000	38,677	2,04,734	64,250	1,31,541	-	-	-
Uttar Pradesh	12,014	60,000	7,208	30,368	64,250	19,512	-	-	-
Moong	**4,01,775**	**77,550**	**3,11,577**	**55,411**	**85,580**	**47,421**	**-**	**-**	**-**
Andhra Pradesh	-	-	-	-	-	-	-	-	-
Gujarat	31	77,550	24	-	-	-	-	-	-
Haryana	812	77,550	630	741	85,580	634	-	-	-
Karnataka	25,309	77,550	19,627	-	-	-	-	-	-
Madhya Pradesh	2,75,645	77,550	2,13,763	-	-	-	-	-	-
Maharashtra	184	77,550	143	-	-	-	-	-	-
Odisha	1,879	77,550	1,457	-	-	-	-	-	-
Punjab	2,019	77,550	1,566	-	-	-	-	-	-
Rajasthan	93,703	77,550	72,667	53,045	85,580	45,396	-	-	-
Tamilnadu	2,135	77,550	1,656	1,625	85,580	1,390	-	-	-

Category/Commodity / States	2022-23			2023-24			2024-25		
	Quantity Procured (in MTs)	MSP Per MT (in Rs.)	MSP Value (Rs.in lakh)	Quantity Procured (in MTs)	MSP Per MT (in Rs.)	MSP Value (Rs.in lakh)	Quantity Procured (in MTs)	MSP Per MT (in Rs.)	MSP Value (Rs.in lakh)
Telangana	58	77,550	45	-	-	-	-	-	-
Toor	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Andhra Pradesh	-	-	-	-	-	-	-	-	-
Gujarat	-	-	-	-	-	-	-	-	-
Karnataka	-	-	-	-	-	-	-	-	-
Madhya Pradesh	-	-	-	-	-	-	-	-	-
Maharashtra	-	-	-	-	-	-	-	-	-
Odisha	-	-	-	-	-	-	-	-	-
Tamilnadu	-	-	-	-	-	-	-	-	-
Telangana	-	-	-	-	-	-	-	-	-
Urad	**36**	**66,000**	**24**	**-**	**-**	**-**	**-**	**-**	**-**
Andhra Pradesh	-	-	-	-	-	-	-	-	-
Gujarat	-	-	-	-	-	-	-	-	-
Karnataka	-	-	-	-	-	-	-	-	-
Madhya Pradesh	-	-	-	-	-	-	-	-	-
Maharashtra	36	66,000	24	-	-	-	-	-	-
Odisha	-	-	-	-	-	-	-	-	-
Rajasthan	1	66,000	0	-	-	-	-	-	-
Tamilnadu	-	-	-	-	-	-	-	-	-
Telangana	-	-	-	-	-	-	-	-	-
Uttar Pradesh	-	-	-	-	-	-	-	-	-

Source: DA&FW

3.3: Procurement of Pulses (Domestic) under Price Stabilization Fund (PSF)

(Quantity in Metric Tonnes)
(Value in ₹ Crore)

S.No.	Commodity/ Year	FCI		NAFED		SFAC		NCCF		Total		Major State(s) of Procurement
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	9	10	11	12	13
1.	**Arhar**											
	2015-16	20256.52	174.88	19989.04	173.64	5259.12	46.40			45504.68	394.92	Madhya Pradesh, Maharashtra, Telangana, Karnataka, Gujarat, Andhra Pradesh and Rajasthan
	2016-17	175305.46	885.08	661431.14	3340.42	71145.51	359.29			907882.11	4584.79	Madhya Pradesh, Maharashtra, Telangana, Gujarat, Karnataka, Andhra Pradesh and Rajasthan
	2017-18	-	-	258076.04	1303.28	-	-			258076.04	1303.28	Madhya Pradesh, Maharashtra, Telangana, Gujarat and Karnataka
	2018-19	-	-	-	-	-	-			-	-	-
	2019-20	-	-	117700.29	683.00	-	-			117700.29	683.00	Telangana, Karnataka
	2020-21	-	-	64995.29	376.97	-	-			64995.29	376.97	Karnataka, Andhra Pradesh, Gujarat
	2021-22											
	2022-23			13693.93	86.49					13693.93	86.49	MP,Maharashtra, Gujarat, Karnataka
	2023-24			2353.52	15.53			5337.45	44.51	7690.97	60.04	Gujarat,Karnataka, MP, Maharashtra
2.	**Urad**											
	2015-16	4.72	0.06	1763.90	17.47	3122.95	32.72			4891.57	50.25	Madhya Pradesh, Rajasthan, Maharashtra, Uttar Pradesh, Telangana, Gujarat, Karnataka and Andhra Pradesh
	2016-17	18233.91	116.29	59594.93	376.71	10535.58	64.32			88364.42	557.32	Madhya Pradesh, Maharashtra, Telangana, Gujarat, Uttar Pradesh, Rajasthan, Andhra Pradesh, Tamil Nadu and Karnataka
	2017-18	-	-	-	-	-	-			-	-	-
	2018-19	-	-	-	-	-	-			-	-	-
	2019-20	-	-	-	-	-	-			-	-	-
	2020-21	-	-	-	-	-	-			-	-	-
	2021-22	-	-	14827.68	95.21	-	-			14827.68	95.21	Rajasthan, Madhya Pradesh, Maharashtra, Uttar Pradesh, Gujarat, Assam
	2022-23			93.65	0.62			2590.84	17.10	2684.49	17.72	UP, MP, Rajasthan
	2023-24							427.87	2.82	427.87	2.82	UP, MP,
3.	**Gram**											
	2015-16	-	-	-	-	-	-			-	-	-
	2016-17	15191.22	92.58	20260.92	119.65	25220.54	149.91			60672.68	362.14	Madhya Pradesh, Maharashtra, Telangana, Uttar Pradesh, Rajasthan, Andhra Pradesh and Karnataka
	2017-18	-	-	60272.29	313.17	-	-			60272.29	313.17	Madhya Pradesh, Rajasthan, Haryana and Uttar Pradesh
	2018-19	-	-	-	-	-	-			-	-	-
	2022-23											
	2023-24							39166.77	208.95	39166.77	208.95	Maharashtra, MP,UP, Rajasthan, Gujrat
4.	**Lentil**											
	2015-16	-	-	-	-	-	-			-	-	-
	2016-17	4335.54	25.06	2987.53	16.47	1241.19	7.08			8564.26	48.61	Madhya Pradesh, Rajasthan and Uttar Pradesh
	2017-18	-	-	27071.99	107.29	-	-			27071.99	107.29	Madhya Pradesh and Uttar Pradesh
	2018-19	-	-	-	-	-	-			-	-	-
	2019-20	-	-	-	-	-	-			-	-	-
	2020-21	-	-	92.97	0.50	-	-			92.97	0.50	Madhya Pradesh
	2021-22	-	-	26097.92	160.94	-	-			26097.92	160.94	Madhya Pradesh, Uttar Pradesh, Bihar, West Bengal
	2022-23											
	2023-24							55562.86	333.38	55562.86	333.38	MP, UP
5.	**Moong**											
	2015-16	-	-	-	-	-	-			-	-	-
	2016-17	64737.05	337.86	120594.23	630.10	24505.97	128.04			209837.26	1096.01	Rajasthan, Madhya Pradesh, Telangana, Karnataka, Maharashtra, Haryana and Andhra Pradesh
	2017-18	-	-	-	-	-	-			-	-	-
	2018-19	-	-	-	-	-	-			-	-	-
	2019-20	-	-	-	-	-	-			-	-	-
	2020-21	-	-	-	-	-	-			-	-	-
	2021-22	-	-	100000.00	719.60	-	-			100000.00	719.60	Madhya Pradesh
	2022-23											

Source: Department of Consumer Affairs
FCI: Food Corporation of India, NAFED: National Agricultural Cooperative Marketing Federation of India Ltd., SFAC: Small Farmers' Agri-Business Consortium

3.4: State-wise Cotton Purchases by Cotton Corporation of India (CCI)

(Quantity in Thousand bales of 170 Kgs.each)

States	2015-16			2016-17			2017-18			2018-19			2019-20			2020-21			2021-22			2022-23			2023-24*		
	MSP	Commercial	Total	MSP	Commercial	Total	MSP	Commercial	Total	MSP	Commercial	Total	MSP	Commercial	Total	MSP	Commercial	Total	MSP	Commercial	Total	MSP	Commercial	Total	MSP	Commercial	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(17)	(18)	(19)	(17)	(18)	(19)	(17)	(18)	(19)
Punjab	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.10	12.10	0.00	0.30	0.30	355.96	2.10	358.06	535.73	0.00	535.73	0.00	0.00	0.00	0.00	0.30	0.30	38.44	0.00	38.44
Haryana	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.80	20.80	0.00	0.10	0.10	622.86	0.40	623.26	1057.17	0.00	1057.17	0.00	0.00	0.00	0.00	1.40	1.40	43.23	0.00	43.23
Rajasthan	0.00	0.00	0.00	0.00	0.90	0.90	0.00	45.40	45.40	0.00	0.10	0.10	375.69	1.10	376.79	911.18	0.00	911.18	0.00	0.00	0.00	0.00	0.00	0.00	52.07	0.00	52.07
Gujarat	51.50	0.00	51.50	0.00	8.23	8.23	95.11	75.65	170.76	7.98	0.00	7.98	1105.23	0.00	1105.23	415.36	0.00	415.36	0.00	0.20	0.20	0.00	3.01	3.01	91.44	0.00	91.44
Maharashtra	116.80	0.00	116.80	0.00	56.99	56.99	14.65	100.79	115.44	195.75	3.10	198.85	2625.28	2.50	2627.78	1751.46	0.30	1751.76	0.00	5.00	5.00	0.00	12.69	12.69	244.10	0.00	244.10
MP	29.10	0.00	29.10	0.00	0.52	0.52	7.80	11.11	18.91	50.92	0.00	50.92	442.57	1.04	443.61	443.98	0.00	443.98	0.00	0.00	0.00	0.00	0.90	0.90	127.40	0.00	127.40
Telangana	595.16	0.00	595.16	0.00	34.27	34.27	263.49	244.12	507.61	777.03	0.00	777.03	4180.32	0.00	4180.32	3401.46	0.00	3401.46	0.00	7.60	7.60	0.00	58.17	58.17	2399.69	0.00	2399.69
AP	39.97	0.00	39.97	0.00	4.81	4.81	6.50	66.54	73.03	4.72	0.00	4.72	268.29	0.00	268.29	341.69	0.00	341.69	0.00	0.40	0.40	0.00	11.62	11.62	130.06	0.00	130.06
Karnataka	0.00	0.00	0.00	0.00	15.90	15.90	0.30	80.90	81.20	8.12	5.90	14.02	349.47	0.70	350.17	125.99	0.00	125.99	0.00	1.70	1.70	0.00	11.90	11.90	62.40	0.30	62.70
West Bengal	0.37	0.00	0.37	0.47	0.00	0.47	0.35	0.00	0.35	0.19	0.00	0.19	0.04	0.00	0.04	0.07	0.00	0.07	0.13	0.00	0.13	0.00	0.00	0.00	0.22	0.00	0.22
Orissa	11.63	0.00	11.63	0.00	3.55	3.55	1.99	23.61	25.60	25.45	0.00	25.45	160.66	0.00	160.66	205.30	0.00	205.30	0.00	0.00	0.00	0.00	2.54	2.54	94.53	0.00	94.53
Tami Nadu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.25	28.27	0.00	28.27	0.00	0.20	0.20	0.00	0.20	0.20	0.00	0.00	0.00	0.00	0.20	0.20
Total	**844.53**	**0.00**	**844.53**	**0.47**	**125.16**	**125.63**	**390.18**	**681.02**	**1071.19**	**1070.41**	**9.50**	**1079.91**	**10514.63**	**7.84**	**10522.47**	**9189.38**	**0.50**	**9189.88**	**0.13**	**15.10**	**15.23**	**0.00**	**102.53**	**102.53**	**3283.59**	**0.50**	**3284.09**

Source : The Cotton Corporation of India Ltd., Ministry of Textiles

**Position as on 30.05.2024*

3.5: State-wise Procurement of Raw Jute

Qty. in Qtls.

State	2017-2018						
	Procured Quantity in Qtls.			Procured Value in Lakh Rs.			Total No. of Beneficiaries
	MSP	Commercial	Total Procurement	MSP	Commercial	Total Value	
West Bengal	358927.24	0.00	358927.24	11145.67	0.00	11145.67	71929
Bihar	68703.66	0.00	68703.66	2133.44	0.00	2133.44	13768
Assam	173444.43	0.00	173444.43	5385.92	0.00	5385.92	34758
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0
Orissa	9003.52	0.00	9003.52	279.58	0.00	279.58	1804
A.P	0.00	0.00	0.00	0.00	0.00	0.00	0
Tripura	32.85	0.00	32.85	1.02	0.00	1.02	7
Total Qty:-	**610111.70**	**0.00**	**610111.70**	**18945.63**	**0.00**	**18945.63**	**122267**
State	**2018-2019**						
	Procured Quantity in Qtls.			**Procured Value in Lakh Rs.**			**Total No. of Beneficiaries**
	MSP	**Commercial**	**Total Procurement**	**MSP**	**Commercial**	**Total Value**	
West Bengal	125464.39	0.00	125464.39	4270.01	0.00	4270.01	25143
Bihar	4052.40	0.00	4052.40	137.92	0.00	137.92	812
Assam	608.18	0.00	608.18	20.70	0.00	20.70	122
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0
Orissa	666.54	0.00	666.54	22.68	0.00	22.68	134
A.P	0.00	0.00	0.00	0.00	0.00	0.00	0
Tripura	0.00	0.00	0.00	0.00	0.00	0.00	0
Total Qty:-	**130791.51**	**0.00**	**130791.51**	**4451.31**	**0.00**	**4451.31**	**26211**
State	**2019-2020**						
	Procured Quantity in Qtls.			**Procured Value in Lakh Rs.**			**Total No. of Beneficiaries**
	MSP	**Commercial**	**Total Procurement**	**MSP**	**Commercial**	**Total Value**	
West Bengal	129420.00	25884.00	155304.00	4985.41	1138.56	6123.97	28707
Bihar	6030.00	0.00	6030.00	232.28	0.00	232.28	1115
Assam	12099.60	4752.00	16851.60	466.09	209.03	675.12	3115
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0
Orissa	579.06	0.00	579.06	22.31	0.00	22.31	107
A.P	0.00	0.00	0.00	0.00	0.00	0.00	0
Tripura	0.00	0.00	0.00	0.00	0.00	0.00	0
Total Qty:-	**148128.66**	**30636.00**	**178764.66**	**5706.09**	**1347.59**	**7053.68**	**33043**
State	**2020-2021**						
	Procured Quantity in Qtls.			**Procured Value in Lakh Rs.**			**Total No. of Beneficiaries**
	MSP	**Commercial**	**Total Procurement**	**MSP**	**Commercial**	**Total Value**	
West Bengal	6424.97	137650.99	144075.96	301.67	7574.21	7875.88	7186
Bihar	354.22	10564.80	10919.02	16.63	581.33	597.96	545
Assam	18.96	5484.07	5503.03	0.89	301.76	302.65	274
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0
Orissa	363.95	612.04	975.99	17.09	33.68	50.77	49
A.P	0.00	0.00	0.00	0.00	0.00	0.00	0
Tripura	0.00	0.00	0.00	0.00	0.00	0.00	0
Total Qty:-	**7162.10**	**154311.90**	**161474.00**	**336.28**	**8490.97**	**8827.25**	**8054**
State	**2021-2022**						
	Procured Quantity in Qtls.			**Procured Value in Lakh Rs.**			**Total No. of Beneficiaries**
	MSP	**Commercial**	**Total Procurement**	**MSP**	**Commercial**	**Total Value**	
West Bengal	1,911.23	2,035.30	3,946.53	50.21	113.29	163.50	301
Bihar	436.63	8,051.87	8,488.50	11.47	448.18	459.65	646
Assam	160.13	2,505.31	2,665.44	4.21	139.45	143.66	203
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0
Orissa	0.00	0.00	0.00	0.00	0.00	0.00	0
A.P	0.00	0.00	0.00	0.00	0.00	0.00	0
Tripura	0.00	0.00	0.00	0.00	0.00	0.00	0
Total Qty:-	**2,507.99**	**12,592.48**	**15,100.47**	**65.88**	**700.92**	**766.80**	**1150**
State	**2022-2023**						
	Procured Quantity in Qtls.			**Procured Value in Lakh Rs.**			**Total No. of Beneficiaries**
	MSP	**Commercial**	**Total Procurement**	**MSP**	**Commercial**	**Total Value**	
West Bengal	3,09,952.94	80,618.91	3,90,571.85	13,744.83	4,549.37	18,294.19	56,769
Bihar	77,338.43	10,289.95	87,628.38	3,429.56	580.67	4,010.23	12,737
Assam	23,271.45	45,786.57	69,058.02	1,031.97	2,583.76	3,615.73	10,038
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0
Orissa	13,427.37	105.08	13,532.45	595.44	5.93	601.36	1,967
A.P	0.00	0.00	0.00	0.00	0.00	0.00	0
Tripura	0.00	0.00	0.00	0.00	0.00	0.00	0
Total Qty:-	**4,23,990.19**	**1,36,800.51**	**5,60,790.70**	**18,801.79**	**7,719.72**	**26,521.52**	**81,510**
State	**2023-2024 as on dated. 25.03.2024**						
	Procured Quantity in Qtls.			**Procured Value in Lakh Rs.**			**Total No. of Beneficiaries**
	MSP	**Commercial**	**Total Procurement**	**MSP**	**Commercial**	**Total Value**	
West Bengal	8,69,979.32	0.00	8,69,979.32	40,757.64	0.00	40,757.64	1,27,750
Bihar	69,846.54	0.00	69,846.54	3,272.24	0.00	3,272.24	10,256
Assam	2,44,346.04	0.00	2,44,346.04	11,447.36	0.00	11,447.36	35,880
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0
Orissa	24,619.04	0.00	24,619.04	1,153.38	0.00	1,153.38	3,615
A.P	223.14	0.00	223.14	10.45	0.00	10.45	33
Tripura	0.00	0.00	0.00	0.00	0.00	0.00	0
Total Qty:-	**12,09,014.08**	**0.00**	**12,09,014.08**	**56,641.07**	**0.00**	**56,641.07**	**1,77,535**

Source : Jute Corporation of India Ltd, Ministry of Textiles

3.6: Per Capita Net Availability of Foodgrains (Per Annum) in India

(Kilograms per year)

Year	Rice	Wheat	Other Cereals	Cereals	Pulses	Food Grains
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1951	58.0	24.0	40.0	122.0	22.1	144.1
1956	68.7	22.5	40.7	131.9	25.7	157.6
1961	73.4	28.9	43.6	145.9	25.2	171.1
1966	59.1	34.8	37.5	131.4	17.6	149.0
1971	70.3	37.8	44.3	152.4	18.7	171.1
1976	68.5	29.1	39.2	136.8	18.5	155.3
1981	72.2	47.3	32.8	152.3	13.7	166.0
1985	68.9	50.6	32.1	151.6	13.9	165.5
1990	77.4	48.4	31.7	157.5	15.0	172.5
1991	80.9	60.0	29.2	171.0	15.2	186.2
1992	79.2	57.9	21.5	158.6	12.5	171.1
1993	73.4	51.2	31.6	156.2	13.2	169.4
1994	75.7	58.2	24.5	158.4	13.6	172.0
1995	80.3	63.0	23.7	167.0	13.8	180.8
1996	74.6	64.3	22.6	161.5	12.0	173.5
1997	78.1	65.4	26.6	170.1	13.5	183.6
1998	73.1	55.3	22.8	151.2	12.0	163.2
1999	74.2	59.2	23.1	156.7	13.3	170.0
2000	74.3	58.4	21.5	154.3	11.6	165.9
2001	69.5	49.6	20.5	141.0	10.9	151.9
2002	83.5	60.8	23.1	167.4	12.9	180.4
2003	66.2	65.8	17.1	149.1	10.6	159.7
2004	71.3	59.2	25.3	155.8	13.1	168.9
2005	64.7	56.3	21.7	142.7	11.5	154.2
2006	72.3	56.3	22.1	150.7	11.8	162.5
2007	70.8	57.6	20.3	148.7	12.9	161.6
2008	64.0	53.0	19.7	143.9	15.3	159.2
2009	68.8	56.5	23.3	148.6	13.5	162.1
2010	66.4	61.4	18.8	146.6	12.9	159.5
2011	66.3	59.7	23.9	.149.9	15.7	170.9
2012	69.4	57.8	21.9	149.1	15.2	169.3
2013	72.1	66.8	19.2	158.1	15.8	179.5
2014	72.3	66.8	22.6	161.6	16.9	178.6
2015	67.9	61.3	28.4	153.8	16.0	169.8
2016	67.2	72.9	26.1	162.0	15.7	177.7
2017	66.8	66.7	29.4	158.4	20.0	178.4
2018	69.2	61.5	30.6	161.3	18.7	180.1
2019	68.0	65.0	27.4	160.5	15.5	176.0
2020	72.0	64.2	30.9	167.2	16.0	183.1
2021	73.3	67.0	30.2	170.5	16.3	186.8
2022	69.6	68.8	29.8	168.2	19.8	188.0
2023	82.7	74.1	33.7	190.4	17.2	207.6

Source : E,S&E Division, DA&FW

P- Provisional figures are based on 4th Advance Estimates of Production for 2021-22, Net imports during Apr 2021- Mar 2022 and Stock position as on 23.11.2022

Notes:-

i) Net availability of foodgrains is estimated as: Gross Production (-) seed, feed & wastage (-) exports (+) imports (+/-) change in stocks.

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

iii) Estimates 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.

iv) Foodgrains include rice, wheat, other cereals and all pulses

v)The per capita net availability of foodgrains is calculated on Financial Year basis from 2022 onwardsand is not comparable with the old series which was based on calendar year

3.7: Per Capita Availability of Certain Important Articles of Consumption

Year	Edible Oil[a] (kg.)	Vanaspati[b] (kg.)	Sugar[c] (Oct-Sep) (kg.)	Cloth[d] (metres)			Tea (gm)	Coffee[f] (gm)
				Cotton[e]	Man-made	Total		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1960-61	3.2	0.8	4.8	13.8	1.2	15.0	296	80.0
1970-71	3.5	1.0	7.4	13.6	2.0	15.6	401	65.0
1980-81	3.8	1.2	7.3	12.9	4.4	17.3	511	79.0
1990-91	5.5	1.0	12.7	15.1	9.0	24.1	612	59.0
2000-01	8.2	1.3	15.8	14.2	16.5	30.7	631	58.0
2001-02	8.8	1.4	16.0	14.8	17.2	32.0	650	67.0
2002-03	7.2	1.4	16.3	14.4	17.0	31.4	623	67.0
2003-04	9.9	1.2	16.1	13.4	17.6	31.0	662	70.0
2004-05	10.2	1.1	15.5	14.1	19.4	33.5	663	72.0
2005-06	10.6	1.1	16.3	16.4	19.7	36.1	687	75.0
2006-07	11.1	1.2	16.8	18.0	21.6	39.6	687	77.0
2007-08	11.4	1.3	17.8	19.0	22.8	41.9	701	80.0
2008-09	12.7	1.2	18.8	17.9	21.1	39.0	704	82.0
2009-10	13.1	1.1	18.6	19.7	23.4	43.1	709	86.0
2010-11	13.0	1.0	17.0	21.4	22.6	44.0	715	90.0
2011-12	13.8	1.0	18.7	19.8	20.7	40.5	728	95.0
2012-13	15.8	0.7	18.7	19.9	18.6	38.5	779	97.0
2013-14	16.8	0.8	19.5	19.9	16.4	36.2	744	100.0
2014-15	18.3	0.8	20.3	23.6	17.0	40.6	752	100.0
2015-16	17.7	0.8	19.4	24.6	15.9	40.5	758	100.0
2016-17	18.2	0.7	18.9	25.8	15.8	41.6	767	100.0
2017-18	19.5	0.7	19.5	26.8	17.9	44.6	830	100.0
2018-19	18.1	0.6	19.5	28.5	18.8	47.2	840	100.0
2019-20	19.2	0.6	18.8	26.8	24.5	51.3	850	100.0
2020-21	19.7	0.5	19.5	23.9	19.3	43.2	863	100.0
2021-22	21.0	0.5	19.9	25.8	22.3	48.1	872	100.0
2022-23	23.5	0.6	19.9(P)	28.2	23.2(P)	51.4(P)	883	91.0

Source : Economic Survey 2023-24, Ministry of Finance

(P) Provisional NA: Not Available

a: Includes Groundnut Oil, Rapeseed and Mustard Oil, Sesamum Oil, Nigerseed Oil, Soybean Oil and Sunflower Oil but excludes oil for manufacture of Vanaspati.

b: Relates to calendar year.

c: Relates to actual releases for domestic consumption. Sugar season/year commencing from November to October of following year as opposed to financial year.

d: The data of cloth; prior to 1980-81 is calendar year wise, in meters 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 1971-72 relate to coffee season and thereafter on calendar year basis. The figures for 1972-73 correspond to 1973 and so on.

3.8(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	1999-00*	2004-05	2009-10	2011-12	1993-94	1999-00*	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 & products	3.8	3.8	3.1	3.7	3.1	3.0	2.8	2.1	2.7	2.1
Milk & products	9.5	8.8	8.5	8.6	9.1	9.8	8.7	7.9	7.8	7.8
Edible oil	4.4	3.7	4.6	3.7	3.8	4.4	3.1	3.5	2.6	2.7
Egg fish & meat	3.3	3.3	3.3	3.5	3.6	3.4	3.1	2.7	2.7	2.8
Vegetables	6.0	6.2	6.1	6.2	4.8	5.5	5.1	4.5	4.3	3.4
Fruits & nuts	1.7	1.7	1.9	1.6	1.9	2.7	2.4	2.2	2.1	2.3
Sugar	3.1	2.4	2.4	2.4	1.8	2.4	1.6	1.5	1.5	1.2
Salt & spices	2.7	3.0	2.5	2.4	2.4	2.0	2.2	1.7	1.5	1.7
Beverages, etc.	4.2	4.2	4.5	5.6	5.8	7.2	6.4	6.2	6.3	7.1
Food total	**63.2**	**59.4**	**55.0**	**53.6**	**48.6**	**54.7**	**48.1**	**42.5**	**40.7**	**38.5**
Pan, tobacco, intox.	3.2	2.9	2.7	2.2	2.4	2.3	1.9	1.6	1.2	1.4
Fuel & light	7.4	7.5	10.2	9.5	9.2	6.6	7.8	9.9	8.0	7.6
Clothing & bedding	5.4	6.9	4.5	4.9	6.3	4.7	6.1	4.0	4.7	5.3
Footwear	0.9	1.1	0.8	1.0	1.3	0.9	1.2	0.7	0.9	1.2
Misc. & services	17.3	19.6	23.4	24.0	26.1	27.5	31.3	37.2	37.8	39.7
Durable goods	2.7	2.6	3.4	4.8	6.1	3.3	3.6	4.1	6.7	6.3
Non-food total	**36.8**	**40.6**	**45.0**	**46.4**	**51.4**	**45.3**	**51.9**	**57.5**	**59.3**	**61.5**
Total expenditure	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**

Source : National Statistical Office (NSO)

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

3.8(b): Per capita Consumption of Different Commodities

Quantity in Kg/Litre/No.

Commodities	Year	Qty. consumed in a month		Qty. consumed per Annum	
		Rural	Urban	Rural	Urban
(1)	(2)	(3)	(4)	(5)	(6)
Rice &	1993-94	6.79	5.13	82.61	62.42
its Products	1999-00	6.59	5.10	80.18	62.05
(Kg)	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 &	1993-94	4.32	4.44	52.56	54.02
its Products	1999-00	4.45	4.45	54.14	54.14
(Kg)	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	1993-94	2.29	1.03	27.86	12.53
(Kg)	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	1993-94	13.40	10.60	163.03	128.97
(Kg)	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 &	1993-94	0.76	0.86	9.25	10.46
pulse products	1999-00	0.84	1.00	10.22	12.17
(Kg)	2004-05	0.71	0.82	8.64	9.98
	2009-10	0.65	0.79	7.92	9.60
	2011-12	0.78	0.90	9.53	10.96
All edible oil	1993-94	0.37	0.56	4.50	6.81
(Kg)	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	1993-94	2.20	4.48	26.77	54.51
(No.)	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	1993-94	0.32	0.46	3.89	5.60
(No.)	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	1993-94	0.06	0.12	0.73	1.46
(kg)	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
	2011-12	0.16	0.20	1.95	2.43

contd…

3.8(b): Per capita Consumption of Different Commodities

Quantity in Kg/Litre/No.

Commodities	Year	Qty. consumed in a month		Qty. consumed per Annum	
		Rural	Urban	Rural	Urban
(1)	(2)	(3)	(4)	(5)	(6)
Apple	1993-94	0.03	0.11	0.37	1.34
(kg)	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	1993-94	0.03	0.04	0.37	0.49
(kg)	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*	1993-94	2.71	2.91	32.97	35.41
(Kg)	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	1993-94	3.94	4.89	47.94	59.50
(litre)	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/	1993-94	0.06	0.11	0.73	1.34
mutton (kg)	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 Statistical Office (50, 55, 61, 66 & 68th Round)

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

3.9(a) : Stock of Foodgrains in the Central Pool (as on 1st January 2023)

(Million Tonnes)

Year	Rice	Wheat	Nutri 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	21.69
2006	12.64	6.19	0.43	19.26
2007	11.98	5.43	0.09	17.50
2008	11.47	7.71	0.00	19.18
2009	17.58	18.21	0.40	36.19
2010	24.35	23.09	0.25	47.69
2011	25.58	21.54	0.10	47.22
2012	29.72	25.67	0.10	55.49
2013	32.22	34.38	0.09	66.69
2014	14.70	28.05	0.38	43.12
2015	11.74	25.11	0.26	37.11
2016	12.69	23.79	0.09	36.57
2017	13.47	13.75	0.14	27.36
2018	16.21	19.56	0.16	35.93
2019	18.29	27.12	0.20	45.61
2020	23.72	32.80	0.32	56.84
2021	18.67	34.29	0.32	53.28
2022	22.15	33.01	0.18	55.35
2023	12.54	17.17	0.12	29.82

Source : Department of Food & Public Distribution.

3.9(b) : Existing Foodgrain Buffer Stock Norms for the Central Pool (applicable since 22.01.2015)

(Million Tonnes)

Date/Month	Rice	Wheat	Total
(1)	(2)	(3)	(4)
1st April	13.58	7.46	21.04
1st July	13.54	27.58	41.12
1st October	10.25	20.52	30.77
1st January	7.61	13.80	21.41

Source : Department of Food & Public Distribution.

Note: The above norms include a Food Security Reserve of 3 million tonnes of wheat from 01.07.2008 and 2 million tonnes of rice from 01.01.2009

3.10: Consumption and Stock of Raw Jute

(Lakh Bales of 180 Kgs.each)

Year (July-June)	Consumption	Stock (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
1999-00	97.50	10.50
2000-01	97.50	7.00
2001-02	100.00	16.00
2002-03	101.00	34.00
2003-04	96.00	33.00
2004-05	98.00	27.00
2005-06	98.00	8.00
2006-07	89.00	23.00
2007-08	108.00	22.00
2008-09	98.00	8.00
2009-10	89.00	12.00
2010-11	97.00	22.50
2011-12	103.00	31.00
2012-13	104.00	29.00
2013-14	96.00	24.00
2014-15	82.00	15.00
2015-16	79.00	6.00
2016-17	80.00	22.00
2017-18	79.00	22.40
2018-19	79.00	18.40
2019-20	64.00	26.40
2020-21	76.00	3.00
2021-22	80.00	19.00
2022-23 (as on 31.10.2022)	84.00	33.00

Source: Jute Corporation of India, Kolkata

3.11(a): State-wise Storage Capacity

(In Lakh Metric Tonnes)

S.No	State/UTs	March, 2015	March, 2016	March, 2017	March, 2018	March, 2019	March, 2020	March, 2021	March, 2022	March, 2023
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
1	Bihar	10.48	15.10	15.51	25.81	22.10	17.90	15.62	12.07	15.04
2	Odisha	13.68	11.63	13.44	12.10	13.15	13.39	12.36	6.44	11.60
3	West Bengal	14.68	16.72	18.59	18.67	19.44	3.90	20.03	10.60	19.26
4	Sikkim	0.00	0.00	0.00	0.00	0.00	19.13	0.23	0.11	0.23
5	Jharkhand	2.24	2.53	2.90	3.68	5.51	0.23	4.08	4.28	5.66
	Total East Zone	**41.08**	**45.98**	**50.44**	**60.26**	**60.20**	**54.55**	**52.32**	**33.50**	**51.80**
6	Assam	5.68	6.29	3.98	4.68	3.98	4.18	4.20	5.40	5.41
7	Arunachal Pradesh	0.33	0.23	0.39	0.27	0.30	0.33	0.33	0.40	0.42
8	Tripura	0.60	0.83	0.43	0.44	0.99	0.44	0.44	0.48	0.48
9	Manipur	0.32	0.32	0.32	0.32	0.49	0.49	0.52	0.63	0.65
10	Nagaland	0.40	0.45	0.44	0.48	0.49	0.46	0.46	0.58	1.35
11	Mizoram	0.67	0.67	0.25	0.93	0.67	0.25	0.25	0.32	0.32
12	Meghalaya	0.28	0.23	0.23	0.22	0.22	0.22	0.22	0.26	0.31
	Total North East Zone	**8.28**	**9.02**	**6.04**	**7.34**	**7.14**	**6.37**	**6.42**	**8.07**	**8.94**
13	Delhi	3.67	3.67	3.67	3.67	3.67	3.67	2.85	3.27	3.27
14	Haryana	106.14	116.11	100.99	99.17	112.20	131.44	131.61	69.24	83.80
15	Himachal Pradesh	0.48	0.49	0.33	0.51	0.53	0.72	0.78	0.88	0.92
16	Jammu & Kashmir	2.28	2.49	2.59	2.79	2.46	2.60	2.75	2.22	2.26
17	Ladakh	-	-	-	-	-	-	-	-	0.31
18	Punjab	238.54	252.56	249.67	201.43	234.30	234.27	226.18	139.14	148.51
19	Chandigarh	0.00	0.00	0.00	0.00	0.00	0.06	0.06	0.00	0.07
20	Rajasthan	25.62	23.24	21.15	19.90	27.83	19.26	20.35	24.64	10.81
21	Uttar Pradesh	58.39	64.43	57.23	58.72	62.38	54.17	54.49	60.68	44.85
22	Uttarakhand	3.67	3.80	3.70	3.93	2.94	2.47	2.40	2.13	3.50
	Total North Zone	**438.79**	**466.79**	**439.33**	**390.12**	**446.31**	**448.66**	**441.47**	**302.52**	**298.31**
23	Andhra Pradesh	27.36	24.02	28.79	26.80	25.48	22.87	33.52	11.20	39.24
24	Telangana	17.96	20.88	17.52	27.37	33.42	28.85	17.09	23.33	12.44
25	Kerala	5.89	5.89	5.55	7.17	7.62	5.63	6.15	6.38	8.13
26	Karnataka	29.28	29.62	13.88	11.56	12.49	10.87	10.37	11.17	9.93
27	Tamil Nadu	17.32	16.99	27.42	43.17	31.31	28.96	29.61	16.15	27.36
28	Puducherry	0.00	0.00	0.00	0.00	0.00	1.34	0.50	0.53	0.46
29	A&N Islands	0.00	0.00	0.00	0.00	0.00	0.07	0.10	0.07	0.10
30	Lakshadweep	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
	Total South Zone	**97.81**	**97.40**	**93.16**	**116.07**	**110.32**	**98.59**	**97.34**	**68.86**	**97.69**
31	Gujarat	10.11	9.26	8.77	9.28	10.71	7.11	7.12	8.64	8.50
32	Maharashtra	29.91	31.55	31.87	33.99	38.30	20.49	20.50	19.70	16.72
33	Goa	0.20	0.20	0.00	0.20	0.00	0.20	0.20	0.25	0.19
34	Madhya Pradesh	59.17	129.66	124.29	210.73	157.80	92.96	167.86	4.71	199.50
35	Chhattisgarh	23.87	24.98	19.03	15.04	24.90	27.02	24.73	15.30	29.94
36	Daman & Diu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37	D&N Haveli	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total West Zone	**123.26**	**195.65**	**183.96**	**269.24**	**231.71**	**147.78**	**220.41**	**48.60**	**254.85**
	Grand Total	**709.22**	**814.84**	**772.93**	**843.03**	**855.68**	**755.94**	**817.96**	**461.55**	**711.59**

Source : Department of Food & Public Distribution.

Note: Storage capacity pertains to FCI (both owned and hired) and State Agencies

3.11 (b): State-wise Cold Storage Capacity (as on 30.11.2022)

S.No.	State/UTs	No. of Projects	Capacity (Metric Tonnes)
(1)	(2)	(3)	(4)
1	Andaman & Nicobar Islands (UT)	4	2210
2	Andhra Pradesh & Telangana	442	1703321
3	Arunachal Pradesh	3	8250
4	Assam	42	202096
5	Bihar	312	1475667
6	Chandigarh (UT)	7	12462
7	Chhattisgarh	99	487263
8	Delhi	97	129857
9	Goa	29	7705
10	Gujarat	994	3888425
11	Haryana	374	853329
12	Himachal Pradesh	84	168543
13	Jammu & Kashmir	76	282853
14	Jharkhand	58	236680
15	Karnataka	232	709991
16	Kerala	201	96405
17	Lakshadweep (UT)	1	15
18	Madhya Pradesh	309	1331532
19	Maharashtra	628	1047676
20	Manipur	5	7840
21	Meghalaya	4	8200
22	Mizoram	3	4071
23	Nagaland	5	8150
24	Orissa	181	576688
25	Pondicherry (UT)	3	85
26	Punjab	726	2451501
27	Rajasthan	187	631569
28	Sikkim	2	2100
29	Tamil Nadu	187	395940
30	Telangana	74	411518
31	Tripura	17	51140
32	Uttar Pradesh	2437	14875987
33	Uttrakhand	60	206621
34	West Bengal	515	5948316
	Total	**8398**	**38224006**

Source: National Horticulture Board (NHB), National Horticulture Mission (NHM), Horticulture Mission for North East & Himalayan States (HMNEH) & Ministry of Food Processing Industries (MoFPI) afterwards.

3.12: Food Subsidy

Year	Food Subsidy (in ₹ thousand crore)
(1)	(2)
2009-10	58.2
2010-11	62.9
2011-12	72.4
2012-13	84.6
2013-14	89.7
2014-15	113.2
2015-16	134.9
2016-17	105.7
2017-18	100.0
2018-19	101.1
2019-20	119.9
2020-21	529.7
2021-22	288.7
2022-23	272.5
2023-24	211.4
2024-25 (as on 20.06.2024)	61.5

Source : DFPD

Notes:

1. In addition to net subsidy released to FCI, NSSF loan of Rs 25,000 crires in FY 2016-17, Rs 40,000 crores in FY2017-18, Rs. 70,000 crores in FY 2018-19 and Rs 44,164.02 crores in FY 2019-20 was availed by FCI

2. Rs. 3,39,236 Crores for FY 2020-21 released from food subsidy has been adjusted for repayment of NSSF loan. Excludes Rs. 11,436 crores repayed to FCI from DCP States Head.

3. The RE, 2019-20 was Rs. 33,508.35 crores. Subsidy released includes Rs. 11, 436 crores (as part of NSSF loan), released from FCI to DCP States which was returned to FCI in 2021-21

@ As on 31.10.2022.

3.13 : Production and Use of Agricultural Inputs in India

Programme	Unit	2001-02	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)	(12)
1. Seeds											
(i) Production of Breeder Seeds	Thousand Qtls.	45.54	48.42	61.82	68.46	68.64	73.83	91.96	94.41	102.00	118.85
(ii) Production of Foundation Seeds	Lakh Qtls.	5.44	6.14	6.50	6.90	7.40	7.96	8.25	9.62	11.46	18.06
(iii) Distribution of Certified/Quality Seeds	Lakh Qtls.	91.80	98.03	108.59	120.26	126.75	155.01	179.05	215.81	257.11	277.34
2. Consumption of Chemical Fertilisers											
Nitrogenous (N)	Thousand Tonnes	11310	10474	11076	11714	12723	13774	14419	15090	15580	16558
Phosphatic(P)	Thousand Tonnes	4382	4019	4124	4624	5204	5543	5515	6506	7274	8050
Potassic(K)	Thousand Tonnes	1667	1601	1598	2060	2413	2335	2636	3313	3632	3514
Total (N+P+K)	Thousand Tonnes	17360	16094	16798	18398	20340	21651	22570	24909	26486	28122
Per Hectare	Kgs	92.33	92.55	88.57	96.27	105.53	112.55	115.27	127.53	140.15	142.52
3. Consumption of Pesticides (Technical Grade Material)	Thousand Tonnes	47.02	48.35	41.02	40.67	39.77	43.41	41.64	43.86	41.82	55.54

contd…

3.13 : Production and Use of Agricultural Inputs in India

Programme	Unit	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
(1)	(2)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(22)	(23)
1. Seeds													
(i) Production of Breeder Seeds	Thousand Qtls.	123.38	110.20	82.29	86.21	90.37	110.71	105.08	104.26	92.7	91.16	93.54	89.2
(ii) Production of Foundation Seeds	Lakh Qtls.	22.26	16.17	17.43	15.76	14.95	22.09	19.54	18.00	22.25	24.12	21.40	23.59
(iii) Distribution of Certified/Quality Seeds	Lakh Qtls.	294.85	313.44	301.39	303.12	304.04	348.58	352.01	320.41	383.72	421.09	430.31	445.11
2. Consumption of Chemical Fertilisers													
Nitrogenous (N)	Thousand Tonnes	17300	16821	16750	16946	17372	16735	16958	17628	19100	20404	19438	-
Phosphatic(P)	Thousand Tonnes	7914	6653	5633	6098	6979	6705	6854	6968	7662	8978	7828	-
Potassic(K)	Thousand Tonnes	2576	2062	2099	2532	2402	2508	2779	2779	2607	3154	2529	-
Total (N+P+K)	Thousand Tonnes	27790	25536	24482	25576	26753	25949	26591	27375	29369	32536	29796	-
Per Hectare	Kgs	142.05	131.46	121.83	128.94	135.76	123.41	127.55	132.57	133.44	137.15	-	-
3. Consumption of Pesticides (Technical Grade Material)	Thousand Tonnes	52.98	45.62	60.28	56.27	56.72	58.63	63.41	59.67	61.70	62.19	58.72	53.63

Source: Department of Agriculture & Farmers Welfare

3.14 : Consumption, Production and Import of Fertilisers

(Lakh Tonnes)

Year	Consumption				Production				Imports				C &.F Value of Imported Urea (₹ Crore)
	N	P	K	TOTAL	N	P	K	TOTAL	N	P	K	TOTAL	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1981-82	40.69	13.22	6.73	60.64	31.44	9.49	0.00	40.93	10.54	3.43	6.44	20.41	716.62
1982-83	42.24	14.37	7.27	63.88	34.24	9.80	0.00	44.04	4.25	0.63	6.44	11.32	273.53
1983-84	52.05	17.30	7.75	77.10	34.85	10.48	0.00	45.33	6.56	1.43	5.56	13.55	365.05
1984-85	54.87	18.86	8.38	82.11	39.17	12.63	0.00	51.80	20.08	7.45	8.71	36.24	1500.00
1985-86	56.61	20.05	8.08	84.74	43.28	14.28	0.00	57.56	16.80	8.16	9.03	33.99	1405.00
1986-87	57.16	20.79	8.50	86.45	54.10	16.60	0.00	70.70	11.03	2.55	9.52	23.10	651.00
1987-88	57.17	21.87	8.80	87.84	54.66	16.65	0.00	71.31	1.75	-	8.09	9.84	223.77
1988-89	72.51	27.21	10.68	110.40	67.12	22.52	0.00	89.64	2.19	4.07	9.82	16.08	644.52
1989-90	73.86	30.14	11.68	115.68	67.47	17.96	0.00	85.43	5.23	13.11	12.80	31.14	1538.77
1990-91	79.97	32.21	13.28	125.46	69.93	20.52	0.00	90.45	4.14	10.16	13.28	27.58	1335.82
1991-92	80.46	33.21	13.61	127.28	73.01	25.62	0.00	98.63	5.66	9.67	12.36	27.69	1934.19
1992-93	84.26	28.43	8.84	121.53	74.30	23.06	0.00	97.36	11.37	6.89	10.82	29.08	2216.00
1993-94	87.88	26.69	9.09	123.66	72.31	18.16	0.00	90.47	15.88	7.22	8.57	31.67	1300.18
1994-95	95.07	29.32	11.25	135.64	79.45	24.93	0.00	104.38	14.76	3.80	11.09	29.65	1785.11
1995-96	98.23	28.98	11.56	138.77	87.77	25.58	0.00	113.35	19.93	6.47	13.15	39.55	2840.13
1996-97	103.01	29.77	10.30	143.08	85.99	25.56	0.00	111.55	11.67	4.26	6.13	22.06	1701.74
1997-98	109.01	39.14	13.73	161.88	100.86	29.76	0.00	130.62	13.62	6.72	11.40	31.74	1296.57
1998-99	113.54	41.12	13.32	167.98	104.80	31.44	0.00	136.24	6.35	9.68	15.42	31.45	240.00
1999-00	115.92	47.99	16.78	180.69	108.90	33.99	0.00	142.89	8.33	15.03	17.34	40.75	197.16
2000-01	109.20	42.15	15.68	167.02	109.61	37.43	0.00	147.04	1.54	3.96	15.41	20.91	*
2001-02	113.10	43.82	16.67	173.60	107.71	38.61	0.00	146.32	2.69	4.29	17.01	23.99	113.09
2002-03	104.74	40.19	16.01	160.94	105.62	39.06	0.00	144.68	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	183.98	113.39	40.65	0.00	154.04	4.11	2.96	20.45	27.52	684.73
2005-06	127.23	52.04	24.14	203.41	113.55	42.21	0.00	155.76	13.85	11.21	27.47	52.53	1747.34
2006-07	137.73	55.43	23.35	216.51	115.77	45.17	0.00	160.94	26.88	13.23	20.69	60.80	4647.18
2007-08	144.19	55.15	26.36	225.70	108.99	38.07	0.00	147.06	36.77	12.53	26.53	75.83	8334.65
2008-09	150.91	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	121.57	42.23	0.00	163.80	44.92	38.02	40.69	123.63	8348.89
2011-12	173.00	79.14	25.75	277.90	122.59	43.68	0.00	166.27	52.40	44.27	33.35	130.02	15442.02
2012-13	168.21	66.53	20.62	255.36	121.94	38.30	0.00	160.24	46.90	27.78	12.30	86.98	15980.22
2013-14	167.50	56.33	20.99	244.82	123.78	39.60	0.00	163.38	38.08	15.90	13.33	67.31	14987.95
2014-15	169.45	60.98	25.32	255.76	123.94	41.21	0.00	165.15	47.66	18.32	25.37	91.35	12035.26
2015-16	173.72	69.79	24.02	267.53	134.14	43.94	0.00	178.08	50.68	28.88	20.53	100.09	13984.93
2016-17	167.35	67.05	25.08	259.49	133.51	45.95	0.00	179.46	33.85	21.30	23.25	78.40	7024.32
2017-18	169.58	68.54	27.79	265.91	133.83	47.23	0.00	181.06	35.88	20.47	28.95	85.30	8350.94
2018-19	179.02	68.57	25.29	272.88	132.98	45.94	0.00	178.92	47.01	31.67	26.29	104.97	-
2019-20	191.00	76.62	26.07	293.69	136.87	47.91	0.00	184.76	51.91	24.13	22.8	98.84	-
2020-21	204.04	89.78	31.54	325.36	137.15	47.39	0.00	184.54	56.33	25.43	26.7	108.46	-
2021-22	194.38	78.29	25.29	297.96	138.39	47.14	0.00	185.53	53.59	27.81	16.3	97.70	-
2022-23	202.06	79.22	17.16	298.44	157.01	50.1	0.00	207.11	51.02	36.29	14.31	101.62	-
2023-24	204.56	83.07	18.79	306.42	170.67	48.8	0.00	219.48	45.75	30.46	20.19	96.40	-

Source : Department of Fertilizers and Department of Agriculture & Farmers Welfare

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

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

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

3.15: State-wise Consumption of Fertilisers in Terms of Nutrients (N, P & K)

(Thousand Tonnes)

S. No.	State/Zone	2019-20				2020-21				2021-22			
		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)
South Zone													
1	Andhra Pradesh	980.95	490.29	211.79	1683.03	1139.63	618.59	267.72	2025.94	1008.89	506.53	184.16	1699.58
2	Telangana	987.09	369.68	122.41	1479.18	1169.73	474.60	173.22	1817.55	1104.81	423.92	107.69	1636.42
3	Karnataka	1017.59	560.33	282.99	1860.91	1179.45	688.20	355.19	2222.84	1237.50	649.49	305.39	2192.38
4	Kerala	79.27	33.77	61.83	174.87	88.06	37.96	75.09	201.11	78.24	31.72	56.14	166.10
5	Tamil Nadu	582.30	233.56	171.31	987.17	644.86	269.32	206.72	1120.90	675.97	274.29	179.33	1129.59
6	Puducherry	6.78	1.83	0.91	9.52	8.48	2.16	1.55	12.19	8.48	1.94	1.04	11.46
7	A&N Islands	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.13	0.29	0.40	0.00	0.69
8	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
	SZ TOTAL	**3653.98**	**1689.46**	**851.24**	**6194.68**	**4230.34**	**2090.83**	**1079.49**	**7400.66**	**4114.18**	**1888.29**	**833.75**	**6836.22**
West Zone													
9	Gujarat	1296.44	381.65	113.58	1791.67	1349.67	470.81	136.93	1957.41	1215.29	382.62	101.93	1699.84
10	Madhya Pradesh	1673.06	894.31	116.02	2683.39	1732.70	1020.62	140.19	2893.51	1628.80	890.21	132.72	2651.73
11	Chhattisgarh	449.68	225.53	62.14	737.35	525.09	271.99	74.53	871.61	454.68	234.71	68.62	758.01
12	Maharashtra	1560.96	898.21	482.12	2941.29	1699.85	1127.93	585.82	3413.60	1594.00	1012.19	529.38	3135.57
13	Rajasthan	1217.55	479.06	20.97	1717.58	1242.56	509.77	24.66	1776.99	1166.55	414.70	30.14	1611.39
14	Goa	1.34	0.87	1.01	3.22	1.77	0.93	0.96	3.66	1.50	0.73	0.92	3.15
15	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
16	D&N Haveli	0.00	0.00	0.00	0.00	0.52	0.36	0.00	0.88	0.29	0.13	0.00	0.42
	WZ TOTAL	**6199.03**	**2879.63**	**795.84**	**9874.50**	**6552.16**	**3402.41**	**963.09**	**10917.66**	**6061.11**	**2935.29**	**863.71**	**9860.11**
North Zone													
17	Haryana	1069.64	302.93	37.88	1410.45	1107.03	318.45	39.19	1464.67	1052.25	276.44	45.31	1374.00
18	Punjab	1499.79	363.06	43.03	1905.88	1495.18	382.65	55.42	1933.25	1573.88	355.91	59.97	1989.76
19	Uttar Pradesh	3740.23	1226.82	205.92	5172.97	3963.73	1426.83	238.43	5628.99	3745.50	1237.07	186.50	5169.07
20	Uttarakhand	123.87	30.73	8.81	163.41	120.68	28.99	8.37	158.04	104.73	24.44	6.76	135.93
21	Himachal Pradesh	38.29	10.38	9.95	58.62	37.75	11.25	10.26	59.26	38.27	9.18	8.54	55.99
22	J & K	50.82	16.83	11.19	78.84	114.10	37.56	28.84	180.50	85.40	21.63	13.04	120.07
23	Delhi	12.27	2.05	0.32	14.64	10.71	1.70	0.29	12.70	12.81	1.72	0.16	14.69
24	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
	NZ TOTAL	**6534.91**	**1952.80**	**317.10**	**8804.81**	**6849.18**	**2207.43**	**380.80**	**9437.41**	**6612.84**	**1926.39**	**320.28**	**8859.51**
East Zone													
25	Bihar	1235.32	423.35	161.83	1820.50	1285.28	457.97	167.71	1910.96	1159.28	353.93	100.25	1613.46
26	Jharkhand	131.90	45.18	4.59	181.67	144.19	58.24	5.72	208.15	141.95	53.21	6.66	201.82
27	Odisha	348.21	151.22	74.95	574.38	347.24	178.88	85.07	611.19	351.69	168.71	66.98	587.38
28	West Bengal	790.07	460.47	348.62	1599.16	800.67	518.55	418.39	1737.61	796.43	445.52	300.95	1542.90
	EZ TOTAL	**2505.50**	**1080.22**	**589.99**	**4175.71**	**2577.38**	**1213.64**	**676.89**	**4467.91**	**2449.35**	**1021.37**	**474.84**	**3945.56**
North East Zone													
29	Assam	181.74	50.12	46.47	278.33	175.63	54.76	49.23	279.62	178.46	48.24	34.91	261.61
30	Tripura	8.73	5.62	5.28	19.63	7.27	6.18	2.59	16.04	11.31	6.23	1.82	19.36
31	Manipur	12.82	3.70	0.98	17.50	10.73	2.54	1.61	14.88	9.59	2.65	0.14	12.38
32	Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	Nagaland	0.00	0.00	0.00	0.00	0.30	0.04	0.00	0.34	0.24	0.00	0.00	0.24
34	Arunachal Pradesh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	Mizoram	3.78	0.21	0.09	4.08	0.99	0.13	0.00	1.12	1.24	0.02	0.00	1.26
36	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
	NE TOTAL	**207.07**	**59.65**	**52.82**	**319.54**	**194.92**	**63.65**	**53.43**	**312.00**	**200.84**	**57.14**	**36.87**	**294.85**
	ALL INDIA	**19100.49**	**7661.76**	**2606.99**	**29369.24**	**20403.98**	**8977.96**	**3153.7**	**32535.64**	**19438.32**	**7828.48**	**2529.45**	**29796.25**

Source : mFMS Portal

3.16 (a): Economics of Application of Fertilisers on Paddy and Wheat in India

(Quantity in Kgs.)

Particulars	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
I. Paddy																	
Quantity of Paddy required to buy																	
(a) 1 kg N	1.69	1.41	1.17	1.05	1.15	1.07	0.93	0.89	0.86	0.87	0.83	0.79	0.70	0.67	0.65	0.63	0.6
(b)1 kg of P_2O_5																	
- as SSP	2.72 to 4.34	2.27 to 3.61	2.36	2.13	2.00	1.85 to 3.64	3.50	3.16	3.50	3.32	3.07	2.93	2.77	2.70	2.76	2.42	2.6
- as DAP	2.62	2.18	1.80	1.62	1.71 to 1.89	1.75 to 3.67	3.81	3.39	3.45	3.45	2.94	2.81	3.09	2.62	2.55	2.45	2.65
- as complex	2.83 to 4.79	2.36 to 3.99	1.80	1.62	N.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(c) 1 kg of K_2O	1.20	1.00	0.83	0.74	0.74 to 0.84	0.93 to 1.86	2.27	2.04	2.02	1.89	1.25	1.29	1.52	1.74	1.56	1.68	2.78
II. Wheat																	
Quantity of Wheat required to buy																	
(a) 1 kg N	1.40	1.05	0.97	0.95	0.99	0.90	0.86	0.83	0.80	0.80	0.75	0.70	0.66	0.64	0.62	0.61	0.58
(b)1 kg of P_2O_5																	
- as SSP	2.25 to 3.58	1.69 to 2.69	1.97	1.93	1.71	1.56 to 3.06	3.24	2.96	3.28	3.07	2.78	2.62	2.63	2.55	2.61	2.33	2.5
- as DAP	2.16	1.62	1.50	1.47	1.46 to 1.61	1.47 to 3.08	3.53	3.17	3.24	3.19	2.66	2.51	2.94	2.47	2.41	2.36	2.55
- as complex	2.34 to 3.96	1.76 to 2.97	1.50	1.47	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(c) 1 kg of K_2O	0.99	0.74	0.69	0.68	0.64 to 0.72	0.78 to 1.57	2.10	1.91	1.90	1.75	1.13	1.15	1.45	1.65	1.48	1.61	2.67

Source : Fertiliser Statistics - 2022-23, The Fertiliser Association of India, New Delhi.

3.16 (b) State-wise Status of Soil Health Card Scheme- Cycle-I (2015 to 2017)

S.No.	State/UTs	Cumulative Target for Soil Samples Collection & Testing during Cycle-I (2015-16 & 2016-17)	No. of Samples Collected (Cycle-I)	No. of Samples Tested (Cycle-I)	Cumulative Target for Printing & Distribution of SHCs for Cycle-I (2015-16 & 2016-17)	No. of SHCs Distributed (Cycle-I)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Andaman & Nicobar	1405	1405	1405	10000	10000
2	Andhra Pradesh	1348382	1348382	1348382	7455204	7455204
3	Arunachal Pradesh	20532	20532	20532	20532	20532
4	Assam	278707	278707	278707	1300901	1300901
5	Bihar	1308778	1308778	1308778	6469650	6469650
6	Chhattisgarh	703691	703691	703691	3890709	3890709
7	Dadra & Nagar Haveli anc	2222	2222	2222	2222	2222
8	Goa	25000	25000	25000	25000	25000
9	Gujarat	1589236	1589236	1589236	5108923	5108923
10	Haryana	788670	788670	788670	4227238	4227238
11	Himachal Pradesh	69635	69635	69635	385011	385011
12	Jammu & Kashmir and La	160687	160687	160687	692062	692062
13	Jharkhand	115302	115302	115302	637507	637507
14	Karnataka	1665765	1665765	1665765	7832189	7832189
15	Kerala	127585	127585	127585	763435	763435
16	Madhya Pradesh	2313977	2313977	2313977	8872377	8872377
17	Maharashtra	2347121	2347121	2347121	12977232	12977232
18	Manipur	20713	20713	20713	114522	114522
19	Meghalaya	39372	39372	39372	209561	209561
20	Mizoram	11986	11986	11986	11986	11986
21	Nagaland	33423	33423	33423	184797	184797
22	Odisha	668635	668635	668635	2374233	2374233
23	Puducherry	3530	3530	3530	19594	19594
24	Punjab	835526	835526	835526	1251726	1251726
25	Rajasthan	2308013	2308013	2308013	6886000	6886000
26	Sikkim	13217	13217	13217	46000	46000
27	Tamil Nadu	1274536	1274536	1274536	7000000	7000000
28	Telangana	1034678	1034678	1034678	5720737	5720737
29	Tripura	32736	32736	32736	117723	117723
30	Uttar Pradesh	4770399	4770399	4770399	17014573	17014573
31	Uttarakhand	135738	135738	135738	750494	750494
32	West Bengal	1300349	1300349	1300349	5040510	5040510
	Total	**25349546**	**25349546**	**25349546**	**107412648**	**107412648**

Source : Department of Agriculture & Farmers Welfare

3.16 (c):State-wise Status of Soil Health Card Scheme- Cycle-II (2017 to 2019)

S.No.	State/UTs	Cumulative Target for Soil Samples Collection & Testing during Cycle-II (2017-18 & 2018-19)	No. of Samples Collected (Cycle-II)	No. of Samples Tested (Cycle-II)	Cumulative Target for Printing & Distribution of SHCs for Cycle-II (2017-18 & 2018-19)	No. of SHCs Distributed (Cycle-II)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Andaman & Nicobar	11804	9540	9540	11804	9540
2	Andhra Pradesh	1364148	1364148	1364148	6927733	6927733
3	Arunachal Pradesh	22128	22128	22128	44256	44256
4	Assam	284778	292442	278719	1296197	1296197
5	Bihar	1308778	1162950	1162950	7236232	6277942
6	Chhattisgarh	949334	963421	957060	4746670	5514508
7	Dadra & Nagar Haveli and Daman & Diu	2838	2838	2838	12000	12994
8	Goa	20000	20241	18987	20000	19550
9	Gujarat	1675912	1675912	1675912	8671152	8671152
10	Haryana	1343425	1343425	1343425	4143900	4143900
11	Himachal Pradesh	100000	100000	100000	960765	960765
12	Jammu & Kashmir and Ladakh	158366	150828	142965	1449398	1014182
13	Jharkhand	115302	107356	74228	637508	263815
14	Karnataka	1665766	1665766	1665766	7832189	9073145
15	Kerala	173980	173980	136769	2350000	2319002
16	Madhya Pradesh	2315844	2351819	2349600	8872453	8907385
17	Maharashtra	2851525	2801067	2792042	13098115	13067735
18	Manipur	20714	20714	20714	114522	114522
19	Meghalaya	39372	41136	41110	215235	216514
20	Mizoram	11986	11986	11986	16458	16458
21	Nagaland	24995	16712	16712	178411	12000
22	Odisha	586763	584777	584777	2053734	2047308
23	Puducherry	7060	7060	7060	12000	12089
24	Punjab	835526	835526	835526	1052554	1160568
25	Rajasthan	2865039	3030443	3030443	10431793	12079000
26	Sikkim	15243	15243	15243	66000	66000
27	Tamil Nadu	1302981	1302981	1302981	7016654	7016654
28	Telangana	960614	960614	960614	4842509	4842509
29	Tripura	32736	34798	34798	117723	158337
30	Uttar Pradesh	4867442	5273224	5082803	23325456	20354551
31	Uttarakhand	139390	139390	139390	882797	882797
32	West Bengal	1293922	1303770	1234473	5100649	4423049
	Total	**27367711**	**27786235**	**27415707**	**123736867**	**121926157**

Source: Department of Agriculture & Farmers Welfare

3.16 (d):State-wise Model Village status of Soil Health Card Scheme (2019-20)

S.No.	State/UTs	Target for Soil Samples Collection, Testing & Distribution of SHCs during 2019-20	No. of Soil Samples Collected (2019-20)	No. of Soil Samples Tested (2019-20)	No. of SHCs Distributed (2019-20)
(1)	(2)	(3)	(4)	(5)	(6)
1	Andaman & Nicobar	1007	1007	1007	1007
2	Andhra Pradesh	226487	226487	226487	226487
3	Arunachal Pradesh	5432	5432	5432	5432
4	Assam	69457	68440	67966	67860
5	Bihar	154814	123866	123866	123866
6	Chhattisgarh	59302	59302	59302	65341
7	Dadra & Nagar Haveli and Da	581	581	581	581
8	Goa	2900	2905	2852	2909
9	Gujarat	63591	63591	63591	63591
10	Haryana	25605	25605	25605	25605
11	Himachal Pradesh	18725	19671	19671	19671
12	Jammu & Kashmir	65534	59460	56746	56742
13	Ladakh	2356	2194	1718	1718
14	Jharkhand	35364	26401	19028	24037
15	Karnataka	65034	72716	72716	73221
16	Kerala	167200	128256	136769	126540
17	Madhya Pradesh	127585	127585	127585	127585
18	Maharashtra	201837	201837	201837	201837
19	Manipur	10010	10010	10010	10010
20	Meghalaya	3243	3243	3243	3243
21	Mizoram	2119	2119	2119	2119
22	Nagaland	27304	27304	27304	27304
23	Odisha	162405	229251	229251	440927
24	Puducherry	2504	2508	2508	2508
25	Punjab	17793	19196	19196	19196
26	Rajasthan	86341	86337	86337	104774
27	Sikkim	2936	2936	2936	2936
28	Tamil Nadu	58317	58317	58317	58317
29	Telangana	110664	110664	110664	110664
30	Tripura	15602	15602	15602	15002
31	Uttar Pradesh	255517	255517	255517	255517
32	Uttarakhand	13645	13645	13645	13645
33	West Bengal	143265	91360	91360	91360
	Total	**2204476**	**2143345**	**2140768**	**2371552**

Source: Department of Agriculture & Farmers Welfare

3.16 (e):State-wise status of Soil Health Card Scheme during 2020-21

S.No.	States/UTs	Target for Soil Samples Collection, Testing & Distribution of SHCs	No. of Samples Collected	No. of Samples Tested	No. of SHCs Printed	No. of SHCs Distributed
1	Andaman & Nicobar	0	3000	3000	3000	3000
2	Andhra Pradesh	0	0	0	0	0
3	Arunachal Pradesh	0	53	53	53	53
4	Assam	0	0	0	0	0
5	Bihar	0	274158	273326	333359	333359
6	Chhattisgarh	0	387	387	387	387
7	Dadra & Nagar Haveli and Daman & Diu	0	0	0	0	0
8	Goa	0	6556	6556	6556	6556
9	Gujarat	0	0	0	0	0
10	Haryana	0	18972	18972	18972	18972
11	Himachal Pradesh	0	5168	5168	5168	5168
12	Jammu & Kashmir	0	77519	77519	77519	77519
13	Ladakh	0	0	0	0	0
14	Jharkhand	0	0	0	0	0
15	Karnataka	0	40104	40104	40104	40104
16	Kerala	0	118022	118022	118022	118022
17	Madhya Pradesh	0	133000	133000	133000	133000
18	Maharashtra	0	0	0	0	0
19	Manipur	0	10010	10010	10010	10010
20	Meghalaya	0	10022	10022	14195	14195
21	Mizoram	0	0	0	0	0
22	Nagaland	0	0	0	0	0
23	Odisha	0	52056	52056	52056	52056
24	Puducherry	0	3006	3006	3006	3006
25	Punjab	0	19196	19196	19196	19196
26	Rajasthan	0	0	0	0	0
27	Sikkim	0	0	0	0	0
28	Tamil Nadu	0	357000	357000	357000	357000
29	Telangana	0	165527	165527	165527	165527
30	Tripura	0	6467	6467	6467	6467
31	Uttar Pradesh	34325	28109	28109	27014	27014
32	Uttarakhand	158147	122167	116551	81876	66869
33	West Bengal	0	0	0	0	0
	Total	**192472**	**1450499**	**1444051**	**1472487**	**1457480**

Source: Department of Agriculture & Farmers Welfare

3.16(f):State-wise status of Soil Health Card Scheme during 2022-23

S.No.	States/UTs	Target for Soil Samples Collection, Testing & Distribution of SHCs	No. of Samples Collected	No. of Samples Tested	No. of SHCs Printed	No. of SHCs Distributed
1	Andaman & Nicobar	0	3000	2850	2850	2850
2	Andhra Pradesh	0	0	0	0	0
3	Arunachal Pradesh	0	0	0	0	0
4	Assam	0	0	0	0	0
5	Bihar	500000	502852	501508	1510587	1479473
6	Chhattisgarh	0	0	0	0	0
7	Dadra & Nagar Haveli and Daman & Diu	0	0	0	0	0
8	Goa	0	9033	9033	9033	9033
9	Gujarat	0	179769	179769	88422	88422
10	Haryana	600000	600000	600000	600000	600000
11	Himachal Pradesh	24000	24134	24134	24134	24134
12	Jammu & Kashmir	0	272378	186890	186890	186890
13	Ladakh	0	0	0	0	0
14	Jharkhand	0	0	0	0	0
15	Karnataka	232600	178894	177359	177359	177359
16	Kerala	0	0	0	0	0
17	Madhya Pradesh	371437	183443	168208	168208	168208
18	Maharashtra	206100	206153	206153	206153	206153
19	Manipur	7500	7800	7800	7800	7800
20	Meghalaya	0	0	0	0	0
21	Mizoram	2857	1140	270	0	0
22	Nagaland	14800	479	0	0	0
23	Odisha	0	454062	444635	325484	278669
24	Puducherry	0	0	0	0	0
25	Punjab	0	168745	168745	168745	168745
26	Rajasthan	0	154429	154429	154429	154429
27	Sikkim	12000	3000	3000	0	0
28	Tamil Nadu	269384	134050	134050	0	0
29	Telangana	0	0	0	0	0
30	Tripura	20000	20075	20075	22944	22944
31	Uttar Pradesh	0	593449	547592	392257	73462
32	Uttarakhand	0	57424	57424	25305	25305
33	West Bengal	0	0	0	0	0
	Total	**2260678**	**3754309**	**3593924**	**4070600**	**3673876**

Source: Department of Agriculture & Farmers Welfare

3.16(g):State-wise status of Soil Health Card Scheme during 2023-24

S. No.	State	Total Test Alloted	No. of Samples Collected	Test Completed & SHC Generated
1	Andaman And Nicobar Islands	1000	494	110
2	Andhra Pradesh	647453	255638	59804
3	Arunachal Pradesh	2250	1713	37
4	Assam	298482	18829	11
5	Bihar	200000	220421	142051
6	Chhattisgarh	160000	160157	143082
7	Dadra & Nagar Haveli And Daman & Diu	0	0	0
8	Goa	9400	9030	3071
9	Gujarat	180650	176004	42635
10	Haryana	300000	258145	20005
11	Himachal Pradesh	12000	12450	8074
12	Jammu And Kashmir	54000	55150	47932
13	Jharkhand	123400	63048	7316
14	Karnataka	284829	129537	128964
15	Kerala	136800	0	0
16	Ladakh	4000	2150	0
17	Madhya Pradesh	1246700	339001	117838
18	Maharashtra	296000	187832	51671
19	Manipur	15000	22	0
20	Meghalaya	13000	10830	6662
21	Mizoram	5171	3244	643
22	Nagaland	14800	15022	14983
23	Odisha	440000	53143	15700
24	Puducherry	3000	1841	151
25	Punjab	150000	47793	863
26	Rajasthan	300000	260984	68880
27	Sikkim	15000	9903	2809
28	Tamilnadu	115184	252486	213417
29	Telangana	300000	0	0
30	Tripura	20000	14378	5034
31	Uttar Pradesh	750000	485433	331438
32	Uttarakhand	52368	51688	24729
33	West Bengal	333900	309154	80694
	Total	**6484387**	**3405520**	**1538604**

Source: Department of Agriculture & Farmers Welfare

3.17(a): Crop-wise Requirement and Availability of Certified/ Quality Seeds

(Lakh Quintals)

Year	2020-21				2021-22				2022-23			
	Require-ment	Availability			Require-ment	Availability			Require-ment	Availability		
Crop Name		Public	Private	Total		Public	Private	Total		Public	Private	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Wheat	124.75	54.34	97.11	151.44	133.79	53.24	91.15	144.40	137.51	34.20	109.35	143.54
Paddy	98.79	51.50	57.25	108.75	103.33	52.33	67.89	120.21	99.29	48.76	71.23	119.99
Ragi	0.33	0.42	0.11	0.53	0.50	0.56	0.05	0.61	0.57	0.64	0.12	0.76
Barley	1.96	0.71	2.99	3.70	2.08	0.55	2.17	2.72	1.96	0.25	2.39	2.64
Maize	14.99	1.16	14.98	16.13	14.47	3.81	9.71	13.52	15.48	0.99	29.00	29.99
Bajra	2.44	0.30	2.39	2.69	2.39	0.27	2.34	2.61	2.64	0.36	3.97	4.33
Jowar	2.42	0.53	2.19	2.72	1.95	0.71	1.51	2.21	2.07	0.48	2.47	2.95
Other Cereals	0.10	0.06	0.04	0.10	0.10	0.09	0.02	0.11	0.14	0.12	0.03	0.16
Total	**245.78**	**109.00**	**177.06**	**286.06**	**258.60**	**111.55**	**174.85**	**286.40**	**259.65**	**85.80**	**218.55**	**304.35**
Gram	22.03	15.54	8.16	23.71	21.71	15.44	8.24	23.68	23.75	14.18	11.16	25.35
Urad	3.26	2.34	1.33	3.67	3.47	1.89	1.69	3.58	3.41	2.18	1.63	3.81
Cowpea	0.22	0.11	0.12	0.24	0.14	0.07	0.10	0.17	0.33	0.14	0.22	0.36
Moong	2.48	2.02	1.36	3.37	2.45	1.80	1.32	3.11	2.63	1.52	1.51	3.03
Horse Gram	0.18	0.06	0.12	0.19	0.24	0.09	0.15	0.24	0.21	0.09	0.13	0.22
Lentil	1.62	1.11	0.66	1.77	1.83	1.38	0.75	2.13	1.88	1.23	0.67	1.90
Lathyrus	0.10	0.09	0.01	0.10	0.34	0.17	0.12	0.29	0.28	0.08	0.20	0.28
Peas	2.04	0.66	1.35	2.01	2.24	0.66	1.53	2.19	2.56	1.04	1.52	2.56
Grain Amaranthus					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moth	0.24	0.04	0.22	0.26	0.25	0.09	0.20	0.29	0.25	0.06	0.23	0.29
Arhar	2.74	1.06	1.79	2.85	2.90	1.51	1.79	3.29	2.84	1.41	1.70	3.11
Rajma	0.12	0.08	0.00	0.08	0.05	0.01	0.02	0.02	0.09	0.05	0.02	0.06
Kehsari	0.23	0.08	0.14	0.23	0.00	0.00	0.00	0.00				
Indian bean	0.08	0.00	0.08	0.08	0.06	0.06	0.00	0.06	0.07	0.08	0.00	0.08
Rice bean	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Faba bean	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.01
Guar	0.79	0.22	0.66	0.88	0.75	0.16	0.67	0.83	0.78	0.02	0.85	0.87
Other Local Pulses					0.01	0.00	0.01	0.01				
Total	**36.15**	**23.44**	**16.01**	**39.45**	**36.44**	**23.33**	**16.57**	**39.91**	**39.09**	**22.08**	**19.84**	**41.92**
Castor	0.52	0.09	0.49	0.58	0.50	0.08	0.84	0.92	0.51	0.03	0.52	0.55
R/Mustard	2.88	1.64	1.44	3.08	2.46	1.42	1.24	2.67	2.77	1.68	1.57	3.25
Groundnut	26.35	14.27	12.43	26.70	26.40	15.91	12.37	28.28	27.71	9.64	19.17	28.82
Niger	0.03	0.01	0.03	0.03	0.04	0.03	0.00	0.04	0.03	0.01	0.02	0.03
Til	0.50	0.17	0.36	0.53	0.42	0.14	0.38	0.52	0.32	0.13	0.37	0.50
Linseed	0.13	0.13	0.03	0.16	0.13	0.15	0.04	0.18	0.13	0.11	0.04	0.14
Soybean	27.23	11.38	12.65	24.03	29.00	9.75	18.37	28.12	32.38	6.36	26.56	32.92
Sunflower	0.33	0.02	0.37	0.39	0.20	0.15	0.08	0.22	0.26	0.03	0.35	0.38
Safflower	0.05	0.02	0.03	0.05	0.03	0.02	0.02	0.04	0.03	0.03	0.02	0.04
Tesonite												
Total	**58.02**	**27.74**	**27.82**	**55.56**	**59.18**	**27.65**	**33.34**	**60.99**	**64.14**	**18.01**	**48.62**	**66.63**
Cotton	2.47	0.19	2.58	2.78	2.40	1.13	1.61	2.73	2.21	0.06	2.35	2.41
Jute/Mesta	0.34	0.16	0.17	0.33	0.56	0.44	0.14	0.58	0.30	0.03	0.27	0.29
Sunhemp									0.05	0.05	0.00	0.05
Total	**2.81**	**0.35**	**2.76**	**3.11**	**2.97**	**1.56**	**1.74**	**3.31**	**2.56**	**0.14**	**2.62**	**2.76**
Potato	100.20	11.13	88.15	99.28	107.91	1.55	106.36	107.91	98.01	7.11	90.78	97.89
Fodders	0.20	0.21	0.00	0.21	0.27	0.19	0.13	0.32	0.68	0.69	0.01	0.70
Grand Total	**443.16**	**171.88**	**311.79**	**483.66**	**465.36**	**165.84**	**332.99**	**498.83**	**464.14**	**133.84**	**380.41**	**514.26**

Source: Department of Agriculture & Farmers Welfare

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

(Lakh Quintals)

Crops	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
Cereals																						
Wheat	32.59	33.00	35.97	41.31	44.21	54.55	63.25	74.83	90.66	97.83	97.61	116.47	93.75	117.83	95.83	124.87	139.30	118.04	126.48	134.96	131.16	132.76
Paddy	25.58	25.79	26.51	30.98	32.41	43.51	48.93	58.18	60.95	69.34	74.41	72.14	72.45	66.84	74.61	84.57	82.72	72.40	84.63	91.69	87.62	93.64
Maize	2.75	3.42	3.38	4.13	4.64	5.74	5.80	7.94	7.74	8.94	9.35	9.07	11.20	11.72	17.71	12.90	11.01	11.16	12.72	13.71	10.87	13.37
Jowar	2.20	2.15	2.37	2.31	2.28	2.32	2.38	2.41	2.24	2.16	1.99	2.29	2.06	1.74	2.02	2.01	1.99	1.42	1.88	1.58	1.17	1.40
Bajra	1.80	1.79	1.76	1.76	2.17	2.16	1.90	2.20	1.74	2.31	2.27	2.14	2.20	1.94	3.58	2.20	1.82	1.91	2.06	2.05	1.68	2.13
Ragi and other millets	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	0.35	0.30	0.27	0.35	0.30	0.29	0.35	0.43	0.50
Barley	0.50	0.58	0.62	0.67	0.80	1.08	1.27	1.62	1.77	1.79	3.80	1.97	1.08	2.78	0.90	2.29	0.82	1.63	1.56	1.65	1.95	1.97
Sub-Total (Cereals)	**65.56**	**66.97**	**70.82**	**81.41**	**86.73**	**109.87**	**123.80**	**147.43**	**165.15**	**182.62**	**189.69**	**204.37**	**183.03**	**203.20**	**194.95**	**229.11**	**238.00**	**206.87**	**229.98**	**246.0029**	**234.89**	**245.77**
Pulses																						
Gram	1.53	2.64	3.90	3.62	3.45	5.08	6.73	8.6	12.32	12.50	13.16	14.83	17.48	14.73	13.58	17.17	11.95	19.50	22.46	20.87	22.27	22.62
Lentil	0.29	0.26	0.35	0.52	0.45	0.54	0.56	0.59	0.55	0.74	0.66	0.70	1.28	1.19	0.98	1.38	0.98	1.27	1.45	1.63	1.77	2.32
Peas	0.31	0.37	0.60	0.61	0.82	0.93	1.10	1.29	2.07	1.47	1.36	1.79	3.17	2.03	1.73	1.89	1.68	2.77	1.79	1.54	1.82	2.17
Urad	0.97	1.43	1.32	1.01	0.92	0.8	1.40	1.37	1.61	1.96	2.31	2.33	1.64	1.84	2.23	2.69	3.16	2.23	2.18	2.41	2.65	2.63
Moong	0.83	0.81	1.21	0.76	0.77	0.23	1.34	1.23	1.29	1.76	2.00	2.13	1.95	2.00	1.83	2.30	2.13	2.20	2.37	2.35	2.37	2.64
Arhar	0.64	0.64	0.64	0.72	0.77	0.85	1.18	1.09	1.37	1.52	1.92	1.80	1.73	1.69	1.88	2.50	2.39	2.42	2.58	2.63	2.36	2.62
Cowpea	0.05	0.33	0.05	0.08	0.11	0.09	0.10	0.16	0.20	0.33	0.32	0.45	0.24	0.25	0.18	0.20	0.17	0.16	0.19	0.22	0.27	0.19
Others	0.07	0.12	0.10	0.08	0.08	0.11	0.16	0.15	0.28	0.56	0.53	0.48	0.31	1.05	0.29	1.34	1.08	1.24	1.15	1.04	1.22	1.32
Sub-Total (Pulses)	**4.69**	**6.60**	**8.17**	**7.40**	**7.37**	**9.63**	**12.57**	**14.48**	**19.69**	**20.83**	**22.26**	**24.51**	**27.80**	**24.77**	**22.71**	**29.47**	**23.54**	**31.80**	**34.16**	**32.70**	**34.74**	**36.52**
Oilseeds																						
Groundnut	5.25	5.42	7.00	7.18	6.96	9.89	14.43	15.90	18.86	21.79	20.02	23.16	19.39	16.56	17.95	19.89	27.37	15.55	19.21	21.81	21.54	21.33
Rapeseed & Mustard	0.86	0.82	0.91	1.31	1.24	1.36	1.71	1.63	2.09	2.07	2.56	1.88	1.63	2.13	1.15	2.40	2.84	1.88	1.86	1.95	2.43	2.40
Til	0.16	0.13	0.14	0.12	0.14	0.16	0.22	0.18	0.18	0.20	0.23	0.20	0.18	0.22	0.21	0.27	0.20	0.19	0.34	0.36	0.36	0.49
Sunflower	0.48	0.61	0.56	0.80	0.90	0.89	0.92	0.80	0.76	0.55	0.29	0.35	0.32	0.28	0.22	0.19	0.29	0.10	0.11	0.13	0.11	0.13
Soybean	4.99	6.88	10.20	13.36	14.29	14.05	16.52	20.89	28.44	25.55	37.60	32.08	38.94	23.34	27.19	26.46	25.95	30.01	30.97	27.40	28.24	34.53
Linseed	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	0.04	0.04	0.05	0.04	0.05	0.06	0.10	0.09	0.09
Castorseed	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	0.55	0.58	0.62	0.51	0.42	0.50	0.49	0.49	0.52
Safflower	0.07	0.07	0.04	0.08	0.08	0.07	0.08	0.09	0.07	0.08	0.09	0.04	0.06	0.03	0.09	0.09	0.02	0.02	0.02	0.02	0.03	0.04
Others	0.01	0.04	0.14	0.15	0.23	0.20	0.01		0.01	0.01	0.01		0.01	0.04	0.01	0.01	0.00	0.04	0.01	0.01	0.00	0.00
Sub-Total (Oilseeds)	**12.10**	**13.36**	**19.39**	**23.42**	**24.35**	**27.00**	**34.33**	**39.92**	**50.71**	**50.61**	**61.49**	**58.41**	**61.09**	**43.03**	**47.44**	**49.97**	**57.23**	**48.26**	**53.09**	**52.25705**	**53.28**	**59.52**
Fibres																						
Cotton	2.62	2.31	2.45	2.56	2.69	2.45	1.89	2.27	2.36	2.33	2.53	2.50	2.28	2.22	1.98	1.85	2.15	2.13	2.87	2.35	1.86	2.86
Jute	0.21	0.19	0.20	0.19	0.19	0.26	0.24	0.28	0.27	0.27	0.32	0.30	0.30	0.33	0.32	0.32	0.31	0.30	0.29	0.29	0.27	0.30
Mesta/Others	0.06	0.24	0.13	0.01	0.01	0.34	0.50	0.03	0.02	0.04	0.24	0.15	0.29	1.31	0.19	0.00	0.00	0.03	0.05	0.40	0.07	0.01
Sub-Total (Fibres)	**2.89**	**2.74**	**2.78**	**2.76**	**2.89**	**3.05**	**2.63**	**2.58**	**2.65**	**2.64**	**3.09**	**2.95**	**2.87**	**3.86**	**2.49**	**2.17**	**2.46**	**2.46**	**3.21**	**3.04**	**2.20**	**3.17**
Other Miscellaneous																						
Potato	6.33	7.16	7.01	5.05	5.08	5.12	5.35	10.55	18.68	20.08	16.68	21.47	24.63	28.12	33.88	0.38	30.57	30.83	62.87	87.09	104.79	99.30
Others	0.23	0.21	0.23	0.22	0.33	0.34	0.37	0.85	0.23	0.55	1.64	1.73	1.97	0.14	2.57	0.33	0.20	0.19	0.40	0.29	0.40	0.82
Sub-Total (Other Miscs.)	**6.56**	**7.37**	**7.24**	**5.27**	**5.41**	**5.46**	**5.72**	**11.40**	**18.91**	**20.63**	**18.32**	**23.20**	**26.60**	**28.26**	**36.45**	**0.71**	**30.77**	**31.02**	**63.27**	**87.37**	**105.19**	**100.12**
Grand Total	**91.80**	**97.04**	**108.40**	**120.26**	**126.75**	**155.01**	**179.05**	**215.81**	**257.11**	**277.34**	**294.85**	**313.44**	**301.39**	**303.12**	**304.04**	**311.43**	**352.01**	**320.41**	**383.72**	**421.09**	**430.31**	**445.11**

Source : Department of Agriculture & Farmers Welfare

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

(Thousand Tonnes)

S.No.	Crop	2013-14		2014-15		2015-16		2016-17		2017-18		2018-19		2019-20		2020-21		2021-22		2022-23	
		Req.	Av.	Req.	Av.	Req.	Av.	Req.	Av.	Req.	Av.	Req.	Av.	Req.	Av.	Req.	Av.	Req.	Av.	Req.	Av.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)
1	Paddy	42.80	34.20	15.10	19.50	38.50	61.40	19.21	22.09	52.37	58.52	53.22	69.30	55.52	57.62	68.99	74.25	45.94	61.45	37.70	38.28
2	Maize	94.00	96.60	93.50	106.90	101.60	120.50	100.20	125.29	113.44	129.63	116.06	124.83	98.86	130.41	91.04	97.62	120.84	109.47	102.45	130.24
3	Jowar	7.90	10.20	15.60	19.00	17.70	20.00	13.25	19.57	16.53	18.22	10.62	14.31	13.54	18.91	14.06	17.11	13.37	14.46	13.06	21.29
4	Bajra	23.60	33.20	21.00	24.80	24.10	26.60	19.64	24.98	25.93	28.81	19.90	21.72	24.29	26.54	23.02	25.49	22.88	25.15	22.02	25.64
5	Arhar	0.00	0.00	0.09	0.09	0.10	0.00	0.00	0.00	0.36	0.46	0.04	0.04	0.40	0.41	0.07	0.07	0.07	0.08	0.87	0.87
6	Sunflower	4.90	5.40	2.90	3.00	4.40	4.60	6.10	6.26	0.77	0.85	2.68	4.14	1.53	1.74	3.12	3.67	1.94	2.15	1.55	2.49
7	Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.04	0.00	0.00
8	Castor	3.40	4.30	7.10	8.40	6.00	6.10	4.91	5.78	5.23	5.49	4.96	5.46	2.31	3.07	2.79	2.81	0.75	4.59	3.48	3.67
9	Cotton	15.90	17.90	17.90	21.70	18.70	19.80	18.36	19.73	19.87	22.27	17.99	19.36	17.94	20.76	20.23	23.10	20.30	23.44	19.67	21.62
	TOTAL	**192.50**	**201.80**	**173.19**	**203.39**	**211.10**	**259.00**	**181.68**	**223.69**	**234.54**	**264.28**	**225.47**	**259.16**	**212.39**	**259.46**	**223.30**	**244.13**	**226.12**	**240.80**	**200.80**	**244.11**

Source : Department of Agriculture & Farmers Welfare

Req.: Requirement Av: Availability

3.18(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)
1983-84	18234	102344	17.82
1984-85	20960	114068	18.38
1985-86	23422	122999	19.04
1986-87	29444	135952	21.66
1987-88	35267	145613	24.22
1988-89	38878	160196	24.27
1989-90	44056	175419	25.11
1990-91	50321	190357	26.44
1991-92	58557	207645	28.20
1992-93	63328	220674	28.70
1993-94	70699	238569	29.63
1994-95	79301	259630	30.54
1995-96	85732	277029	30.95
1996-97	84019	280206	29.98
1997-98	91242	296749	30.75
1998-99	97195	309734	31.38
1999-00	90934	312841	29.07
2000-01	84729	316600	26.76
2001-02	81673	322459	25.33
2002-03	84486	339598	24.88
2003-04	87089	360937	24.13
2004-05	88555	386134	22.93
2005-06	90292	411887	21.92
2006-07	99023	455748	21.73
2007-08	104182	501977	20.75
2008-09	107776	527564	20.43
2009-10	119492	569618	20.98
2010-11	126377	616969	20.48
2011-12	140960	672933	20.95
2012-13	147462	708843	20.80
2013-14	152744	751908	20.31
2014-15	168913	814250	20.74
2015-16	173185	863364	20.06
2016-17	191151	914093	20.91
2017-18	199247	973131	20.47
2018-19	213409	1037518	20.57
2019-20	211295	1052346	20.08
2020-21	221303	1041656	21.25
2021-22 (P)	228451	1136125	20.11

Source : Central Electricity Authority, New Delhi
P-Provisional

3.18(b) : State-wise Consumption of Electricity for Agricultural Purposes

State/UTs	2020-21			2021-22 (P)		
	Agriculture (GWh)	Total Energy Sold (GWh)	% Share of Consumption of Agriculture	Agriculture (GWh)	Total Energy Sold (GWh)	% Share of Consumption of Agriculture
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Northern Region						
Chandigarh	1.37	1349.09	0.10	1.43	1409.33	0.10
Delhi	39.44	26319.22	0.15	33.10	27624.83	0.12
Haryana	10087.50	41943.83	24.05	9123.54	46035.71	19.82
Himachal Pradesh	72.64	8635.31	0.84	85.10	10198.09	0.83
Jammu & Kashmir	361.57	9984.32	3.62	375.42	10185.37	3.69
Punjab	13092.85	50285.69	26.04	12572.46	53353.27	23.56
Rajasthan	28525.48	64888.34	43.96	28816.56	69603.64	41.40
Uttar Pradesh	18931.27	93600.08	20.23	18956.52	97321.54	19.48
Uttarakhand	189.99	11225.05	1.69	430.00	12518.80	3.43
Sub-Total (NR)	**71302.10**	**308230.92**	**23.13**	**70394.12**	**328250.57**	**21.45**
Western Division						
Chhattisgarh	5902.81	23361.34	25.27	5933.05	25161.29	23.58
Gujarat	12663.82	92275.88	13.72	13791.38	106151.65	12.99
Madhya Pradesh	25645.52	60954.12	42.07	26521.52	65812.24	40.30
Maharashtra	33912.33	126423.05	26.82	36253.20	141170.12	25.68
Daman & Diu	3.40	2136.68	0.16	3.37	2482.36	0.14
D & N Haveli	4.85	5286.39	0.09	5.25	6379.94	0.08
Goa	31.25	3700.21	0.84	31.13	4113.58	0.76
Sub-Total (WR)	**78163.98**	**314137.68**	**24.88**	**82538.90**	**351271.17**	**23.50**
Southern Region						
Andhra Pradesh	9368.73	51756.03	18.10	14114.03	62592.64	22.55
Telangana	22260.11	57896.31	38.45	22159.18	62153.84	35.65
Karnataka	22337.19	62783.14	35.58	21935.73	60959.62	35.98
Kerala	412.02	22598.78	1.82	384.69	23931.48	1.61
Tamil Nadu	13974.68	94592.04	14.77	13436.25	101957.96	13.18
Puducherry	68.57	2603.14	2.63	61.71	2773.64	2.22
Lakshadweep	0.00	53.10	0.00	0.00	50.25	0.00
Sub-Total (SR)	**68421.30**	**292282.54**	**23.41**	**72091.59**	**314419.41**	**22.93**
Eastern Region						
Bihar	1149.30	24108.37	4.77	1140.86	26000.33	4.39
Jharkhand (estimated) $	203.60	21375.17	0.95	178.05	22773.15	0.78
Odisha	644.66	20609.57	3.13	781.42	21561.37	3.62
West Bengal $	1332.23	48393.90	2.75	1224.59	58097.75	2.11
Sikkim	0.00	414.77	0.00	0.00	440.60	0.00
A & N Islands	1.11	245.13	0.45	1.18	267.30	0.44
Sub-Total (ER)	**3330.90**	**115146.91**	**2.89**	**3326.10**	**129140.50**	**2.58**
North Eastern Region						
Arunachal Pradesh	0.77	405.11	0.19	0.06	518.25	0.01
Assam	39.00	7356.29	0.53	54.23	8520.06	0.64
Manipur	7.08	651.30	1.09	7.19	731.70	0.98
Meghalaya	0.14	1326.45	0.01	0.13	906.67	0.01
Mizoram	0.16	453.54	0.04	0.00	660.92	0.00
Nagaland	0.00	682.57	0.00	0.00	654.23	0.00
Tripura	38.00	982.33	3.87	39.15	1051.06	3.72
Sub-Total (NER)	**85.15**	**11857.59**	**0.72**	**100.76**	**13042.89**	**0.77**
Total(All India)	**221303.44**	**1041655.63**	**21.25**	**228451.47**	**1136124.53**	**20.11**

Source : Central Electricity Authority, New Delhi

GWh: Giga Watt-hour

$ -Includes Damodar Valley Corporation(DVC) sales to ultimate consumers in Jharkhand & West Bengal area

P-Provisional

3.19 (a): Flow of Institutional Credit to Agriculture Sector

(₹ in Crore)

Particulars/Agency	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
I. Production (ST) Credit												
Co-operative Banks	102592	113574	130350	143803	131880	136102	142750	148287	179267	229093	219478	209015
RRBs	55957	70697	89326	101579	105001	119790	125654	138069	156369	166782	200278	240512
Commercial Banks	314951	364164	415736	419930	452576	497322	483805	538795	558121	703804	899057	1029876
Sub Total (A)	**473500**	**548435**	**635412**	**665312**	**689457**	**753214**	**752209**	**825151**	**893757**	**1099679**	**1318814**	**1479403**
II. MT/LT Credit												
Co-operative Banks	8611	6389	8119	9492	10878	14219	9591	9080	11415	14127	16871	16468
RRBs	7724	11956	13157	17681	18215	21426	24013	27257	33643	37398	42008	56559
Commercial Banks	117540	163342	188640	223024	347205	373758	471017	531241	636583	712160	777471	931737
Sub Total (B)	**133875**	**181687**	**209916**	**250197**	**376298**	**409403**	**504620**	**567579**	**681641**	**763685**	**836350**	**1004764**
Total Credit (ST + MT/LT)												
Co-operative Banks	111203	119963	138469	153295	142758	150321	152340	157367	190682	243220	236349	225483
RRBs	63681	82653	102483	119260	123216	141216	149667	165326	190012	204180	242286	297071
Commercial Banks	432491	527506	604376	642954	799781	871080	954823	1070036	1194704	1415964	1676529	1961613
Grand Total (A+B)	**607375**	**730122**	**845328**	**915509**	**1065755**	**1162617**	**1256830**	**1392729**	**1575398**	**1863363**	**2155163**	**2484167**

Source : ENSURE Portal of NABARD

ST: Short Term MT: Medium Term LT: Long Term

3.19 (b): State-wise Agricultural Credit

*As on 23.04.2024
(Amount in Rs Crores)
(No. of accounts in lakhs)

S. No	State	Crop Loan		Term Loan		Total	
		No. of A/cs	Amount Disbursed	No. of A/cs	Amount Disbursed	No. of A/cs	Amount Disbursed
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Delhi	0	3216	2	18245	3	21461
2	Haryana	36	60499	6	27105	42	87604
3	Himachal Pradesh	7	9018	1	1925	8	10943
4	Jammu And Kashmir	14	7687	0	2141	15	9828
5	Punjab	35	65051	6	25484	42	90535
6	Rajasthan	88	115265	17	36947	105	152212
7	Chandigarh Ut	0	774	0	1069	0	1843
8	Ladakh	1	271	0	24	1	296
	Northern Region Total	**182**	**261781**	**33**	**112941**	**214**	**374723**
9	Arunachal Pradesh	0	767	0	108	0	874
10	Assam	5	4393	4	6748	8	11141
11	Manipur	0	218	0	409	0	628
12	Meghalaya	0	345	0	118	1	463
13	Mizoram	0	114	0	310	0	424
14	Nagaland	0	231	0	174	1	405
15	Sikkim	0	255	0	136	0	392
16	Tripura	1	421	1	1738	2	2159
	North Eastern Region Total	**7**	**6744**	**5**	**9741**	**12**	**16485**
17	A And N Island	0	196	0	239	0	435
18	Bihar	24	26200	50	40386	73	66587
19	Jharkhand	8	7120	11	14386	19	21507
20	Odisha	36	28165	24	22310	60	50475
21	West Bengal	37	30134	27	41886	64	72020
	Eastern Region Total	**104**	**91815**	**112**	**119208**	**217**	**211023**
22	Chhattisgarh	24	23420	4	9594	28	33014
23	Madhya Pradesh	68	75610	20	37295	88	112905
24	Uttarakhand	5	7372	2	4767	7	12139
25	Uttar Pradesh	98	123853	31	42773	130	166626
	Central Region Total	**195**	**230255**	**57**	**94429**	**253**	**324684**
26	Goa	0	591	1	1748	1	2340
27	Gujarat	34	87861	12	52119	46	139980
28	Maharashtra	64	85252	38	78799	102	164051
29	D And N Haveli UT	0	131	0	106	0	237
30	Daman And Diu UT	0	62	0	85	0	148
	Western Region Total	**98**	**173898**	**51**	**132857**	**149**	**306755**
31	Andhra Pradesh	99	178167	62	118627	161	296795
32	Telangana	53	100462	21	53035	74	153497
33	Karnataka	69	99488	86	102295	155	201783
34	Kerala	61	91415	37	60874	98	152289
35	Puducherry	2	2874	3	4001	5	6875
36	Tamilnadu	171	242484	120	196711	291	439195
37	Lakshadweep UT	0	19	0	43	0	62
	Southern Region Total	455	714909	328	535587	783	1250496
	Grand Total	**1041**	**1479403**	**587**	**1004764**	**1628**	**2484167**

Source: ENSURE Portal of NABARD

3.20: State-wise-Number of Operative KCCs

No. in Actuals

S. No.	State/U.T	Operative KCC as on 31.03.2024
(1)	(2)	(3)
1	Andaman & Nicobar	8324
2	Andhra Pradesh	4853487
3	Arunachal Pradesh	18388
4	Assam	670832
5	Bihar	2880585
6	Chandigarh	1582
7	Chattisgarh	2145836
8	Dadra & Nagar Haveli & Daman & Diu	1543
9	Delhi	2761
10	Goa	11649
11	Gujarat	3137242
12	Haryana	2361829
13	Himachal Pradesh	502861
14	Jammu & Kashmir	1066887
15	Jharkhand	995531
16	Karnataka	5498818
17	Kerala	2658063
18	Ladakh	28228
19	Lakshadweep	2555
20	Madhya Pradesh	6500382
21	Maharashtra	7217854
22	Manipur	19699
23	Meghalaya	77422
24	Mizoram	51561
25	Nagaland	32072
26	Orissa	4465567
27	Puducherry	20366
28	Punjab	2234658
29	Rajasthan	6845762
30	Sikkim	10115
31	Tamil Nadu	4031906
32	Telangana	4508942
33	Tripura	164916
34	Uttarakhand	554157
35	Uttar Pradesh	10917055
36	West Bengal	3004799
	Total	**77504234**

Source: RBI for PSBs and NABARD for RRB and Cooperatives

3.21(a): State-wise National Agricultural Insurance Scheme (NAIS)-Cumulative upto Rabi 2015-16

(₹ in lakh)

S.No.	State / UTs	No. of Farmers covered	Area Insured (In Ha)	Sum Insured	Farmers' Premium	State Govt. Premium (Share)	GoI Premium (Share)	Gross Premium	Claims Reported	Claims Paid	No. of Farmers Benefitted
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Andhra Pradesh	3,06,72,015	4,64,67,871	65,76,696	1,72,126	8,311	8,311	1,88,749	5,07,808	5,06,419	70,30,691
2	A & N Islands	4,773	7,148	2,300	3	45	15	64	116	116	1,102
3	Assam	4,22,654	3,09,427	90,822	2,269	131	131	2,531	1,693	1,693	66,123
4	Bihar	1,07,07,824	1,17,10,269	28,29,879	57,771	2,567	2,567	62,905	4,06,524	3,86,815	45,59,247
5	Chhattisgarh	1,18,02,512	2,35,39,517	15,04,999	35,315	1,956	906	38,176	1,10,739	1,10,739	23,89,516
6	Goa	8,211	13,440	318	4	1	1	6	2	2	702
7	Gujarat	1,54,96,182	3,51,94,683	49,31,871	1,79,896	15,697	7,080	2,02,673	8,80,390	8,80,390	55,00,924
8	Haryana	6,35,778	7,69,038	83,496	2,346	34	34	2,414	4,336	4,336	1,29,424
9	Himachal Pradesh	3,72,427	2,92,222	78,533	900	669	88	1,657	2,252	2,252	1,14,714
10	Jammu & Kashmir	49,065	68,995	10,902	198	8	8	214	126	126	4,492
11	Jharkhand	69,31,179	42,47,333	4,59,685	10,461	354	354	11,168	75,039	73,889	25,82,643
12	Karnataka	1,43,59,973	2,25,89,874	20,13,980	54,239	1,861	1,812	57,913	2,88,766	2,88,766	61,00,272
13	Kerala	4,61,282	4,14,761	87,166	1,630	126	126	1,882	3,063	3,063	85,472
14	Madhya Pradesh	4,38,00,967	10,32,00,640	1,00,11,469	2,60,721	3,598	3,598	2,67,918	10,27,918	10,27,918	99,88,946
15	Maharashtra	5,17,71,827	4,08,70,934	39,72,297	1,27,454	33,428	8,590	1,69,473	9,84,056	9,84,056	2,48,12,509
16	Manipur	35,645	57,472	14,812	348	10	10	369	1,226	1,226	29,932
17	Meghalaya	36,357	36,343	7,473	277	21	21	320	68	68	3,600
18	Mizoram	121	134	23	1	0	0	1	11	11	119
19	Odisha	1,99,75,543	1,94,60,413	36,23,795	81,722	4,495	4,495	90,712	3,87,732	3,87,732	44,08,909
20	Puducherry	43,258	59,993	11,670	137	73	18	228	317	314	7,269
21	Rajasthan	1,50,58,674	3,13,79,980	16,20,309	45,017	369	369	45,754	2,62,166	2,62,166	52,00,566
22	Sikkim	2,062	1,445	352	7	0	0	8	1	1	86
23	Tamil Nadu	83,08,820	1,05,60,218	25,84,558	33,921	31,077	2,291	67,289	3,50,701	3,50,634	32,60,202
24	Telangana	13,35,400	15,80,373	6,79,160	17,821	794	794	19,409	34,477	34,336	5,39,401
25	Tripura	21,347	14,086	3,302	81	5	5	90	59	58	3,450
26	Uttar Pradesh	2,34,26,012	3,10,70,386	33,53,782	63,263	2,610	2,610	68,482	1,16,938	1,16,938	45,17,617
27	Uttarakhand	3,99,156	3,72,509	87,098	1,799	89	89	1,978	4,188	4,188	1,19,370
28	West Bengal	1,51,15,455	74,28,042	21,09,729	50,201	53,335	5,776	1,09,312	1,72,568	1,72,514	35,94,384
	Total	**27,12,54,519**	**39,17,17,547**	**4,67,50,476**	**11,99,928**	**1,61,664**	**50,100**	**14,11,692**	**56,23,282**	**56,00,767**	**8,50,51,682**

Source: Department of Agriculture & Farmers Welfare

3.21 (b): Season-wise National Agricultural Insurance Scheme (NAIS)-Cumulative upto Rabi 2015-16

(₹ in lakh)

S.No.	State / UTs	No. of Farmers covered	Area Insured (In Ha)	Sum Insured	Farmers' Premium	State Govt. Premium (Share)	GoI Premium (Share)	Gross Premium	Claims Reported	Claims Paid	No. of Farmers Benefitted
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Rabi 1999-00	5,79,940	7,80,569	35,641	377	83	83	542	769	769	55,288
2	Kharif 2000	84,09,374	1,32,19,829	6,90,338	15,934	2,370	2,370	20,674	1,22,248	1,22,248	36,35,252
3	Rabi 2000-01	20,91,733	31,11,423	1,60,268	1,955	412	412	2,779	5,949	5,949	5,26,697
	Total 2000-01	**1,10,81,047**	**1,71,11,821**	**8,86,248**	18,266	**2,865**	**2,865**	**23,995**	**1,28,966**	**1,28,966**	**42,17,237**
4	Kharif 2001	86,96,587	1,28,87,710	7,50,246	21,400	2,381	2,381	26,162	49,364	49,364	17,41,906
5	Rabi 2001-02	19,55,431	31,45,873	1,49,751	2,237	389	389	3,015	6,466	6,466	4,53,325
	Total 2001-02	**1,06,52,018**	**1,60,33,583**	**8,99,997**	23,637	**2,770**	**2,770**	**29,177**	**55,829**	**55,829**	**21,95,231**
6	Kharif 2002	97,68,711	1,55,32,349	9,43,169	28,060	2,243	2,243	32,547	1,82,439	1,82,439	42,97,155
7	Rabi 2002-03	23,26,811	40,37,824	1,83,755	3,178	336	336	3,850	18,855	18,855	9,26,408
	Total 2002-03	**1,20,95,522**	**1,95,70,173**	**11,26,924**	31,238	**2,580**	**2,580**	**36,397**	**2,01,294**	**2,01,294**	**52,23,563**
8	Kharif 2003	79,70,830	1,23,55,514	8,11,413	25,889	1,222	1,222	28,333	65,269	65,269	17,12,271
9	Rabi 2003-04	44,21,287	64,68,663	3,04,949	5,782	312	312	6,406	49,710	49,710	20,98,125
	Total 2003-04	**1,23,92,117**	**1,88,24,177**	**11,16,362**	31,670	**1,534**	**1,534**	**34,739**	**1,14,979**	**1,14,979**	**38,10,396**
10	Kharif 2004	1,26,87,203	2,42,73,394	13,17,062	43,885	1,005	1,005	45,894	1,03,833	1,03,833	26,74,746
11	Rabi 2004-05	35,31,045	53,43,244	3,77,421	7,173	206	206	7,585	16,059	16,059	7,72,779
	Total 2004-05	**1,62,18,248**	**2,96,16,638**	**16,94,482**	51,058	**1,211**	**1,211**	**53,480**	**1,19,892**	**1,19,892**	**34,47,525**
12	Kharif 2005	1,26,73,833	2,05,31,038	13,51,910	42,951	1,022	1,022	44,995	1,08,645	1,08,645	26,87,605
13	Rabi 2005-06	40,48,524	72,18,417	5,07,166	9,959	262	262	10,482	33,830	33,830	9,80,748
	Total 2005-06	**1,67,22,357**	**2,77,49,455**	**18,59,076**	52,911	**1,283**	**1,283**	**55,477**	**1,42,475**	**1,42,475**	**36,68,353**
14	Kharif 2006	1,29,34,060	1,96,72,280	14,75,936	44,074	1,593	1,062	46,729	1,77,622	1,77,622	31,31,511
15	Rabi 2006-07	49,77,980	76,32,882	6,54,221	13,150	769	368	14,288	51,597	51,597	13,91,554
	Total 2006-07	**1,79,12,040**	**2,73,05,162**	**21,30,158**	57,224	**2,362**	**1,431**	**61,017**	**2,29,219**	**2,29,219**	**45,23,065**
16	Kharif 2007	1,33,98,822	2,07,54,747	17,00,796	49,766	1,429	1,237	52,432	91,536	91,536	15,91,863
17	Rabi 2007-08	50,44,016	73,87,156	7,46,664	14,071	1,345	454	15,871	81,018	81,018	15,78,668
	Total 2007-08	**1,84,42,838**	**2,81,41,903**	**24,47,461**	63,838	**2,775**	**1,691**	**68,303**	**1,72,554**	**1,72,554**	**31,70,531**
18	Kharif 2008	1,29,92,272	1,76,36,187	15,66,607	47,822	2,193	1,179	51,194	2,37,780	2,37,780	42,18,975
19	Rabi 2008-09	62,10,648	88,57,836	11,14,871	22,332	6,296	944	29,572	1,50,982	1,50,982	19,79,705
	Total 2008-09	**1,92,02,920**	**2,64,94,023**	**26,81,478**	70,154	**8,489**	**2,123**	**80,766**	**3,88,762**	**3,88,762**	**61,98,680**
20	Kharif 2009	1,82,53,072	2,57,69,817	27,61,671	80,572	3,589	2,123	86,285	4,53,771	4,53,771	79,70,974
21	Rabi 2009-10	56,81,148	78,99,761	11,00,750	21,675	6,525	971	29,170	58,040	58,040	10,40,659
	Total 2009-10	**2,39,34,220**	**3,36,69,578**	**38,62,421**	1,02,247	**10,114**	**3,095**	**1,15,455**	**5,11,811**	**5,11,811**	**90,11,633**
22	Kharif 2010	1,26,82,242	1,71,08,888	23,71,090	67,637	2,612	1,929	72,179	1,64,178	1,64,178	22,53,293
23	Rabi 2010-11	49,67,878	69,38,628	11,01,056	20,399	8,405	1,013	29,817	65,794	65,794	11,38,466
	Total 2010-11	**1,76,50,120**	**2,40,47,517**	**34,72,145**	88,036	**11,018**	**2,942**	**1,01,995**	**2,29,971**	**2,29,971**	**33,91,759**
24	Kharif 2011	1,15,54,561	1,57,76,489	23,48,711	66,204	3,347	1,884	71,435	1,66,562	1,66,562	18,44,744
25	Rabi 2011-12	52,39,299	76,09,278	11,28,394	19,448	5,670	650	25,768	54,337	54,255	12,87,237
	Total 2011-12	**1,67,93,860**	**2,33,85,766**	**34,77,104**	85,651	**9,017**	**2,534**	**97,203**	**2,20,899**	**2,20,817**	**31,31,981**
26	Kharif 2012	1,06,49,354	1,56,93,701	27,19,906	76,983	8,824	2,067	87,874	2,78,854	2,78,836	19,12,523
27	Rabi 2012-13	61,41,726	86,91,157	15,71,009	27,182	16,622	957	44,761	2,10,834	2,09,850	25,55,305
	Total 2012-13	**1,67,91,080**	**2,43,84,857**	**42,90,915**	1,04,165	**25,446**	**3,024**	**1,32,635**	**4,89,688**	**4,88,686**	**44,67,828**
28	Kharif 2013	97,46,431	1,42,31,634	29,00,469	82,132	13,390	2,249	97,772	3,27,155	3,27,054	28,12,433
29	Rabi 2013-14	39,73,611	64,76,265	12,54,945	20,389	8,647	712	29,748	1,05,207	1,05,205	9,96,191
	Total 2013-14	**1,37,20,042**	**2,07,07,899**	**41,55,415**	1,02,521	**22,037**	**2,961**	**1,27,519**	**4,32,362**	**4,32,260**	**38,08,624**
30	Kharif 2014	97,28,678	1,15,89,544	24,50,085	78,728	4,038	1,987	84,754	2,95,282	2,95,158	43,70,982
31	Rabi 2014-15	70,09,527	91,80,141	21,37,997	36,703	16,447	1,906	55,056	1,33,519	1,33,025	20,40,638
	Total 2014-15	**1,67,38,205**	**2,07,69,685**	**45,88,082**	1,15,431	**20,485**	**3,894**	**1,39,810**	**4,28,802**	**4,28,183**	**64,11,620**
32	Kharif 2015	2,06,97,680	2,20,28,058	52,61,509	1,52,398	17,739	11,735	1,81,873	15,24,452	15,23,243	1,40,47,183
33	Rabi 2015-16	1,02,10,205	1,18,77,252	28,00,700	49,483	19,940	2,428	71,851	2,31,327	2,11,827	43,26,473
	Total 2015-16	**3,09,07,885**	**3,39,05,309**	**80,62,209**	2,01,881	**37,679**	**14,164**	**2,53,724**	**17,55,779**	**17,35,070**	**1,83,73,656**
Kharif Seasons Total		**19,28,43,710**	**27,90,61,177**	**3,14,20,918**	9,24,436	**68,998**	**37,696**	**10,31,131**	**43,48,989**	**43,47,538**	**6,09,03,416**
Rabi Seasons Total		**7,84,10,809**	**11,26,56,369**	**1,53,29,558**	2,75,492	**92,666**	**12,404**	**3,80,561**	**12,74,293**	**12,53,229**	**2,41,48,266**
Grand Total		**27,12,54,519**	**39,17,17,547**	**4,67,50,476**	**11,99,928**	**1,61,664**	**50,100**	**14,11,692**	**56,23,282**	**56,00,767**	**8,50,51,682**

Source: Department of Agriculture & Farmers Welfare

3.22(a): State-wise Weather Based Crop Insurance Scheme (WBCIS)-Cumulative upto Rabi 2015-16

(₹ in lakh)

S. No.	State / UT	Farmers Insured (no.)	Area Insured (ha.)	Sum Insured	Farmers' Premium	GOI Premium (share)	State Govt Premium (share)	Gross Premium	Claims Payable	Claims Paid	Farmers Benefitted (no.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Andhra Pradesh	36,17,986	59,03,513	15,12,791	61,900	44,573	44,573	1,51,046	1,08,007	1,07,706	23,87,860
2	Assam	67,633	38,964	23,621	1,196	597	597	2,390	1,894	734	46,988
3	Bihar	1,27,98,379	1,30,24,060	30,23,144	86,592	88,790	88,790	2,64,172	1,98,726	1,48,453	1,06,34,599
4	Chhattisgarh	12,81,280	22,35,656	4,42,191	18,886	12,058	11,113	42,057	31,873	31,873	8,42,974
5	Gujarat	4,97,661	4,13,126	22,395	252	1,148	840	2,239	857	857	1,70,576
6	Haryana	3,58,578	5,99,155	1,89,424	3,683	7,447	5,575	16,705	6,504	6,467	2,49,853
7	Himachal Pradesh	3,90,329	1,11,872	1,41,568	7,785	3,753	3,753	15,292	12,263	10,621	2,75,904
8	Jammu & Kashmir	1,364	809	461	23	12	12	46	54	24	1,364
9	Jharkhand	5,84,956	5,61,469	1,20,813	4,162	3,247	3,247	10,657	7,751	7,625	5,26,610
10	Karnataka	9,79,059	12,13,009	2,33,625	11,498	7,505	7,505	26,508	18,721	18,637	7,92,321
11	Kerala	1,62,894	1,19,925	36,982	1,256	1,347	1,014	3,617	3,319	3,276	1,28,575
12	Madhya Pradesh	13,65,445	18,89,229	5,02,304	17,924	15,796	15,796	49,517	31,783	31,777	11,52,948
13	Maharashtra	29,08,194	29,32,529	7,83,270	37,826	31,185	26,241	95,252	1,11,351	1,11,111	25,46,866
14	Odisha	3,15,755	4,56,542	65,781	1,414	2,121	2,121	5,656	3,210	3,210	2,15,814
15	Punjab	17	95	19	0	1	1	2	-	-	-
16	Rajasthan	4,45,60,525	5,72,38,865	47,09,758	1,66,322	1,51,402	1,51,402	4,69,125	4,14,632	4,04,876	2,93,19,448
17	Tamil Nadu	1,30,363	1,69,781	84,349	916	1,040	1,040	2,996	2,496	2,329	72,798
18	Telangana	1,66,656	1,74,238	53,089	2,630	1,315	1,315	5,260	12,470	12,261	1,57,734
19	Uttar Pradesh	15,43,617	13,18,114	2,65,304	12,054	16,714	16,714	45,483	54,406	54,247	13,94,020
20	Uttarakhand	1,77,887	1,54,517	63,102	3,245	1,478	1,478	6,201	9,199	9,193	1,16,083
21	West Bengal	1,13,560	1,07,462	20,112	621	651	651	1,923	1,619	1,269	71,012
	TOTAL	**7,20,22,138**	**8,86,62,931**	**1,22,94,103**	**4,40,184**	**3,92,182**	**3,83,779**	**12,16,145**	**10,31,135**	**9,66,547**	**5,11,04,347**

Source: Department of Agriculture & Farmers Welfare

3.22(b): Season-wise Weather Based Crop Insurance Scheme (WBCIS)-Cumulative (upto Rabi 2015-16)

(₹ in lakh)

Sl. No.	Season	Farmers Insured	Area Insured (Ha)	Sum Insured	Farmers' Premium	GOI Premium (share)	State Govt Premium (share)	Gross Premium	Claims Payable	Claims Paid	Farmers benefitted (No.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Kharif 2007	43,790	50,074	5,301	142	281	281	703	524	524	35,275
2	Rabi 2007-08	6,27,167	9,84,552	1,70,495	4,300	4,773	4,773	13,845	9,892	9,892	1,85,673
	Total 2007-08	**6,70,957**	**10,34,626**	**1,75,796**	4,442	**5,053**	**5,053**	**14,548**	**10,416**	**10,416**	**2,20,948**
3	Kharif 2008	1,65,109	1,78,654	31,313	831	1,181	1,156	3,168	1,440	1,440	1,04,483
4	Rabi 2008-09	1,67,983	1,88,290	42,244	868	1,346	1,346	3,560	2,611	2,611	1,12,028
	Total 2008-09	**3,33,092**	**3,66,943**	**73,557**	1,700	**2,527**	**2,501**	**6,728**	**4,051**	**4,051**	**2,16,511**
5	Kharif 2009	11,34,219	14,25,674	2,51,892	5,641	7,392	6,870	19,903	15,315	15,315	8,89,296
6	Rabi 2009-10	8,73,352	12,27,015	1,97,636	3,998	6,039	6,039	16,076	13,790	13,723	4,60,657
	Total 2009-10	**20,07,571**	**26,52,689**	**4,49,528**	9,639	**13,431**	**12,909**	**35,979**	**29,105**	**29,038**	**13,49,953**
7	Kharif 2010	49,16,784	73,93,242	5,67,690	16,824	23,029	19,698	59,550	19,194	19,186	17,90,436
8	Rabi 2010-11	43,83,504	57,45,537	8,63,379	17,620	25,883	25,883	69,386	44,264	44,240	25,26,629
	Total 2010-11	**93,00,288**	**1,31,38,779**	**14,31,069**	34,443	**48,912**	**45,582**	**1,28,937**	**63,458**	**63,425**	**43,17,065**
9	Kharif 2011	69,06,021	97,86,317	10,35,162	33,167	34,903	34,903	1,02,973	42,588	42,508	35,97,821
10	Rabi 2011-12	47,65,377	58,47,307	9,85,782	20,835	30,951	29,672	81,458	75,114	66,636	27,32,017
	Total 2011-12	**1,16,71,398**	**1,56,33,625**	**20,20,943**	54,003	**65,854**	**64,574**	**1,84,431**	**1,17,701**	**1,09,143**	**63,29,838**
11	Kharif 2012	80,08,149	1,11,24,700	12,87,053	40,798	44,338	44,338	1,29,474	87,681	86,928	67,52,196
12	Rabi 2012-13	55,91,502	59,87,496	10,65,546	25,411	33,446	33,446	92,303	1,04,382	70,627	40,52,901
	Total 2012-13	**1,35,99,651**	**1,71,12,196**	**23,52,600**	66,210	**77,784**	**77,784**	**2,21,778**	**1,92,063**	**1,57,554**	**1,08,05,097**
13	Kharif 2013	88,54,152	1,11,72,440	14,62,397	45,914	50,559	50,559	1,47,033	1,19,864	1,19,828	68,70,870
14	Rabi 2013-14	53,02,444	53,40,633	10,90,192	51,252	22,002	19,091	92,345	81,832	75,229	38,50,694
	Total 2013-14	**1,41,56,596**	**1,65,13,072**	**25,52,589**	97,165	**72,562**	**69,650**	**2,39,377**	**2,01,695**	**1,95,057**	**1,07,21,564**
15	Kharif 2014	81,72,254	96,37,380	13,25,690	69,577	43,555	43,460	1,56,592	1,23,796	1,21,502	67,25,448
16	Rabi 2014-15	30,79,590	31,38,084	4,38,617	24,305	15,702	15,637	55,644	80,499	80,093	28,98,919
	Total 2014-15	**1,12,51,844**	**1,27,75,464**	**17,64,307**	93,882	**59,258**	**59,096**	**2,12,236**	**2,04,295**	**2,01,595**	**96,24,367**
17	Kharif 2015	53,99,548	62,94,555	8,52,198	44,870	26,934	26,852	98,657	1,32,040	1,31,411	48,39,539
18	Rabi 2015-16	36,31,193	31,40,983	6,21,516	33,830	19,868	19,777	73,475	76,310	64,855	26,79,465
	Total 2015-16	**90,30,741**	**94,35,537**	**14,73,714**	78,700	**46,802**	**46,629**	**1,72,131**	**2,08,350**	**1,96,267**	**75,19,004**
Kharif Seasons Total		**4,36,00,026**	**5,70,63,035**	**68,18,695**	2,57,764	**2,32,172**	**2,28,116**	**7,18,053**	**5,42,440**	**5,38,641**	**3,16,05,364**
Rabi Seasons Total		**2,84,22,112**	**3,15,99,897**	**54,75,408**	1,82,420	**1,60,010**	**1,55,663**	**4,98,093**	**4,88,694**	**4,27,906**	**1,94,98,983**
Grand Total		**7,20,22,138**	**8,86,62,931**	**1,22,94,103**	**4,40,184**	**3,92,182**	**3,83,779**	**12,16,145**	**10,31,135**	**9,66,547**	**5,11,04,347**

Source: Department of Agriculture & Farmers Welfare

3.23 (a): State-wise Modified National Agricultural Insurance Scheme (MNAIS)-Cumulative upto Rabi 2015-16

(₹ in lakh)

Sl. No.	States / Uts.	Farmers Insured (no.)	Area Insured (ha.)	Sum Insured	Farmer Premium	GOI Share in Premium	State Govt."s Premium	Premium Collected	Claims Payable	Claims Paid	Farmers Benefitted (no.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Andhra Pradesh	18,00,231	18,81,257	8,13,756	34,202	21,502	21,502	77,206	86,216	86,176	6,38,753
2	A & N Islands	783	1,230	460	-	13	3	16	6	6	184
3	Assam	19,929	15,685	6,505	154	47	47	249	102	70	1,837
4	Bihar	13,82,947	15,70,615	2,62,832	15,447	18,889	18,889	53,226	21,408	17,704	3,22,279
5	Chhattisgarh	18	32	5	0	0	0	0	-	-	-
6	Goa	296	291	78	2	0	0	2	14	14	82
7	Gujarat	17,084	591	261	11	9	9	28	-	-	-
8	Haryana	2,62,687	4,46,690	1,84,769	3,816	1,188	1,188	6,193	5,042	5,021	46,374
9	Jharkhand	1,17,511	1,18,016	26,671	1,176	718	718	2,612	407	404	8,951
10	Karnataka	15,66,251	22,65,604	3,71,678	16,548	11,430	11,428	39,406	24,786	24,685	4,57,984
11	Kerala	47,416	64,041	23,894	512	411	284	1,207	567	567	4,287
12	Madhya Pradesh	2,18,380	3,59,048	51,089	1,230	380	380	1,990	873	873	12,717
13	Maharashtra	51,964	49,621	7,621	382	523	457	1,362	-	-	-
14	Mizoram	512	488	99	3	2	2	6	9	9	512
15	Odisha	4,25,024	2,80,280	1,03,217	2,185	647	647	3,479	24,799	24,798	2,04,831
16	Rajasthan	1,26,20,454	1,37,19,001	10,63,428	47,976	34,329	34,329	1,16,634	1,55,508	1,33,453	46,91,652
17	Tamil Nadu	4,76,483	5,22,840	1,34,936	5,709	4,166	4,166	14,041	26,803	26,686	2,44,024
18	Telangana	9,23,143	12,57,656	5,35,810	12,115	3,012	3,012	18,139	9,999	9,997	1,43,041
19	Uttar Pradesh	55,70,562	60,61,478	20,52,878	54,887	27,435	27,435	1,09,757	1,99,789	1,98,982	26,77,774
20	Uttarakhand	2,17,704	1,83,679	66,147	1,140	156	156	1,451	1,733	1,731	42,251
21	West Bengal	19,43,351	9,61,459	5,01,798	15,353	18,335	12,887	46,574	28,935	26,664	4,28,482
	Total	**2,76,62,730**	**2,97,59,601**	**62,07,932**	**2,12,849**	**1,43,190**	**1,37,538**	**4,93,577**	**5,86,997**	**5,57,842**	**99,26,015**

Source: Department of Agriculture & Farmers Welfare

3.23 (b):Season-wise Modified National Agricultural Insurance Scheme (MNAIS)-Cumulative upto Rabi 2015-16

(₹ in lakh)

Sl. No.	Season	Farmers Insured	Area Insured (Ha)	Sum Insured	Farmers' Premium	GOI Premium (share)	State Govt Premium (share)	Gross Premium	Claims Payable	Claims Paid	Farmers benefitted (No.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Rabi 2010-11	3,58,421	3,23,734	69,364	2,376	1,180	1,176	4,732	1,615	1,615	46,879
	Total 2010-11	**3,58,421**	**3,23,734**	**69,364**	**2,376**	**1,180**	**1,176**	**4,732**	**1,615**	**1,615**	**46,879**
2	Kharif 2011	4,74,809	6,65,654	1,34,588	5,011	3,614	3,552	12,177	9,610	9,610	1,00,201
3	Rabi 2011-12	7,54,999	7,07,381	2,01,012	6,783	5,234	4,505	16,521	8,444	8,341	1,22,899
	Total 2011-12	**12,29,808**	**13,73,035**	**3,35,600**	11,794	**8,847**	**8,057**	**28,698**	**18,054**	**17,951**	**2,23,100**
4	Kharif 2012	20,62,484	22,39,315	4,89,697	22,034	17,199	17,199	56,432	62,412	62,376	6,57,900
5	Rabi 2012-13	9,49,009	7,41,753	2,07,715	7,501	6,212	5,218	18,930	5,369	5,344	1,13,298
	Total 2012-13	**30,11,493**	**29,81,068**	**6,97,413**	29,534	**23,411**	**22,417**	**75,362**	**67,781**	**67,720**	**7,71,198**
6	Kharif 2013	23,61,297	22,74,659	5,82,621	25,508	19,246	19,246	64,000	89,143	85,370	9,70,816
7	Rabi 2013-14	29,97,404	32,53,671	6,40,752	20,826	11,848	10,774	43,448	54,044	53,828	8,11,168
	Total 2013-14	**53,58,701**	**55,28,329**	**12,23,373**	46,335	**31,094**	**30,019**	**1,07,448**	**1,43,187**	**1,39,198**	**17,81,984**
8	Kharif 2014	58,90,024	69,60,640	9,43,747	34,113	30,586	27,925	92,623	63,230	60,955	16,44,824
9	Rabi 2014-15	31,98,533	35,47,534	9,07,093	27,290	11,341	11,304	49,936	89,185	89,183	14,12,851
	Total 2014-15	**90,88,557**	**1,05,08,174**	**18,50,840**	61,403	**41,927**	**39,229**	**1,42,559**	**1,52,416**	**1,50,138**	**30,57,675**
10	Kharif 2015	48,12,042	55,30,036	8,26,434	33,616	23,565	23,535	80,716	1,12,798	1,12,716	24,22,630
11	Rabi 2015-16	38,03,708	35,15,224	12,04,907	27,792	13,166	13,104	54,062	91,147	68,504	16,22,549
	Total 2015-16	**86,15,750**	**90,45,260**	**20,31,341**	61,408	**36,731**	**36,639**	**1,34,778**	**2,03,944**	**1,81,220**	**40,45,179**
Kharif Seasons Total		**1,56,00,656**	**1,76,70,304**	**29,77,089**	1,20,282	**94,209**	**91,457**	**3,05,948**	**3,37,193**	**3,31,027**	**57,96,371**
Rabi Seasons Total		**1,20,62,074**	**1,20,89,297**	**32,30,843**	92,568	**48,981**	**46,080**	**1,87,629**	**2,49,804**	**2,26,816**	**41,29,644**
Grand Total		**2,76,62,730**	**2,97,59,601**	**62,07,932**	**2,12,849**	**1,43,190**	**1,37,538**	**4,93,577**	**5,86,997**	**5,57,842**	**99,26,015**

Source: Department of Agriculture & Farmers Welfare

3.24: Coconut Palm Insurance Scheme (CPIS)-cumulative (from 2009-10 to 2020-21)

(₹ in lakh)

State	No. of farmers	No. of Palms	Sum Insured	Premium				Claims Paid	Farmers benefitted
				Farmer	State	CDB	Total		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Andhra Pradesh	1,217	90,122	1,883.41	5.01	4.98	9.99	19.98	0.04	1
Goa	240	59,643	692.50	0.91	0.91	1.83	3.66	1.63	14
Karnataka	704	96,422	1,067.64	1.83	1.52	3.05	6.40	3.61	72
Kerala	52,583	21,01,047	22,769.36	30.23	30.23	60.45	120.91	341.28	7,394
Maharashtra	14,764	10,74,127	12,920.50	22.80	22.80	45.60	91.20	34.33	766
Odisha	799	25,310	418.35	0.81	0.81	1.62	3.24	0.16	3
Tamil Nadu	54,069	24,05,630	13,005.69	24.69	24.69	49.51	98.90	64.79	479
West Bengal	692	28,558	328.42	0.82	-	0.82	1.64	-	-
Total	**1,25,068**	**58,80,859**	**53,085.87**	**87.11**	**85.95**	**172.87**	**345.93**	**445.84**	**8,729**

Source: Department of Agriculture & Farmers Welfare
CDB: Coconut Development Board

3.25 (a): State-wise progress under Pradhan Mantri Fasal Bima Yojana (PMFBY) & Restructured Weather Based Insurance Scheme (RWBCIS)-Combined from 2016-17 to 2023-24

State/UTs	Total Farmer Applications (In Lakhs)	Area Insured (In lakh hectares)	Sum Insured (In Rs. Crore)	Farmers Share in Premium (In Rs. Crore)	Gross Premium (In Rs. Crore)	Total Claims (In Rs. Crore)	Paid Claims (In Rs. Crore)	Claims Outstanding (In Rs. Crore)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
A & N Islands	0.03	0.02	9.11	0.05	0.77	0.27	0.23	0.04
Andhra Pradesh	298.06	141.38	103939.15	776.58	9195.83	5417.68	5392.05	25.63
Assam	51.43	30.78	22288.18	23.46	948.96	649.76	607.48	42.28
Bihar	50.17	46.09	21749.35	383.92	2444.91	749.37	749.37	0.00
Chhattisgarh	354.52	188.17	70692.76	1400.43	9005.06	6997.81	6977.46	20.35
Goa	0.03	0.01	15.21	0.19	0.22	0.14	0.14	0.00
Gujarat	83.94	112.33	53812.10	1499.42	12045.21	5526.42	5508.11	18.30
Haryana	196.84	140.43	94622.79	2056.28	7307.26	8567.20	8533.13	34.07
Himachal Pradesh	23.33	220.47	5819.50	223.17	776.98	426.98	409.71	17.28
Jammu & Kashmir	7.40	4.70	3095.79	55.83	295.29	99.69	95.51	4.18
Jharkhand	44.62	19.40	10733.48	75.15	1236.66	896.37	884.45	11.92
Karnataka	181.03	165.32	78021.95	2090.06	17196.19	12783.67	12572.56	211.11
Kerala	7.43	4.19	3176.27	62.01	596.96	574.58	556.05	18.52
Madhya Pradesh	835.60	913.69	329229.32	6124.47	38484.88	30472.75	30190.92	281.83
Maharashtra	1087.48	648.35	264521.26	5306.69	49720.94	32523.51	31896.40	627.10
Manipur	0.34	0.41	172.82	3.23	12.73	6.89	6.72	0.17
Meghalaya	0.44	0.18	136.87	0.84	12.07	0.52	0.52	0.00
Odisha	507.21	107.95	69062.87	1138.76	10177.73	6854.94	6777.51	77.42
Puducherry	1.46	0.68	441.76	0.23	32.25	37.81	28.51	9.29
Rajasthan	1575.17	810.76	283241.47	5763.76	37481.35	27366.83	26496.82	870.01
Sikkim	0.10	0.01	12.21	0.34	0.39	0.75	0.70	0.05
Tamil Nadu	328.45	115.48	71263.01	1223.77	16068.12	14167.14	14118.62	48.52
Telangana	39.04	40.11	27139.87	696.34	2389.32	1939.19	1906.80	32.40
Tripura	13.75	2.59	1781.17	3.33	52.75	8.63	8.04	0.59
Uttar Pradesh	420.11	315.12	154966.04	2786.92	10857.85	5279.52	5208.81	70.72
Uttarakhand	17.34	109.09	7684.93	269.34	1195.04	707.99	692.86	15.14
West Bengal	134.91	55.85	37345.91	305.51	2086.77	1222.83	1218.52	4.31
Grand Total	**6260.25**	**4193.55**	**1714975.14**	**32270.06**	**229622.49**	**163279.24**	**160838.00**	**2441.23**

Source: DA&FW, Data as on 31 May 2024

3.25 (b): Season Wise progress under Pradhan Mantri Fasal Bima Yojana (PMFBY) & Restructured Weather Based Insurance Scheme (RWBCIS)- Combined from 2016-2017 to 2023-24

Season	Total Farmer Applications (In Lakhs)	Area Insured (In lakh hectares)	Sum Insured (In Rs. Crore)	Farmers Share in Premium (In Rs. Crore)	Gross Premium (In Rs. Crore)	Total Claims (In Rs. Crore)	Paid Claims (In Rs. Crore)	Claims Outstanding (In Rs. Crore)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
2016 Kharif	407.67	377.11	130634.60	2814.03	15886.68	10595.98	10595.98	0.00
2016-17 Rabi	176.04	188.54	72247.17	1288.08	5816.19	6213.26	6213.25	0.00
2017 Kharif	357.31	329.53	124588.37	2800.66	18263.62	18168.38	18166.94	1.44
2017-18 Rabi	175.36	178.61	78053.64	1402.84	6332.25	4025.38	4019.63	5.75
2018 Kharif	348.30	318.14	139880.43	3045.74	21107.77	20001.91	19931.99	69.92
2018-19 Rabi	233.65	216.84	95884.57	1660.06	8597.29	9540.46	9511.08	29.38
2019 Kharif	425.63	337.30	145374.18	3060.60	23862.53	21968.45	21827.64	140.81
2019-20 Rabi	192.08	235.20	76165.23	1423.50	8430.56	6028.75	5918.02	110.73
2020 Kharif	424.28	285.63	116258.29	2626.37	20689.91	14916.98	14777.72	139.26
2020-21 Rabi	198.51	197.59	83306.40	1420.56	10986.99	6503.90	6448.57	55.33
2021 Kharif	504.21	251.38	102109.07	2335.57	18918.54	15113.32	14919.52	193.80
2021-22 Rabi	325.72	200.52	78325.78	1378.92	11126.40	5744.55	5669.17	75.39
2022 Kharif	691.56	266.64	126862.17	2537.10	19975.23	12196.15	12029.82	166.34
2022-23 Rabi	430.36	233.62	86474.79	1462.26	11054.53	5441.62	5285.19	156.42
2023 Kharif	837.24	315.64	158114.71	1745.06	20088.02	6591.94	5377.04	1214.90
2023-24 Rabi	532.32	261.25	100695.74	1268.70	8485.97	228.22	146.45	81.77
Grand Total	**6260.25**	**4193.55**	**1714975.14**	**32270.06**	**229622.49**	**163279.24**	**160838.00**	**2441.23**

Source: DA&FW, Data as on 31 May 2024

3.26 (a): State Wise progress under Restructured Weather Based Crop Insurance Scheme (RWBCIS) from 2016-2017 to 2023-24

State/UTs	Total Farmer Applications (In Lakhs)	Area Insured (In lakh hectares)	Sum Insured (In Rs. Crore)	Farmers Share in Premium (In Rs. Crore)	Gross Premium (In Rs. Crore)	Total Claims (In Rs. Crore)	Paid Claims (In Rs. Crore)	Claims Outstanding (In Rs. Crore)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Andhra Pradesh	43.65	43.98	25549.71	258.05	2879.27	2243.40	2243.15	0.24
Assam	0.52	0.37	205.47	4.11	6.91	5.02	5.02	0.00
Chhattisgarh	2.61	1.17	1217.43	60.78	438.80	205.33	205.02	0.31
Himachal Pradesh	7.70	215.01	3837.76	191.51	635.09	343.12	326.24	16.88
Karnataka	21.47	10.52	12759.89	638.70	4273.18	2789.58	2668.73	120.84
Kerala	6.21	3.36	2427.02	47.31	551.62	511.18	492.72	18.46
Madhya Pradesh	17.14	10.70	7008.43	346.83	733.41	1057.07	1048.48	8.59
Maharashtra	25.03	20.27	24441.53	1347.96	7221.91	5184.27	5158.88	25.39
Rajasthan	6.03	2.98	2486.62	117.96	511.97	553.47	553.47	0.00
Telangana	6.92	10.57	5719.66	290.93	1151.85	1231.35	1200.07	31.28
Uttar Pradesh	0.55	0.25	257.58	12.65	40.70	32.71	30.46	2.26
Uttarakhand	7.04	104.45	4512.78	224.28	1106.53	664.62	649.91	14.71
West Bengal	0.04	0.01	14.12	0.69	2.47	1.06	0.58	0.48
Grand Total	**144.90**	**423.63**	**90438.00**	**3541.77**	**19553.70**	**14822.19**	**14582.73**	**239.45**

Source: DA&FW, Data as on 31 May 2024

3.26 (b): Season Wise progress under Restructured Weather Based Crop Insurance Scheme(RWBCIS) from 2016-2017 to 2023-24

Season	Total Farmer Applications (In Lakhs)	Area Insured (In lakh hectares)	Sum Insured (In Rs. Crore)	Farmers Share in Premium (In Rs. Crore)	Gross Premium (In Rs. Crore)	Total Claims (In Rs. Crore)	Paid Claims (In Rs. Crore)	Claims Outstanding (In Rs. Crore)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
2016 Kharif	15.44	12.37	6655.17	240.79	837.62	1292.14	1292.14	0.00
2016-17 Rabi	5.55	4.07	3406.04	163.36	794.23	368.16	368.16	0.00
2017 Kharif	14.54	16.44	8766.66	300.68	1658.78	1321.20	1321.20	0.00
2017-18 Rabi	5.70	4.24	3308.30	161.03	707.05	573.62	573.14	0.48
2018 Kharif	14.18	10.61	10050.41	287.65	1981.91	2318.68	2286.84	31.84
2018-19 Rabi	7.38	10.10	5112.44	248.87	955.88	1319.11	1313.21	5.90
2019 Kharif	17.57	15.76	12766.50	334.80	1962.31	1995.58	1952.67	42.91
2019-20 Rabi	7.45	70.30	5386.97	268.22	1573.84	1557.21	1514.59	42.62
2020 Kharif	5.55	3.46	3610.07	176.85	912.20	549.67	549.26	0.41
2020-21 Rabi	4.06	40.97	3426.72	166.57	803.53	549.52	540.82	8.70
2021 Kharif	6.13	3.35	3726.90	183.95	1113.46	865.49	829.59	35.89
2021-22 Rabi	3.89	51.04	2931.43	182.26	963.41	1134.88	1112.35	22.53
2022 Kharif	7.24	3.35	3936.16	192.36	1273.10	420.05	412.25	7.80
2022-23 Rabi	5.35	82.43	3944.19	237.59	1297.11	535.53	506.22	29.31
2023 Kharif	19.60	10.04	9830.44	204.21	1767.99	21.34	10.28	11.06
2023-24 Rabi	5.26	85.11	3579.62	192.59	951.29	0.00	0.00	0.00
Grand Total	**144.90**	**423.63**	**90438.00**	**3541.77**	**19553.70**	**14822.19**	**14582.73**	**239.45**

Source: DA&FW, Data as on 31 May 2024

3.27(a): Year-wise sale of Tractors and Power Tillers

(Thousand Number)

Year	Tractor	Power Tiller
(1)	(2)	(3)
2004-05	248	17
2005-06	296	22
2006-07	353	25
2007-08	347	26
2008-09	343	35
2009-10	394	39
2010-11	545	55
2011-12	535	60
2012-13	591	47
2013-14	697	56
2014-15	681	46
2015-16	571	46
2016-17	662	45
2017-18	797	52
2018-19	890	52
2019-20	880	45
2020-21	899	54
2021-22	971	54
2022-23 (Till December 2022)	835	35
2023	916	51

Source :Department of Agriculture and Farmers Welfare

Note: The data for the years prior prior to 2023 are in terms of Financial Year, however, data from 2023 onwards are in terms of calendar year, therefore, not comparable to each other

3.27(b): State-wise Sale of Tractors during 2023 (January 2023 to December 2023)

(Number)

State/UTs	Sale of Tractors
(1)	(2)
Andhra Pradesh	29732
Telangana	30705
Assam	10106
Bihar	39946
Jharkhand	10758
Gujarat	92295
Haryana	53787
Himachal Pradesh	2369
Jammu & Kashmir	3579
Karnataka	55167
Kerala	842
Maharashtra	84305
Madhya Pradesh	119733
Chhattisgarh	30468
Odisha	17267
Punjab	32885
Rajasthan	114164
Tamil Nadu	33020
Uttar Pradesh	136136
Uttarakhand	3687
West Bengal	14534
Total	915485

Source : Department of Agriculture and Farmers Welfare

4
Sustainability and Environmental Aspect of Agriculture

4.1: Agricultural land by use in India

(Million Hectare)

S.No.	Classification	1950-51	1960-61	1970-71	1980-81	1990-91	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09 (P)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
I.	Geographical Area	328.73	328.73	328.73	328.73	328.73	328.73	328.73	328.73	328.73	328.73	328.73	328.73	328.73	328.73
II.	Reporting Area for Land Utilisation Statistics	284.32	298.46	303.75	304.16		305.19	305.13	305.36	305.57	305.59	306.88	307.09	307.23	307.41
	(1 to 5)					305.02									
	1. Forest	40.48	54.05	63.83	67.46	67.70	69.84	69.72	69.82	69.97	69.96	71.43	71.46	71.53	71.54
	%	14.24	18.11	21.01	22.18	22.20	22.88	22.85	22.87	22.90	22.89	23.28	23.27	23.28	23.27
	2. Not Available for Cultivation (A+B)	47.52	50.75	44.61	39.55	40.73	41.23	41.33	41.64	41.98	42.23	42.32	42.73	42.90	43.06
	(A) Area Under Non-agricultural Uses	9.36	14.84	16.48	19.60	21.22	23.75	23.91	24.12	24.52	24.76	24.99	25.45	25.88	26.21
	%	3.29	4.97	5.42	6.44	6.96	7.78	7.84	7.90	8.02	8.10	8.14	8.29	8.42	8.53
	(B) Barren & Un-culturable Land	38.16	35.91	28.13	19.96	19.51	17.48	17.41	17.52	17.47	17.47	17.33	17.29	17.02	16.85
	%	13.42	12.03	9.26	6.56	6.40	5.73	5.71	5.74	5.72	5.72	5.65	5.63	5.54	5.48
	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	27.09	27.06	27.04	26.81	26.42
	(A) Permanent Pasture & other Grazing Land	6.68	13.97	13.26	11.99	11.41	10.66	10.53	10.45	10.48	10.45	10.44	10.42	10.36	10.34
	%	2.35	4.68	4.37	3.94	3.74	3.49	3.45	3.42	3.43	3.42	3.40	3.39	3.37	3.37
	(B) Land under Miscellaneous Tree Crops & Groves not included in Net Area Sown	19.83	4.46	4.37	3.58	3.81	3.44	3.44	3.43	3.38	3.36	3.39	3.35	3.40	3.34
	%	6.97	1.49	1.44	1.18	1.25	1.13	1.13	1.12	1.11	1.10	1.10	1.09	1.11	1.09
	(C) Culturable Waste Land	22.94	19.21	17.50	16.74	15.00	13.63	13.52	13.65	13.24	13.27	13.22	13.27	13.04	12.73
	%	8.07	6.44	5.76	5.51	4.92	4.47	4.43	4.47	4.33	4.34	4.31	4.32	4.25	4.14
	4. Fallow Lands (A+B)	28.12	22.82	19.33	24.55	23.50	25.04	25.86	34.43	25.80	25.67	24.91	26.03	24.98	24.48
	(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	10.88	10.70	10.52	10.33	10.29
	%	6.14	3.75	2.87	3.20	3.17	3.36	3.45	3.92	3.70	3.56	3.49	3.42	3.36	3.35
	(B) Current Fallows	10.68	11.64	10.60	14.83	13.84	14.78	15.34	22.46	14.49	14.79	14.21	15.51	14.65	14.19
	%	3.76	3.90	3.49	4.88	4.54	4.84	5.03	7.36	4.74	4.84	4.63	5.05	4.77	4.62
	5. Net Area Sown (6-7)	118.75	133.20	140.86	140.29	142.87	141.34	140.73	131.94	140.71	140.64	141.16	139.82	141.02	141.90
	%	41.77	44.63	46.37	46.12	46.84	46.31	46.12	43.21	46.05	46.02	46.00	45.53	45.90	46.16
	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	191.10	192.74	192.38	195.22	195.33
	7. Area Sown more than once	13.15	19.57	24.93	32.34	42.87	44.00	47.28	41.95	48.95	50.46	51.57	52.56	54.21	53.43
	8. Cropping Intensity*	111.07	114.69	117.70	123.05	130.01	131.13	133.60	131.79	134.79	135.88	136.54	137.59	138.44	137.65
III.	Net Irrigated Area	20.85	24.66	31.10	38.72	48.02	55.20	56.94	53.90	57.10	59.23	60.84	62.74	63.19	63.64
IV.	Gross Irrigated Area	22.56	27.98	38.20	49.78	63.20	76.19	78.37	73.06	78.00	81.08	84.28	86.75	88.06	88.90

contd.

4.1: Agricultural land by use in India

(Million Hectare) (Million Hectare)

S.No.	Classification	2009-10 (P)	2010-11 (P)	2011-12 (P)	2012-13 (P)	2013-14 (P)	2014-15 (P)	2015-16 (P)	2016-17 (P)	2017-18 (P)	2018-19 (P)	2019-20 (P)	2020-21 (P)	2021-22 (P)
(1)	(2)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)
I.	Geographical Area	328.73	328.73	328.73	328.73	328.73	328.73	328.73	328.73	328.73	328.73	328.75	328.74	328.74
II.	Reporting Area for Land Utilisation Statistics (1 to 5)	307.41	307.22	307.13	307.23	307.54	307.52	307.49	308.06	307.51	307.53	306.54	306.98	306.49
	1. Forest	71.56	71.59	71.62	71.59	71.85	72.07	72.14	72.29	72.33	72.29	71.75	71.98	72.00
	%	23.28	23.30	23.32	23.30	23.36	23.44	23.46	23.47	23.52	23.51	23.41	23.45	23.49
	2. Not Available for Cultivation (A+B)	43.33	43.41	43.33	43.38	43.66	43.99	43.77	44.55	44.07	44.28	44.32	44.41	44.09
	(A) Area Under Non-agricultural Uses	26.16	26.42	26.35	26.55	26.96	27.15	27.27	28.04	27.56	27.59	27.78	27.73	27.58
	%	8.51	8.60	8.58	8.64	8.77	8.83	8.87	9.10	8.96	8.97	9.06	9.03	9.00
	(B) Barren & Un-culturable Land	17.18	16.99	16.98	16.83	16.71	16.84	16.50	16.51	16.51	16.69	16.54	16.68	16.52
	%	5.59	5.53	5.53	5.48	5.43	5.48	5.37	5.36	5.37	5.43	5.40	5.43	5.39
	3. Other Uncultivated land excluding Fallow Land (A+B+C)	26.50	26.15	26.06	26.03	25.79	25.85	25.59	25.63	25.71	25.64	25.56	25.24	25.21
	(A) Permanent Pasture & other Grazing Land	10.34	10.30	10.26	10.21	10.22	10.20	10.21	10.29	10.29	10.33	10.48	10.33	10.28
	%	3.36	3.35	3.34	3.32	3.32	3.32	3.32	3.34	3.35	3.36	3.42	3.36	3.35
	(B) Land under Miscellaneous Tree Crops & Groves not included in Net Area Sown	3.21	3.20	3.16	3.18	3.19	3.10	3.09	3.13	3.17	3.15	3.13	3.01	3.01
	%	1.05	1.04	1.03	1.04	1.04	1.01	1.01	1.01	1.03	1.03	1.02	0.98	0.98
	(C) Culturable Waste Land	12.95	12.64	12.64	12.64	12.39	12.55	12.28	12.21	12.25	12.16	11.95	11.91	11.92
	%	4.21	4.12	4.11	4.11	4.03	4.08	4.00	3.96	3.98	3.95	3.90	3.88	3.89
	4. Fallow Lands (A+B)	26.85	24.70	25.33	26.48	25.00	26.17	27.02	26.59	26.63	26.87	25.01	23.80	24.17
	(A) Fallow Lands other than Current Fallows	10.84	10.32	10.67	11.04	10.70	11.09	11.31	11.29	11.64	11.65	11.24	10.82	10.92
	%	3.53	3.36	3.47	3.59	3.48	3.61	3.68	3.66	3.79	3.79	3.67	3.52	4.32
	(B) Current Fallows	16.01	14.38	14.66	15.44	14.30	15.07	15.71	15.30	14.99	15.21	13.77	12.99	13.26
	%	5.21	4.68	4.77	5.03	4.65	4.90	5.11	4.97	4.87	4.95	4.49	4.23	4.32
	5. Net Area Sown (6-7)	139.17	141.37	140.79	139.75	141.24	139.45	138.97	139.00	138.77	138.44	139.90	141.54	141.01
	%	45.27	46.02	45.84	45.49	45.93	45.34	45.20	45.12	45.13	45.02	45.64	46.11	46.01
	6. Total Cropped Area (Gross Cropped Area)	189.19	198.13	195.55	194.46	201.30	198.28	198.12	201.16	200.88	201.18	211.36	216.11	219.16
	7. Area Sown more than once	50.02	56.76	54.75	54.71	60.06	58.84	59.15	62.16	62.11	62.74	71.46	74.56	78.15
	8. Cropping Intensity*	135.94	140.15	138.89	139.15	142.52	142.20	142.56	144.72	144.75	145.32	151.08	152.70	155.40
III.	Net Irrigated Area	61.94	63.87	66.01	66.59	68.42	68.58	67.77	69.22	70.08	72.19	75.46	77.73	77.92
IV.	Gross Irrigated Area	85.09	89.32	91.93	92.78	96.27	97.85	97.75	99.44	101.27	104.49	112.23	118.93	120.38

Source: E, S & E Division, DA&FW

Note: 1: Percentages worked out over Reported Area.

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

(P):Provisional

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

4.2: Selected Categories of Land Use

(Million Hectares)

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	142.87	185.74	42.87	48.02	63.20	15.18
1991-92	141.63	182.24	40.61	49.87	65.68	15.81
1992-93	142.72	185.70	42.98	50.29	66.76	16.47
1993-94	142.34	186.58	44.25	51.34	68.26	16.92
1994-95	142.96	188.05	45.09	53.00	70.65	17.65
1995-96	142.20	187.47	45.27	53.40	71.35	17.95
1996-97	142.93	189.50	46.57	55.11	76.03	20.91
1997-98	141.95	189.99	48.04	55.21	75.67	20.46
1998-99	142.75	191.65	48.90	57.44	78.67	21.23
1999-00	141.06	188.40	47.33	57.53	79.22	21.69
2000-01	141.34	185.34	44.00	55.20	76.19	20.98
2001-02	140.73	188.01	47.28	56.94	78.37	21.44
2002-03	131.94	173.89	41.95	53.90	73.06	19.16
2003-04	140.71	189.66	48.95	57.06	78.04	20.98
2004-05	140.64	191.10	50.46	59.23	81.08	21.85
2005-06	141.16	192.74	51.57	60.84	84.28	23.44
2006-07	139.82	192.38	52.56	62.74	86.75	24.01
2007-08	141.02	195.22	54.21	63.19	88.06	24.87
2008-09 (P)	141.90	195.33	53.43	63.64	88.90	25.26
2009-10 (P)	139.17	189.19	50.02	61.94	85.09	23.14
2010-11 (P)	141.37	198.13	56.76	63.87	89.32	25.45
2011-12 (P)	140.79	195.55	54.75	66.01	91.93	25.92
2012-13 (P)	139.75	194.46	54.71	66.59	92.78	26.19
2013-14 (P)	141.24	201.30	60.06	68.42	96.27	27.85
2014-15 (P)	139.45	198.28	58.84	68.58	97.85	29.26
2015-16 (P)	138.97	198.12	59.15	67.77	97.75	29.98
2016-17(P)	139.00	201.16	62.16	69.22	99.44	30.21
2017-18(P)	138.77	200.88	62.11	70.08	101.27	31.18
2018-19(P)	138.44	201.18	62.74	72.19	104.49	32.30
2019-20(P)	139.90	211.36	71.46	75.46	112.23	36.77
2020-21(P)	141.54	216.11	74.56	77.73	118.93	41.21
2021-22(P)	141.01	219.16	78.15	77.92	120.38	42.46

Source : E, S & E Division, DA&FW

P: Provisional

4.3 : Gross Cropped Area Percentage Distribution

Crop	Percentage Share of Area to Gross Cropped Area									
	2012-13 (P)	2013-14 (P)	2014-15 (P)	2015-16 (P)	2016-17 (P)	2017-18 (P)	2018-19(P)	2019-20 (P)	2020-21(P)	2021-22(P)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Rice	21.98	22.10	22.32	21.91	22.15	22.45	22.58	22.77	23.34	22.77
Jowar	3.23	2.85	3.14	3.08	2.79	2.45	2.09	2.32	2.02	1.80
Bajra	3.90	3.98	3.76	3.61	3.77	3.75	3.60	3.59	3.59	3.48
Maize	4.41	4.48	4.39	4.29	4.57	4.43	4.44	4.61	4.52	4.68
Ragi	0.57	0.59	0.60	0.57	0.51	0.61	0.48	0.51	0.56	0.57
Wheat	15.70	15.60	16.16	15.66	15.98	15.52	15.71	16.80	16.40	15.88
Barley	0.37	0.35	0.36	0.27	0.29	0.27	0.24	0.26	0.25	0.22
Other Cereals & Millets	0.42	0.38	0.36	0.40	0.35	0.30	0.28	0.24	0.20	0.22
Coarse Cereals	**12.90**	**12.64**	**12.61**	**12.21**	**12.27**	**11.82**	**11.13**	**11.52**	**11.13**	**10.96**
Total Cereals	**50.58**	**50.33**	**51.09**	**49.78**	**50.40**	**49.78**	**49.41**	**51.09**	**50.88**	**49.61**
Gram	4.13	4.66	3.86	3.76	4.03	4.78	4.49	4.38	4.26	4.75
Tur	1.81	1.77	1.73	1.77	2.35	1.92	2.17	2.00	2.09	2.18
Other Pulses	5.44	5.47	5.34	6.05	6.84	7.31	7.09	6.12	5.84	6.71
Total Pulses	**11.38**	**11.90**	**10.93**	**11.58**	**13.22**	**14.01**	**13.75**	**12.49**	**12.19**	**13.64**
Total Food-grains	**61.96**	**62.23**	**62.02**	**61.36**	**63.62**	**63.80**	**63.15**	**63.58**	**63.07**	**63.26**
Sugarcane	2.80	2.75	2.80	2.71	2.38	2.54	2.77	2.48	2.71	2.96
Condiments & Spices	1.76	1.71	1.79	1.93	1.93	1.80	1.96	1.97	2.03	1.98
Total Fruits	**2.10**	**2.05**	**2.11**	**2.22**	**2.22**	**2.24**	**2.39**	**2.35**	**2.30**	**2.29**
Potatoes	0.85	0.84	0.89	0.97	0.93	0.91	0.91	0.87	0.85	0.79
Onions	0.27	0.30	0.34	0.58	0.55	0.52	0.51	0.57	0.64	0.80
Total Vegetables	**2.88**	**2.87**	**3.05**	**3.40**	**3.33**	**3.27**	**3.21**	**3.17**	**3.44**	**3.48**
Groundnut	2.55	2.58	2.38	2.27	2.63	2.44	2.35	2.31	2.81	2.61
Sesamum	0.87	0.82	0.88	1.01	0.93	0.87	0.82	0.80	0.86	0.78
Rapeseed & Mustard	3.07	2.98	2.74	2.82	2.81	2.77	3.08	2.92	2.93	3.92
Linseed	0.12	0.11	0.11	0.09	0.11	0.08	0.07	0.06	0.05	0.07
Other Oil Seeds	8.21	8.41	7.99	8.12	7.78	7.11	7.33	7.81	7.24	6.90
Total Oil Seeds	**14.81**	**14.90**	**14.10**	**14.32**	**14.26**	**13.27**	**13.65**	**13.88**	**14.31**	**14.65**
Cotton	6.33	6.12	6.44	6.12	5.29	6.14	6.14	6.30	6.12	5.63
Jute	0.40	0.38	0.38	0.36	0.35	0.34	0.33	0.30	0.29	0.29
Mesta	0.04	0.03	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03
Total Fibers	**6.80**	**6.56**	**6.88**	**6.54**	**5.71**	6.55	6.52	6.64	6.46	5.97
Tobacco	0.22	0.22	0.21	0.24	0.21	0.21	0.20	0.19	0.17	0.18
Other Crops	6.67	6.70	7.04	7.29	6.35	6.32	6.15	5.72	0.45	0.44
Gross Cropped Area	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**

Source : E, S & E Division, DA&FW

P: Provisional

4.4 (a) : State-wise Percent Coverage of Irrigated Area under Principal Crops during 2020-21 (Provisional)

State/Union Territory	Rice	Jowar	Bajra	Maize	Wheat	Barley	Total Cereals	Gram	Tur or Arhar	Total pulses	Total Food-grains	Sugar-cane	Groundnut	Rape-seed & Mustard	Soya-bean	Sun-flower	Total Oilseeds	Cotton	Tobacco	Total area under all crops
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
Andhra Pradesh	97.6	58.2	30.4	72.2	85.1	-	91.5	0.7	2.8	4.0	66.2	88.5	19.3	0.0	65.2	38.6	27.7	16.6	36.4	53.8
Arunachal Pradesh	38.3	-	-	0.0	27.8	-	24.3	0.0	0.0	0.0	22.9	0.0	0.0	0.0	0.0	0.0	13.8	-	-	19.1
Assam	19.3	1.1	0.0	14.0	30.5	-	19.2	8.2	2.7	5.1	18.4	0.7	6.0	19.6	0.0	3.9	16.9	0.0	0.0	14.7
Bihar	71.9	2.0	0.0	75.0	96.1	42.8	81.2	6.4	2.3	14.1	76.4	89.3	9.1	75.8	0.8	89.7	55.7	-	99.1	75.6
Chhattisgarh	38.7	1.4	0.0	11.5	88.8	6.2	39.2	52.8	0.5	26.2	37.6	99.4	2.4	15.5	0.7	98.8	4.3	61.9	-	37.5
Goa	28.3	-	-	-	-	-	28.3	-	-	0.0	-	100.0	94.6	-	-	-	22.1	-	-	18.8
Gujarat	83.5	21.0	62.8	56.0	97.9	100.0	81.8	84.4	30.9	62.3	76.2	99.2	36.2	100.0	-	-	49.4	73.7	98.9	68.3
Haryana	100.0	100.0	98.7	100.0	100.0	99.2	99.8	86.9	73.0	71.9	99.4	100.0	99.5	98.0	-	100.0	98.1	100.0	100.0	99.1
Himachal Pradesh	69.3	50.0	1.2	11.8	24.9	13.0	23.8	19.3	-	14.5	23.5	52.5	38.0	14.1	35.3	-	17.0	-	-	22.7
Jharkhand	4.1	4.6	0.7	2.9	95.2	28.0	9.3	25.2	0.0	10.4	9.4	5.0	1.0	75.6	-	13.7	36.1	-	-	14.3
Karnataka	83.0	15.1	11.3	35.4	70.1	74.1	43.2	10.8	11.1	10.4	30.9	99.8	33.6	82.5	6.3	39.3	37.0	26.9	14.9	40.7
Kerala	77.9	100.0	-	100.0	100.0	-	77.9	100.0	100.0	100.0	78.1	100.0	10.8	-	-	100.0	20.6	100.0	100.0	20.3
Madhya Pradesh	55.5	5.6	4.9	5.6	96.8	66.9	75.6	80.4	6.1	60.3	72.2	97.4	11.1	60.9	1.4	81.0	8.6	96.7	94.4	54.5
Maharashtra***	26.1	9.5	5.0	12.7	73.9	0.0	23.8	24.3	1.6	12.6	19.3	100.0	20.8	9.0	0.4	22.8	1.9	2.7	16.7	21.7
Manipur***	30.7	-	-	0.0	0.0	-	27.4	0.0	0.0	0.0	24.4	0.0	0.0	0.0	0.0	-	0.0	-	-	16.9
Meghalya	78.7	-	-	3.9	11.6	-	66.2	0.0	0.0	0.0	62.2	0.0	-	5.2	31.4	-	7.7	0.0	0.0	38.8
Mizoram	72.5	-	-	0.0	-	-	60.5	-	0.0	90.7	63.3	0.0	-	0.0	0.0	-	0.0	0.0	-	14.3
Nagaland	58.5	0.0	0.0	0.3	4.4	0.0	42.3	3.3	0.0	0.5	37.4	0.0	0.0	3.2	0.0	0.0	1.7	0.0	-	24.4
Odisha	33.8	-	-	3.5	100.0	-	32.8	-	-	8.6	30.8	100.0	49.4	31.0	-	-	29.1	-	-	31.0
Punjab	99.7	100.0	88.7	63.6	99.0	96.5	98.8	88.2	89.5	77.9	98.7	96.3	40.7	94.6	-	100.0	88.1	91.9	-	98.1
Rajasthan	77.0	0.2	4.9	1.8	99.6	98.7	40.4	61.5	1.0	25.4	34.7	99.1	87.6	93.9	0.0	-	64.2	97.8	89.6	44.7
Sikkim***	70.7	-	-	12.1	0.0	0.3	21.8	-	-	0.6	19.8	-	-	36.9	27.8	-	32.5	-	-	10.0
Tamil Nadu	93.4	11.4	11.9	29.5	88.2	-	69.5	5.5	2.7	11.4	57.3	100.0	36.8	0.3	100.0	7.9	64.5	33.7	100.0	58.6
Telangana	99.6	37.9	93.7	78.1	99.0	-	97.1	39.0	3.3	15.3	86.4	100.0	96.7	99.9	16.2	99.3	56.1	18.6	71.3	66.5
Tripura	28.8	0.0	-	11.8	42.9	-	27.3	42.1	0.0	11.4	25.9	49.3	30.6	41.8	-	-	18.8	0.0	-	23.7
Uttarakhand	75.0	-	-	2.1	68.5	1.8	54.8	74.3	0.0	8.2	51.4	99.2	2.4	45.2	2.7	50.0	27.0	33.3	100.0	54.7
Uttar Pradesh	90.2	9.9	21.3	51.5	98.6	82.3	89.3	28.0	14.3	33.8	84.9	96.0	53.0	83.5	3.4	71.4	60.1	89.9	99.5	84.8
West Bengal	51.1	91.5	73.5	85.7	96.6	85.3	54.6	67.9	22.4	43.7	53.8	92.5	96.8	93.0	41.9	87.3	87.8	59.4	95.1	65.7
Andaman & Nicobar Islands***	0.2	-	-	0.0	-	-	0.2	-	-	3.7	0.5	-	0.0	-	-	-	0.0	0.0	-	0.8
Chandigarh	51.0	-	-	31.3	46.2	-	46.5	-	-	-	46.5	-	-	-	-	-	-	-	-	15.8
Dadar And Nagar Haveli And Dama	2.3	0.7	1.0	0.0	66.7	0.0	2.2	0.0	0.5	0.3	2.0	82.6	-	-	-	0.0	10.3	-	-	7.4
Delhi	100.0	40.3	1.0	24.3	100.0	61.5	89.5	-	-	-	89.5	-	-	38.0	-	-	38.0	-	-	63.9
Jammu & Kashmir	87.5	-	6.1	7.0	22.9	4.4	38.3	-	-	20.5	37.9	89.5	-	78.4	-	-	74.4	-	-	41.8
Ladakh	-	-	100.0	-	100.0	100.0	100.0	-	-	100.0	100.0	-	-	100.0	-	-	100.0	-	-	100.0
Lakshadweep	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0
Puducherry	100.0	100.0	100.0	-	-	-	100.0	-	-	26.4	95.7	100.0	100.0	-	-	-	40.9	100.0	100.0	85.0
All India	66.7	12.2	18.1	30.6	95.6	72.6	66.5	49.4	7.8	27.7	59.0	96.7	41.1	82.2	1.3	45.5	33.7	38.0	71.9	55.0

Source : E, S & E Division, DA&FW

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

4.4 (b) : State-wise Percent Coverage of Irrigated Area under Principal Crops during 2021-22(Provisional)

State/Union Territory	Rice	Jowar	Bajra	Maize	Wheat	Barley	Total Cereals	Gram	Tur or Arhar	Total pulses	Total Food-grains	Sugar-cane	Groundnut	Rape-seed & Mustard	Soya-bean	Sun-flower	Total Oilseeds	Cotton	Tobacco	Total area under all crops
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
Andhra Pradesh	97.5	59.3	22.9	71.6	91.2	-	91.6	0.3	0.8	3.1	65.1	91.0	15.3	0.3	57.8	43.3	25.1	11.8	40.0	53.4
Arunachal Pradesh	37.8	-	-	0.0	27.3	-	23.8	0.0	0.0	0.0	22.4	0.0	0.0	0.0	0.0	0.0	14.1	-	-	18.7
Assam	18.0	5.4	0.0	18.0	29.4	-	18.0	8.2	3.5	6.6	17.4	1.1	6.1	22.1	0.0	4.6	19.2	0.0	20.8	14.4
Bihar	72.8	2.0	0.0	76.5	96.0	43.7	81.7	5.9	2.7	13.7	77.1	89.3	8.5	76.4	2.6	92.0	57.7	-	99.9	76.4
Chhattisgarh	38.6	9.5	12.4	11.3	88.5	4.6	39.0	52.4	0.6	26.6	37.4	99.6	5.9	20.8	0.8	93.9	6.6	65.1	97.2	37.6
Goa	28.0	-	-	-	-	-	28.0	-	-	0.0	25.1	100.0	94.9	-	-	-	22.1	-	-	20.2
Gujarat	80.1	41.5	74.1	24.6	97.8	100.0	78.6	82.5	35.5	64.8	73.6	100.0	29.7	100.0	-	-	46.0	75.7	99.2	68.9
Haryana	100.0	100.0	98.7	100.0	100.0	99.2	99.8	86.9	73.0	71.9	99.4	100.0	99.5	98.0	-	100.0	98.1	100.0	100.0	99.1
Himachal Pradesh	70.3	0.0	23.5	11.8	27.8	14.0	25.4	2.3	0.0	14.9	25.0	53.2	38.9	13.8	36.9	-	15.9	-	-	23.7
Jharkhand	5.4	2.8	1.1	2.4	98.1	9.6	10.5	40.0	0.6	14.1	10.8	19.6	1.1	76.8	-	0.5	38.4	-	-	15.8
Karnataka	83.7	16.1	14.2	33.4	68.6	67.5	42.8	11.9	8.4	9.2	29.7	99.8	32.0	93.2	8.9	35.4	36.0	28.9	13.3	41.3
Kerala	78.7	100.0	-	100.0	100.0	-	78.7	100.0	100.0	100.0	78.9	100.0	10.1	0.0	-	100.0	19.8	100.0	100.0	22.2
Madhya Pradesh	59.9	5.1	3.3	6.5	96.3	58.2	75.7	85.7	7.2	51.3	69.5	99.5	26.5	77.6	0.9	98.2	15.1	55.9	74.5	56.1
Maharashtra***	26.1	9.5	5.0	12.7	73.9	-	24.9	24.3	1.6	13.5	19.9	100.0	20.8	9.0	0.4	22.8	1.8	2.7	16.6	22.8
Manipur***	30.7	-	-	0.0	0.0	-	27.4	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	-	0.0	-	-	15.7
Meghalya	69.9	-	-	5.1	3.1	-	59.5	0.0	0.0	0.0	56.2	0.0	-	2.4	8.5	-	2.8	0.0	0.0	34.8
Mizoram	72.4	-	-	0.0	-	-	60.9	-	0.0	90.8	63.5	0.0	-	0.0	0.0	-	0.0	-	-	14.0
Nagaland	40.3	0.0	0.0	0.3	0.6	-	28.7	6.1	0.0	0.9	25.1	0.0	0.0	11.1	0.0	0.0	5.3	0.0	-	15.9
Odisha	33.7	-	-	4.6	100.0	-	32.3	-	-	3.6	29.5	100.0	36.8	37.7	-	-	25.0	-	-	29.9
Punjab	99.6	-	87.0	65.6	98.9	97.1	98.7	92.0	98.9	81.3	98.7	97.8	33.9	96.0	-	100.0	91.2	99.9	-	97.5
Rajasthan	74.7	0.5	4.3	1.8	99.6	98.1	37.0	40.1	0.9	19.6	29.8	98.5	84.2	91.9	0.0	-	67.1	97.5	78.8	43.2
Sikkim***	70.7	-	-	12.1	0.0	0.3	21.8	-	-	0.6	19.8	-	-	36.9	27.8	-	32.5	-	-	10.0
Tamil Nadu	93.9	9.8	14.1	30.6	23.1	-	71.5	4.9	1.9	15.7	60.2	100.0	37.5	2.6	99.7	23.3	66.8	41.8	99.6	61.3
Telangana	99.6	65.0	93.2	57.5	98.4	-	94.3	39.6	4.1	23.1	86.1	100.0	96.5	98.6	18.1	99.5	64.1	19.5	74.1	69.6
Tripura	28.5	-	-	18.5	42.9	-	27.7	83.1	0.0	12.8	26.4	40.3	30.3	41.1	-	-	17.6	0.0	-	23.6
Uttarakhand	76.5	-	100.0	5.2	69.1	1.6	56.2	75.8	0.5	10.9	53.0	99.3	1.8	56.9	2.7	29.4	37.5	0.0	100.0	56.5
Uttar Pradesh	99.9	0.5	0.4	36.6	97.9	0.5	88.0	0.3	0.9	18.5	78.9	99.9	15.3	88.7	0.4	91.1	58.3	87.7	99.8	80.5
West Bengal	51.1	91.0	72.2	85.7	96.6	85.0	54.8	67.9	22.3	43.8	54.0	92.5	96.8	93.0	41.6	87.2	87.9	58.8	95.1	65.9
Andaman & Nicobar Islands***	0.2	-	-	0.0	-	-	0.2	-	-	3.7	0.5	0.0	0.0	-	-	-	0.0	0.0	-	0.8
Chandigarh	51.3	-	-	30.0	46.0	-	46.4	-	-	-	46.4	-	-	-	-	-	-	-	-	15.8
Dadar And Nagar Haveli And Dama	2.3	0.7	1.0	0.0	66.7	0.0	2.2	0.0	0.5	0.3	2.0	82.6	-	-	-	0.0	10.3	-	-	7.4
Delhi	100.0	40.3	0.9	20.0	100.0	62.0	89.1	-	-	-	89.1	-	-	37.9	-	-	37.9	-	-	62.7
Jammu & Kashmir	86.3	-	2.3	6.7	31.7	7.7	39.8	-	-	24.2	39.5	97.1	-	79.3	-	-	75.3	-	-	42.6
Ladakh	-	-	100.0	-	100.0	100.0	100.0	-	-	100.0	100.0	-	-	100.0	-	-	100.0	-	-	100.0
Lakshadweep	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0
Puducherry	100.0	100.0	100.0	-	-	-	100.0	-	-	28.2	96.1	100.0	99.7	-	-	-	50.8	100.0	100.0	85.7
All India	67.6	11.5	15.7	28.6	95.3	47.7	66.1	42.3	6.3	25.0	57.3	98.7	37.8	86.0	1.1	45.6	37.5	37.3	71.7	54.9

Source : E, S & E Division, DA&FW

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

4.5: Agricultural Land by type of Use

(Thousand Hectares)

State/ Union-Territory/ Year	Geogra-phical Area	Reporting area for land utilisation 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 (Col-14/ Col-13*100)
					Perma-nent pastures & other grazing lands	Land unde Misc. tree crops & groves not incl. in net area sown	Cultur-able waste land	Total	Fallow lands other than current fallows	Current fallows	Total				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
ANDHRA PRADESH															
2017-18	16297*	16297	3688	3400	209	155	414	778	940	1443	2383	6048	7445	8999	123.1
2018-19	16297*	16297	3688	3402	208	155	412	775	936	1446	2383	6049	7297	8997	120.6
2019-20	16297	16132	3688	3410	206	155	412	773	926	1452	2377	5884	7287	8828	123.9
2020-21	16297	16124	3688	3416	203	153	405	761	885	1460	2345	5915	7407	8817	125.2
2021-22	16297	16297	3688	3417	204	154	402	760	894	1499	2393	6038	7328	8987	121.4
ARUNACHAL PRADESH															
2017-18	8374	7172	6669*	62	18	34	61	113	62	34	96	233	316	424	135.9
2018-19	8374	7172	6669*	62	18	34	61	113	61	33	95	234	320	424	136.7
2019-20	8374	7147	6643*	62	18	34	61	113	61	33	94	235	320	424	136.6
2020-21	8374	7154	6643*	62	18	34	61	113	61	33	94	242	328	431	135.7
2021-22	8374	7154	6643	62	18	34	61	112	61	33	94	243	338	431	139.3
ASSAM															
2017-18	7844	7844	1853	2509	180	221	160	561	93	106	199	2723	4045	3302	148.6
2018-19	7844	7844	1853	2515	172	222	160	554	92	108	199	2723	4004	3305	147.0
2019-20	7844	7844	1853	2522	173	219	161	553	99	117	217	2699	3975	3296	147.2
2020-21	7844	7831	1829	2533	174	212	151	537	94	114	208	2724	3888	3295	142.8
2021-22	7844	7831	1829	2507	174	212	150	536	96	114	210	2749	3872	3321	140.8
BIHAR															
2017-18	9416	9360	622	2150	15	248	44	308	119	919	1038	5242	7525	6573	143.6
2018-19	9416	9360	622	2150	15	248	44	307	118	995	1113	5167	7406	6573	143.3
2019-20	9416	9360	622	2166	15	250	44	309	118	1069	1186	5077	7297	6557	143.7
2020-21	9416	9360	622	2182	15	250	44	309	173	1028	1202	5045	7265	6541	144.0
2021-22	9416	9360	622	2181	15	251	44	309	174	1003	1177	5070	7329	6542	144.5
CHHATTISGARH															
2017-18	13519	13790	6314	1031	883	1	365	1249	252	290	542	4653	5540	5562	119.1
2018-19	13519	13788	6304	1027	888	2	366	1256	256	266	522	4679	5614	5570	120.0
2019-20	13519	13788	6307	1037	893	3	366	1262	256	291	547	4635	5735	5551	123.7
2020-21	13519	14045	6569	1039	895	3	361	1259	255	301	556	4623	5712	5542	123.6
2021-22	13519	14090	6607	1038	893	3	383	1278	256	280	535	4631	5704	5552	123.2
GOA															
2017-18	370	361	125	37	1	1	53	54		15	15	129	152	197	117.7
2018-19	370	361	125	37	1	1	53	54		16	16	128	150	197	117.4
2019-20	370	361	125	94	1	1	5	7	4	5	8	127	147	141	115.7
2020-21	370	361	125	94	1	1	5	7	4	5	8	126	144	140	114.5
2021-22	370	361	125	94	1	1	5	7	4	5	8	127	144	141	114.1
GUJARAT															
2017-18	19602	18810	2121	3471	804	5	1923	2732	36	558	594	9891	13108	12413	132.5
2018-19	19602	18810	2118	3492	803	4	1903	2711	38	1062	1100	9390	12233	12397	130.3
2019-20	19624	18810	2119	3496	807	4	1901	2712	34	663	697	9787	13816	12388	141.2
2020-21	19624	18810	2051	3510	787	11	1876	2674	92	660	752	9822	14722	12462	149.9
2021-22	19624	18810	2052	3542	788	10	1917	2716	120	661	781	9720	14759	12428	151.8
HARYANA															
2017-18	4421	4371	36	553	24	6	49	79	76	111	187	3517	6549	3759	186.2
2018-19	4421	4371	35	445	74	21	54	149	35	105	141	3601	6605	3817	183.4
2019-20	4421	4371	36	366	175	34	63	273	49	95	145	3552	6617	3794	186.3
2020-21	4421	4371	32	339	153	37	65	255	49	85	134	3611	6566	3847	181.8
2021-22	4421	4371	32	339	153	37	65	255	49	85	134	3611	6566	3847	181.8
HIMACHAL PRADESH															
2017-18	5567	4577	1124	1136	1501	68	120	1689	21	65	85	543	917	816	169.0
2018-19	5567	4577	1125	1133	1502	71	120	1692	19	65	84	542	914	816	168.5
2019-20	5567	4577	1123	1133	1500	70	118	1688	22	80	102	530	892	821	168.2
2020-21	5567	4578	1124	1131	1503	68	125	1695	23	79	102	526	899	821	170.9
2021-22	5567	4577	1144	1137	1466	70	130	1665	26	78	103	528	890	831	168.6

contd.

4.5: Agricultural Land by type of Use

(Thousand Hectares)

State/ Union-Territory/ Year	Geogra-phical Area	Reporting area for land utilisation 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 (Col-14/ Col-13*100)
					Perma-nent pastures & other grazing lands	Land unde Misc. tree crops & groves not incl. in net area sown	Cultur-able waste land	Total	Fallow lands other than current fallows	Current fallows	Total				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
JHARKHAND															
2017-18	7972	7970	2239	1281	127	121	368	616	1104	1285	2390	1444	2033	4323	140.8
2018-19	7972	7970	2239	1285	127	146	380	653	1086	1427	2513	1281	1824	4319	142.5
2019-20	7972	7970	2239	1320	131	144	369	643	1037	1439	2476	1291	1760	4280	136.3
2020-21	7972	7970	2239	1280	132	125	406	663	1068	1392	2460	1328	1803	4319	135.7
2021-22	7972	7970	2239	1276	131	126	382	640	1068	1368	2436	1379	1845	4324	133.9
KARNATAKA															
2017-18	19179	19050	3073	2294	905	274	400	1579	686	1521	2207	9895	11994	12777	121.2
2018-19	19179	19050	3073	2274	872	251	403	1527	571	940	1511	10664	13551	12830	127.1
2019-20	19179	19050	3073	2263	871	238	390	1499	485	925	1411	10804	13831	12843	128.0
2020-21	19179	19050	3073	2259	872	212	393	1477	311	476	788	11453	14910	12846	130.2
2021-22	19179	19050	3074	2266	874	211	394	1479	386	678	1065	11166	14748	12836	132.1
KERALA															
2017-18	3886	3886	1082	559		2	96	99	49	58	107	2040	2580	2246	126.4
2018-19	3886	3886	1082	570		2	96	99	46	57	103	2034	2571	2235	126.4
2019-20	3885	3886	1082	572		2	100	102	47	57	104	2026	2586	2232	127.7
2020-21	3885	3886	1082	576		2	94	96	43	54	97	2035	2569	2229	126.2
2021-22	3885	3886	1082	581		2	88	91	49	54	103	2029	2523	2223	124.3
MADHYA PRADESH															
2017-18	30825	30756	8708	3504	1337	20	967	2325	486	543	1029	15191	25114	17207	165.3
2018-19	30825	30756	8700	3619	1316	21	934	2271	467	493	960	15205	26115	17121	171.8
2019-20	30825	30752	8704	3529	1336	21	875	2232	401	374	775	15512	28277	17183	182.3
2020-21	30825	30756	8708	3394	1206	21	868	2095	356	404	760	15800	29903	17449	189.3
2021-22	30825	30756	8708	3362	1254	23	886	2163	357	344	701	15823	30049	17432	189.9
MAHARASHTRA*															
2017-18	30771	30742	5220	3485	1287	256	924	2467	1262	1366	2628	16943	23109	20751	136.4
2018-19	30771	30758	5174	3542	1323	272	924	2519	1260	1448	2708	16815	22194	20719	132.0
2019-20	30771	30758	5222	3594	1353	273	935	2561	1215	1444	2659	16722	23856	20589	142.7
2020-21	30771	30758	5207	3677	1365	272	935	2572	1214	1438	2652	16650	24917	20509	149.6
2021-22	30771	30758	5209	3719	1364	274	944	2582	1203	1456	2658	16590	25730	20466	145.6
MANIPUR*															
2017-18	2233	2166	1685*	27	1	6	1	8	0	0	0	446	446	453	100.0
2018-19	2233	2161	1685*	27	1	6	1	8	0	0	0	441	441	448	100.0
2019-20	2233	2026	1660*	27	1	6	1	8	0	0	0	331	331	338	100.0
2020-21	2233	2105	1660*	27	1	6	1	8	0	0	0	410	410	417	100.0
2021-22	2233	2088	1660*	27	1	6	1	8	0	0	0	393	393	399	100.0

contd.

4.5: Agricultural Land by type of Use

(Thousand Hectares)

State/ Union-Territory/ Year	Geogra-phical Area	Reporting area for land utilisation 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 (Col-14/ Col-13*100)
					Perma-nent pastures & other grazing lands	Land unde Misc. tree crops & groves not incl. in net area sown	Cultur-able waste land	Total	Fallow lands other than current fallows	Current fallows	Total				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
MEGHALAYA															
2017-18	2243	2196	929	254		165	384	549	153	58	211	253	309	1013	122.3
2018-19	2243	2196	910	275		165	381	546	153	57	210	255	312	1011	122.5
2019-20	2243	2196	914	272		166	379	545	153	58	211	255	313	1010	122.7
2020-21	2243	2196	913	272		166	379	545	154	58	212	253	309	1010	122.2
2021-22	2243	2203	866	322		170	369	539	154	54	207	269	325	1015	120.9
MIZORAM															
2017-18*	2108	2039	1585	75	11	41	7	60	127	47	174	145	188	367	130.1
2018-19*	2108	2039	1585	75	11	41	7	60	127	47	174	145	187	367	129.2
2019-20*	2108	2040	1585	75	11	41	7	60	127	47	174	146	195	368	134.0
2020-21	2108	2039	1585	75	11	41	7	60	127	47	174	145	206	367	142.5
2021-22	2108	2039	1585	75	11	41	7	60	127	47	174	145	206	367	142.6
NAGALAND															
2017-18	1658	1653	863	96		90	66	156	110	44	153	385	530	694	137.8
2018-19	1658	1653	863	112		73	62	135	111	49	160	384	529	678	137.9
2019-20	1658	1654	863	115		71	61	133	112	48	160	384	530	676	137.9
2020-21	1658	1655	863	118		69	60	129	112	47	159	386	532	674	137.7
2021-22	1658	1657	863	122		69	60	129	186	92	278	265	319	672	120.3
ODISHA															
2017-18	15571	15424	5814*	2353	512	276	613	1401	777	1216	1993	3863	4502	6745	116.5
2018-19	15571	15430	5814*	2419	523	251	591	1365	738	1089	1827	4006	4527	6675	113.0
2019-20	15571	14781	5216*	2331	535	260	577	1372	705	1055	1760	4102	4670	6699	113.8
2020-21	15571	14894	5216*	2485	539	242	575	1356	672	986	1658	4179	4819	6654	115.3
2021-22	15571	14845	5216	2339	509	252	577	1338	688	943	1632	4322	4997	6782	115.6
PUNJAB															
2017-18	5036	5033	253	540	5	8	12	25	6	85	91	4124	7779	4235	188.6
2018-19	5036	5033	250	545	4	11	12	27	6	86	91	4119	7851	4233	190.6
2019-20	5036	5033	246	545	4	10	8	22	5	88	93	4127	7838	4238	189.9
2020-21	5036	5033	245	546	4	10	8	22	5	87	93	4126	7835	4237	189.9
2021-22	5036	5033	245	558	4	9	8	22	5	90	95	4113	7916	4225	192.5

contd.

4.5: Agricultural Land by type of Use

(Thousand Hectares)

State/ Union-Territory/ Year	Geogra-phical Area	Reporting area for land utilisation 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 (Col-14/ Col-13*100)
					Perma-nent pastures & other grazing lands	Land unde Misc. tree crops & groves not incl. in net area sown	Cultur-able waste land	Total	Fallow lands other than current fallows	Current fallows	Total				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
RAJASTHAN															
2017-18	34224	34287	2756	4366	1673	24	3831	5528	1992	1742	3734	17903	25069	25493	140.0
2018-19	34224	34287	2760	4375	1668	26	3784	5478	2106	1789	3895	17778	25313	25484	142.4
2019-20	34224	34290	2770	4379	1667	29	3717	5412	2142	1555	3698	18032	27515	25475	152.6
2020-21	34224	34289	2772	4377	1667	30	3727	5424	2093	1675	3768	17948	26100	25473	145.4
2021-22	34224	34293	2778	4397	1655	29	3680	5364	2040	1585	3625	18130	27442	25463	151.4
SIKKIM*															
2017-18	710	441	334*	10		4	4	8	5	7	12	77	153	97	197.8
2018-19	710	441	334*	10		4	4	8	5	7	12	77	162	97	210.2
2019-20	710	441	334*	10		4	4	8	5	7	12	77	162	97	210.0
2020-21	710	441	334*	10		4	4	8	5	7	12	77	140	97	181.9
2021-22	710	441	334*	10		4	4	8	5	7	12	77	140	97	181.9
TAMIL NADU															
2017-18	13006	13033	2157	2659	108	226	320	654	1933	992	2925	4639	5730	8110	123.5
2018-19	13006	13033	2157	2660	108	226	323	657	1931	1047	2978	4582	5672	8109	123.8
2019-20	13006	13033	2157	2661	108	221	322	651	1906	920	2827	4738	5942	8108	125.4
2020-21	13006	13033	2157	2662	108	190	325	623	1865	893	2758	4833	6156	8106	127.4
2021-22	13006	13033	2157	2663	108	186	346	640	1864	800	2664	4909	6348	8105	129.3
TELANGANA															
2017-18	11210*	11208	2698	1441	299	112	182	594	662	916	1578	4898	6059	6770	123.7
2018-19	11210*	11208	2698	1443	299	112	179	591	751	1064	1815	4660	5774	6767	123.9
2019-20	11208	11208	2698	1443	281	112	162	556	566	444	1010	5500	7479	6785	136.0
2020-21	11208	11208	2768	1443	280	84	117	480	379	210	589	5927	8479	6717	143.1
2021-22	11208	11208	2768	1458	267	82	111	460	344	553	896	5625	8026	6715	142.7
TRIPURA															
2017-18	1049	1049	629	148	1	10	3	14	2	1	2	255	487	271	190.8
2018-19	1049	1049	629	148	1	10	3	14	1	1	2	256	487	270	190.6
2019-20	1049	1049	629	149	1	10	3	14	1	1	2	255	487	270	190.7
2020-21	1049	1049	629	149	1	10	2	13	1	1	2	255	487	270	190.8
2021-22	1049	1049	629	149	1	10	2	13	1	1	2	255	487	270	190.5
UTTARAKHAND															
2017-18	5348	6005	3812	435	208	394	324	925	86	73	160	673	1060	1550	157.4
2018-19	5348	6002	3812	435	208	395	328	931	89	88	177	648	1029	1548	158.9
2019-20	5348	6001	3812	437	208	395	330	932	90	93	183	638	1024	1545	160.5
2020-21	5348	6002	3812	438	208	394	339	941	100	92	191	621	997	1544	160.6
2021-22	5348	6002	3812	441	208	394	349	950	108	97	205	594	969	1541	163.3
UTTAR PRADESH															
2017-18	24093	24170	1671	3607	66	283	389	738	552	1061	1613	16542	26864	18826	162.4
2018-19	24093	24170	1715	3611	70	269	388	727	594	987	1581	16538	26859	18775	162.4
2019-20	24093	24170	1771	3716	70	249	387	706	618	992	1610	16368	27109	18614	165.6
2020-21	24093	24170	1771	3716	70	249	387	706	618	992	1610	16368	27109	18614	165.6
2021-22	24093	23514	1772	3407	70	237	369	676	596	966	1562	16096	28200	18264	175.2
WEST BENGAL															
2017-18	8875	8684	1175	1882	2	48	14	64	7	308	315	5247	9945	5625	189.5
2018-19	8875	8684	1175	1892	2	47	13	62	6	301	307	5248	9960	5615	189.8
2019-20	8875	8684	1175	1899	2	43	11	56	5	300	305	5250	10100	5608	192.4
2020-21	8875	8684	1175	1905	2	43	11	56	6	259	265	5282	10207	5602	193.2
2021-22	8875	8684	1175	1912	2	43	11	55	6	254	260	5281	10259	5595	194.2
ANDAMAN & NICOBAR ISLANDS*															
2017-18	825	757	717	9	4	4	3	11	3	3	6	15	49	28	330.3
2018-19	825	757	717	9	4	4	3	11	3	3	6	15	41	28	277.2
2019-20	825	715	674*	9	4	4	3	11	3	3	6	15	46	28	309.5
2020-21	825	715	674*	9	4	4	3	11	3	3	6	15	40	28	270.0
2021-22	825	715	674	9	4	4	3	11	3	3	6	15	39	28	267.4

contd.

4.5: Agricultural Land by type of Use

(Thousand Hectares)

State/ Union-Territory/ Year	Geogra-phical Area	Reporting area for land utilisation 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 (Col-14/ Col-13*100)
					Perma-nent pastures & other grazing lands	Land unde Misc. tree crops & groves not incl. in net area sown	Cultur-able waste land	Total	Fallow lands other than current fallows	Current fallows	Total				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
CHANDIGARH															
2017-18*	11	7	0	5		0		0	0	0	0	1	2	1	161.4
2018-19*	11	7	0	5		0		0	0	0	0	1	1	1	114.0
2019-20*	11	9	2*	5		0		0	0	0	0	1	3	1	226.6
2020-21*	11	9	2	5		0		0	0	0	0	1	2	1	159.7
2021-22*	11	9	2	5		0		0	0	0	0	1	2	1	159.7
DADAR AND NAGAR HAVELI AND DAMAN AND DIU															
2019-20	60	47	20	4	0	0	0	0	0	0	0	23	23	23	100.5
2020-21	60	47	20	4	0	0	0	0	0	0	0	23	23	23	100.5
2021-22	60	47	20	4	0	0	0	0	0	0	0	23	23	23	100.5
DADRA & NAGAR HAVELI															
2017-18	49	49	20	4	1		0	1	2	2	4	19	23	24	123.9
2018-19	49	44	20	4	0		0	0	0	0	0	20	20	20	100.2
DAMAN & DIU															
2017-18	11	3		0		0	0	0	0	0	0	3	3	3	100.4
2018-19	11	3		0		0	0	0	0	0	0	3	3	3	100.4
DELHI															
2017-18*	148	147	1	93	0	1	10	11	8	12	20	22	59	53	268.6
2018-19*	148	147	1	93	0	1	10	11	8	12	20	22	59	53	269.0
2019-20*	148	166	20*	93	0	1	10	11	8	12	20	22	58	53	263.4
2020-21	148	166	20*	93	0	1	10	11	8	12	20	22	58	53	267.1
2021-22	148	166	20*	93	0	1	10	11	8	12	20	22	58	53	266.9
JAMMU & KASHMIR															
2017-18	22224	4120*	2361*	570	108	59	139	306	26	105	131	752	1165	1081	154.9
2018-19	22224	4130*	2361*	569	108	63	158	329	36	121	157	713	1124	1091	157.6
2019-20	5462*	3846*	2139*	529	107	60	156	324	37	97	135	720	1090	1071	151.4
2020-21	5462*	3846*	2139*	525	107	64	155	326	38	82	120	736	1112	1074	151.1
2021-22	5462	3843	2139	523	106	63	154	324	37	88	125	733	1134	1075	154.8
LADAKH															
2019-20*	16763*	292*	227*	36	1	2	4	7	1	1	2	20	22	28	107.4
2020-21*	16763*	293*	228*	36	1	2	4	7	1	1	2	20	22	28	107.4
2021-22*	16763	292	227*	36	1	2	4	7	1	1	2	20	22	28	107.4
LAKSHADWEEP															
2017-18	3	3		1								2	2	2	107.2
2018-19	3	3		0								3	3	3	100.9
2019-20	3	5	3*	1								2	2	2	107.9
2020-21	3	5	3*	1								2	2	2	106.8
2021-22	3	5	3*	1								2	2	2	106.8
PUDUCHERRY															
2017-18	48	49	0	20		1	5	6	3	4	8	15	26	29	171.3
2018-19	48	49	0	20		1	5	6	3	4	7	15	27	28	174.5
2019-20	49	49	0	20		1	5	6	3	4	7	15	27	28	176.9
2020-21	49	49	0	20		1	5	6	3	4	7	15	27	28	173.7
2021-22	49	49	0	20		1	5	6	3	4	6	16	28	28	177.3
ALL INDIA															
2017-18	328726	307509	72334	44067	10291	3169	12250	25709	11640	14988	26629	138770	200876	180817	144.8
2018-19	328726	307528	72295	44282	10328	3155	12162	25645	11654	15214	26868	138439	201179	180624	145.3
2019-20	328747	306543	71751	44319	10480	3134	11945	25559	11242	13770	25012	139902	211359	179993	151.1
2020-21	328747	306982	71980	44409	10327	3012	11905	25244	10818	12986	23804	141544	216107	180266	152.7
2021-22	328747	306486	72000	44093	10281	3013	11920	25214	10917	13255	24172	141007	219158	180112	155.4

Source : E, S & E Division, DA&FW

'0' relates to the area below 500 hectares.

*The figures related to area under forest are taken from latest "State of Forest Report," of the Forest Survey of India, Dehradun. The other categories of land use, net irrigated area, gross irrigated area, net area sown and area under crops as the case may be, are taken from latest Agriculture Census or are estimated based on latest available year data received from the States/UTs respectively.

UT of Ladakh was bifurcated from the state of Jammu and Kashmir on 31st October, 2019. For Ladakh and Jammu & Kashmir, Area of Shape file was taken from Forest Survey of India, which is subject to change.The combined Gepgraphical area for both UTs reported to be 222236 sq km.

4.6 : Irrigation Potential created under Accelerated Irrigation Benefit Programme (AIBP)- All Major and Medium Irrigation Projects

S. No.	State	Ultimate Potential	Created before AIBP	Target for AIBP	Potential Created under AIBP during									
					1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1	Andhra Pradesh	900.34	23.37	788.91	0.00	0.00	6.20	0.45	7.69	23.55	7.71	4.48	26.84	24.44
2	Assam	262.63	96.23	162.32	4.53	4.92	7.90	7.47	8.20	3.65	3.95	4.12	2.69	2.80
3	Bihar	1323.64	1430.99	684.65	0.00	8.00	7.79	13.53	43.30	47.95	44.79	60.38	174.65	45.27
4	Chhattisgarh	791.65	394.94	213.71	0.00	0.00	3.50	2.70	36.19	19.21	11.91	15.97	11.65	11.94
5	Goa	28.63	4.81	23.82	0.00	1.48	0.54	0.15	0.89	1.72	2.90	1.80	0.25	0.41
6	Gujarat	2028.35	168.21	1830.24	20.38	36.53	28.44	40.62	15.36	11.98	61.36	77.95	34.09	81.84
7	Haryana	400.50	179.53	200.97	12.40	14.97	21.12	11.23	12.32	3.27	2.96	7.89	6.90	10.09
8	Himachal Pradesh	37.51	0.00	37.51	0.00	0.24	0.24	0.33	0.17	0.32	0.49	0.49	0.49	3.53
9	Jammu & Kashmir	154.80	48.93	105.69	0.00	0.00	0.62	0.88	2.43	5.59	2.62	1.08	1.32	1.19
10	Jharkhand	299.83	6.04	293.79	0.00	1.80	1.40	1.80	3.60	2.02	1.00	0.00	0.00	0.50
11	Karnataka	1911.59	967.15	953.53	3.11	7.19	8.48	4.82	66.92	54.97	129.23	69.15	50.48	76.05
12	Kerala	154.84	69.12	57.47	1.58	0.00	0.80	1.65	5.92	4.80	9.18	5.03	0.65	2.71
13	Madhya Pradesh	1559.01	118.25	1028.50	0.00	0.00	5.00	9.47	9.32	16.68	11.16	50.44	21.06	18.10
14	Maharashtra	2230.69	827.79	1215.17	26.94	24.12	11.98	21.55	10.49	12.90	27.59	35.97	34.49	66.89
15	Manipur	55.99	4.00	51.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00
16	Meghalaya	4.78	0.00	4.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Odisha	844.51	216.21	649.86	17.22	13.54	8.73	13.04	6.41	4.07	40.00	15.52	4.15	4.61
18	Punjab	337.62	0.00	337.62	0.00	0.00	0.00	14.16	79.75	2.09	0.00	4.99	18.03	8.18
19	Rajasthan	1752.51	70.11	1605.16	51.62	58.99	34.77	12.70	29.10	37.36	51.30	59.77	81.19	62.45
20	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
21	Telangana	1145.43	1105.09	827.94	18.66	40.67	10.72	8.39	28.07	52.28	4.06	7.62	34.68	30.08
22	Tripura	26.72	2.18	24.54	0.21	0.10	0.67	0.75	0.89	0.00	0.00	0.52	2.05	3.01
23	Uttar Pradesh	5890.70	2658.52	3213.88	42.61	38.20	56.10	351.23	68.22	78.86	30.07	93.55	111.30	88.62
24	Uttarakhand	310.00	0.00	270.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	West Bengal	1057.96	402.02	551.02	0.30	9.00	11.35	16.25	10.14	5.43	2.55	2.47	5.15	2.31
	Total	**23510.22**	**8793.47**	**15133.04**	**199.55**	**259.75**	**226.35**	**533.14**	**445.36**	**388.69**	**444.81**	**519.15**	**622.09**	**550.01**

(Contd..)

('000 Hectare)

S. No.	State	Potential Created under AIBP during																Potential Created under AIBP upto March 2023
		2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	
(1)	(2)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)
1	Andhra Pradesh	63.43	21.94	10.07	60.13	12.59	4.08	3.79	0.00	29.11	11.89	10.41	2.00	0.00	0.00	0.00	0.00	**330.79**
2	Assam	4.49	7.75	10.87	6.15	4.00	0.45	8.00	0.50	0.00	28.28	0.00	1.20	0.00	0.00	7.10	0.00	**129.00**
3	Bihar	6.40	10.00	0.47	0.00	0.00	0.00	3.68	0.00	0.00	10.31	0.40	0.20	1.87	0.20	6.56	0.10	**485.83**
4	Chhattisgarh	15.82	18.86	10.21	2.83	9.83	11.80	5.00	3.51	1.11	6.66	9.96	0.00	0.04	0.10	0.00	0.00	**208.79**
5	Goa	4.89	1.50	0.53	0.80	0.17	1.26	1.16	0.00	0.00	0.05	0.00	0.20	0.00	0.00	0.09	3.77	**24.55**
6	Gujarat	68.20	20.89	25.66	28.89	21.27	128.20	274.78	162.64	185.91	116.50	312.18	98.60	28.69	13.91	12.29	10.81	**1917.94**
7	Haryana	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**103.13**
8	Himachal Pradesh	3.34	4.15	4.04	5.01	5.59	3.53	5.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**37.50**
9	Jammu & Kashmir	4.52	4.74	4.38	8.91	10.15	4.59	4.25	0.54	1.00	0.00	0.00	0.00	5.26	0.90	0.36	0.00	**65.32**
10	Jharkhand	0.00	0.00	0.51	1.66	0.00	4.30	23.83	0.00	0.00	79.19	0.00	0.00	0.00	0.61	0.00	0.00	**122.22**
11	Karnataka	18.75	6.45	32.74	24.71	28.80	8.02	21.33	30.34	88.41	24.62	81.00	6.90	1.93	1.34	0.00	0.05	**845.78**
12	Kerala	0.96	0.12	1.63	2.64	7.55	1.99	1.87	0.09	0.47	0.07	0.24	0.80	0.95	0.00	0.00	0.53	**52.24**
13	Madhya Pradesh	79.41	48.87	35.52	89.73	82.55	99.08	82.77	90.66	52.00	73.73	72.28	16.20	11.22	1.74	2.64	2.41	**982.04**
14	Maharashtra	89.26	65.33	70.78	34.79	41.54	26.39	20.30	21.90	24.26	66.51	31.49	74.10	66.22	33.24	51.04	30.63	**1020.68**
15	Manipur	5.92	4.14	1.80	4.00	0.10	4.00	1.20	2.60	2.00	4.00	3.24	2.40	0.00	3.79	0.92	4.43	**49.54**
16	Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
17	Odisha	14.40	10.73	27.66	36.21	20.31	6.76	11.14	6.44	7.26	5.42	17.61	13.10	15.20	3.82	4.43	18.64	**346.41**
18	Punjab	4.80	27.44	12.89	25.00	0.00	1.00	0.00	0.00	2.89	0.00	11.62	0.00	0.00	1.44	21.93	0.00	**236.21**
19	Rajasthan	129.47	54.00	49.00	396.03	13.01	12.80	11.45	1.77	6.28	0.00	7.05	0.10	0.07	0.00	0.00	9.14	**1169.40**
20	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	4.12	0.00	**4.12**
21	Telangana	25.47	60.32	9.31	8.09	25.85	20.07	54.96	7.12	69.22	20.11	84.12	9.70	3.74	20.36	40.88	8.17	**702.72**
22	Tripura	1.73	1.27	4.27	0.51	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**16.19**
23	Uttar Pradesh	75.67	105.18	37.35	175.33	67.95	82.05	98.62	9.11	63.78	67.40	61.13	384.90	181.97	48.49	20.06	0.00	**2437.74**
24	Uttarakhand	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**
25	West Bengal	14.55	4.85	5.28	15.27	25.85	3.34	1.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**135.80**
	Total	**631.47**	**478.50**	**354.97**	**926.67**	**377.12**	**423.93**	**635.40**	**337.20**	**533.70**	**514.74**	**702.73**	**610.40**	**317.16**	**129.94**	**172.42**	**88.68**	**11423.93**

Source: Ministry of Water Resources, River Development and Ganga Rejuvenation

4.7: State-wise Area Covered under Micro Irrigation (as on 31.03.2024)

(Hectare)

S.No.	Name of State	Drip	Sprinkler	Total
(1)	(2)	(3)	(4)	(5)
1	Andhra Pradesh	1534852	559838	2094690
2	Bihar	25231	107499	132730
3	Chattisgarh	41115	364004	405119
4	Goa	1392	1347	2739
5	Gujarat	1058717	887579	1946296
6	Haryana	52541	701395	753936
7	Himachal Pradesh	8191	6552	14743
8	Jharkhand	41262	19900	61162
9	Jammu & Kashmir	699	485	1184
10	Karnataka	916000	1936203	2852203
11	Kerala	25215	10332	35547
12	Madhya Pradesh	393137	365580	758717
13	Maharashtra	1572806	724033	2296839
14	Odisha	36255	192659	228914
15	Punjab	40179	19915	60094
16	Rajasthan	479608	2027887	2507495
17	Tamil Nadu	998161	457335	1455496
18	Telangana	259438	99565	359003
19	Uttrakhand	18096	16705	34801
20	Uttar Pradesh	115064	314824	429888
21	West Bengal	10905	145618	156523
22	Arunachal Pradesh	8747	5166	13913
23	Assam	12651	32955	45606
24	Manipur	338	15242	15580
25	Meghalaya	308	307	615
26	Mizoram	7174	1885	9059
27	Nagaland	19833	10776	30609
28	Sikkim	7713	16761	24474
29	Tripura	3068	3538	6606
30	Ladakh	0	0	0
	Total	**7688696**	**9045885**	**16734581**

Source : Department of Agriculture & Farmers Welfare

4.8: Ceilings on Land Holdings

(In Acres)

State	Irrigated Land with two Crops	Irrigated Land with one Crops	Dry land
(1)	(2)	(3)	(4)
As recommended in 1972 National Guidelines	10 to 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	-	-	-
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	-	-	-

Source: Department of Land Resources

Note : 1. The actual limits for lands in Karnataka and Uttar Pradesh are higher due to classification of land.

2. The actual ceiling limits in Himachal Pradesh and Rajasthan are higher due to hilly terrain and desert lands.

3. 1 Acre = 0.404686 Hectare.

4.9: Performance of South West Monsoon during 1989 to 2023 (1 June - 30 September)

Year	Number of Meteorological Sub-Divisions@		Percentage of Districts with Large Excess/Excess/ Normal Rainfall	Actual Rainfall as % of Normal Rainfall (All India)
	Large Excess/ Excess/Normal Rainfall	Deficient/ Large Deficient 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	77
2010	31	5	69	102
2011	33	3	76	101
2012	23	13	58	92
2013	30	6	72	106
2014	24	12	55	88
2015	19	17	51	86
2016	27	9	68	97
2017	30	6	66	95
2018	24	12	62	91
2019	31	5	70	106
2020	31	5	75	109
2021	30	6	77	99
2022	30	6	72	106
2023	29	7	69	94

Source: IMD

@: Total number of Meteorological sub-divisions was 35 upto 2001. From 2002 onwards, the no. of meteorological sub-divisions is 36.

Large Excess :- + 60 or more of Long Period Average Rainfall

Excess : Between + 20% and + 59% 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

Large Deficient : Between -60% and -99% of Long Period Average Rainfall

4.10: All India rainfall distribution from 1992-93 to 2023-24

(In Millimeters)

Year	Monsoon Season (June-September)			Post-Monsoon* (October-December)			Winter Season (January-February)			Pre-monsoon Season (March-May)			Overall Rainfall (June-May)		
	Actual	Normal	%Dep.	Actual	Normal	%Dep.	Actual	Normal	% Dep.	Actual	Normal	%Dep.	Actual	Normal	%Dep.
(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
1999-00	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	-1.5	138.4	125.8	10.0	27.8	43.9	-37.0	139.9	134.6	3.9	1185.4	1196.8	-1.0
2006-07	886.6	892.2	-0.6	99.3	125.9	-21.1	34.3	43.8	-21.7	112.8	133.6	-15.6	1133.0	1195.5	-5.2
2007-08	936.9	892.2	5.0	85.4	125.9	-32.2	42.6	43.2	-1.4	115.3	133.5	-13.6	1180.2	1194.8	-1.2
2008-09	873.2	892.2	-2.1	87.2	125.9	-30.7	23.6	43.8	-46.1	91.0	134.5	-32.3	1075.0	1196.4	-10.1
2009-10	689.8	892.2	-22.7	135.5	125.9	7.6	24.6	43.8	-43.8	122.9	133.7	-8.1	972.8	1195.6	-18.6
2010-11	912.8	893.2	2.2	153.2	126.3	21.3	31.9	40.9	-22.0	114.4	131.3	-12.9	1212.3	1191.7	1.7
2011-12	899.9	887.5	1.4	65.7	127.2	-48.3	38.8	40.9	-5.1	90.3	131.3	-31.2	1094.7	1186.9	-7.8
2012-13	819.5	886.9	-7.6	100.6	127.2	-20.9	51.4	40.9	25.7	101.9	131.3	-22.4	1073.4	1186.3	-9.5
2013-14	936.7	886.9	5.6	149.5	127.2	17.5	46.2	40.9	13.0	130	131.3	-1.0	1262.4	1186.3	6.4
2014-15	777.5	886.9	-12.3	85.2	127.2	-33.0	37.6	41.4	-9.2	181.5	131.5	38.0	1081.8	1187.0	-8.9
2015-16	760.6	887.5	-14.3	97.8	127.2	-23.1	17.9	41.4	-56.8	131.0	131.5	-0.4	1007.3	1187.6	-15.2
2016-17	862.0	887.5	-2.9	69.7	127.2	-45.2	39.3	41.4	-5.1	128.4	131.5	-2.4	1099.4	1187.6	-7.4
2017-18	841.3	887.5	-5.2	112.7	127.2	-11.4	15.4	41.4	-62.8	117	131.5	-11.0	1086.4	1187.6	-8.5
2018-19	804.0	887.5	-9.4	71.2	127.2	-44.0	51.4	41.4	24.2	99	131.5	-24.7	1025.6	1187.6	-13.6
2019-20	968.3	880.6	10.0	160.0	123.8	29.2	40.2	40.8	-1.4	158.5	131.7	20.3	1327.0	1176.9	12.8
2020-21	957.6	880.6	8.7	124.6	123.8	0.6	27.8	40.8	-32.0	155.2	131.7	18.0	1265.2	1176.9	7.5
2021-22	874.6	880.6	-1.0	177.8	123.8	44.0	58.7	40.8	44.0	130.6	131.7	-1.0	1241.7	1176.9	5.5
2022-23	925.0	868.6	6.0	143.4	119.5	20.0	21.9	39.8	-45.0	146.6	130.6	12.0	1236.9	1158.5	6.8
2023-24	820.0	868.6	-6.0	110.7	121.0	-9.0	26.8	39.8	-33.0						

Source: IMD

4.11: Broad region-wise Monsoon (June-September) Rainfall Distribution from 2005 to 2023

(In Millimeters)

Year	North-West India			Central India			South Peninsula			East & 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	1152.2	993.9	16	684.6	722.6	-5	1177.6	1427.3	-17
2007	520.8	611.6	-15	1073.8	993.9	8	907.3	722.6	26	1485.9	1427.3	4
2008	651.7	611.6	7	956.9	993.9	-4	692.5	722.6	-4	1346.0	1427.3	-6
2009	392.1	611.6	-36	794.8	993.9	-20	693.0	722.6	-4	1037.7	1427.3	-27
2010	688.2	613.0	12	1027.9	991.5	4	853.6	722.9	18	1175.8	1436.2	-18
2011	654.8	615.0	7	1073.6	975.5	10	715.2	715.5	0	1233.6	1438.3	-14
2012	569.3	615.0	-7	934.6	974.2	-4	644.0	715.7	-10	1275.3	1437.8	-11
2013	671.8	615.0	9	1195.3	974.2	23	825.6	715.7	15	1037.9	1437.8	-28
2014	483.1	615.0	-21	879.7	974.2	-10	665.4	715.7	-7	1267.7	1437.8	-12
2015	510.6	615.0	-17	815.5	975.5	-16	605.7	716.1	-15	1317.5	1438.3	-8
2016	584.2	615.0	-5	1034.1	975.5	6	661.5	716.1	-8	1281.5	1438.3	-11
2017	552.9	615.0	-10	918.8	975.5	-6	717.6	716.1	0	1386.4	1438.3	-4
2018	603.2	615.0	-2	911.3	975.5	-7	704.4	716.1	-2	1087.5	1438.3	-24
2019	586.0	599.5	-2	1262.8	976.6	29	840.9	726.2	16	1240.7	1410.4	-12
2020	505.7	599.5	-16	1123.8	976.6	15	939.9	726.2	29	1500.3	1410.4	6
2021	575.9	599.5	-4	1012.5	976.6	4	804.2	726.2	11	1246.2	1410.4	-12
2022	594.3	587.6	1	1161.1	978.0	19	876.1	716.2	22	1124.8	1367.3	-18
2023	593.0	587.6	1	981.7	978.0	0	659.0	716.2	-8	1115.0	1367.3	-18

Source : IMD

5
Agricultural Census
and
Survey

5.1: Number and Area of Operational Holdings by Size Group

No. of Holdings: '000 Number
Area Operated: '000 Hectare
Average size: Hectare

Category of Holdings	Number of Holdings			Area			Average Size of Holdings		
	2005-06*	2010-11	2015-16	2005-06*	2010-11	2015-16	2005-06*	2010-11	2015-16(P)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Marginal	83694	92826	100251	32026	35908	37923	0.38	0.39	0.38
(Less than 1 hectare)	(64.8)	(67.1)	(68.45)	(20.2)	(22.5)	(24.03)			
Small	23930	24779	25809	33101	35244	36151	1.38	1.42	1.40
(1.0 to 2.0 hectares)	(18.5)	(17.9)	(17.62)	(20.9)	(22.1)	(22.91)			
Semi-Medium	14127	13896	13993	37898	37705	37619	2.68	2.71	2.69
(2.0 to 4.0 hectares)	(10.9)	(10.0)	(9.55)	(23.9)	(23.6)	(23.84)			
Medium	6375	5875	5561	36583	33828	31810	5.74	5.76	5.72
(4.0 to 10.0 hectares)	(4.9)	(4.2)	(3.80)	(23.1)	(21.2)	(20.16)			
Large	1096	973	838	18715	16907	14314	17.08	17.38	17.07
(10.0 hectares and above)	(0.8)	(0.7)	(0.57)	(11.8)	(10.6)	(9.07)			
All Holdings	129222	138348	146454	158323	159592	157817	1.23	1.15	1.08
	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)			

Source : Department of Agriculture & Farmers Welfare (Agriculture Census 2015-16)
*-Excluding Jharkhand
P-Provisional
Note: Figures in parentheses indicate percentage share out of total holdings/area.

5.2 (a): Number of Operational Holdings by Size Group- 2015-16

State/UT	Marginal	Small	Semi-Medium	Medium	Large	All Holdings
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Andaman & Nicobar Islands	5154	2533	2875	1364	28	11954
Andhra Pradesh	5904039	1646246	769843	189034	14748	8523910
Arunachal Pradesh	27161	24056	29018	26328	6690	113253
Assam	1868020	495313	295286	79262	3830	2741711
Bihar	14970585	943796	414015	81408	3089	16412893
Chandigarh	480	139	81	46	2	748
Chhattisgarh	2434321	879477	493056	180823	23095	4010772
Dadra & Nagar Haveli	8511	3829	1887	746	99	15072
Daman & Diu	7422	423	131	34	6	8016
Delhi	11489	5436	2587	1209	121	20842
Goa	59472	8083	4309	2092	607	74563
Gujarat	2018827	1615788	1150254	495869	39888	5320626
Haryana	802396	313937	277972	192327	41383	1628015
Himachal Pradesh	712204	173456	82265	25920	2964	996809
Jammu & Kashmir	1186887	159988	58102	10998	534	1416509
Jharkhand	1961615	418684	277306	125514	19827	2802946
Karnataka	4767132	2213732	1192724	451445	55706	8680739
Kerala	7333248	181372	55744	11274	1858	7583496
Lakshadweep	9562	281	135	31	8	10017
Madhya Pradesh	4834531	2724684	1674301	706734	62885	10003135
Maharashtra	7815823	4339259	2327023	733619	69715	15285439
Manipur	76705	48737	22269	2734	39	150484
Meghalaya	122748	60268	39863	9256	262	232397
Mizoram	44963	27483	13834	3209	285	89774
Nagaland	8211	29790	63332	73769	21430	196532
Odisha	3636658	887272	286735	51210	3975	4865850
Puducherry	28361	3385	1568	481	45	33840
Punjab	154412	207436	367938	305220	57707	1092713
Rajasthan	3070873	1677372	1416174	1131440	358757	7654616
Sikkim	44294	12767	10591	3513	367	71532
Tamil Nadu	6224319	1119229	452236	127650	14513	7937947
Telangana	3840131	1408979	563530	125630	9465	5947735
Tripura	504105	47987	18538	2491	73	573194
Uttar Pradesh	19099828	3008403	1313695	376790	22909	23821625
Uttarakhand	659064	148817	58040	14496	888	881305
West Bengal	5997758	970895	255957	17514	608	7242732
All India	**100251309**	**25809332**	**13993214**	**5561480**	**838406**	**146453741**

Source : Department of Agriculture & Farmers Welfare (Agriculture Census 2015-16)

5.2 (b): Area of Operational Holdings by Size Group- 2015-16

(Figures in Hectare)

State/UT	Marginal	Small	Semi-Medium	Medium	Large	All Holdings
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Andaman & Nicobar Islands	2372.62	3737.81	7873.99	6128.93	1106.73	21220.07
Andhra Pradesh	2336409.71	2334051.98	2019756.63	1038253.92	275999.71	8004471.95
Arunachal Pradesh	14356.98	30640.11	77432.38	153215.31	104294.29	379939.07
Assam	784971.32	696107.03	806250.00	410090.50	278835.70	2976254.56
Bihar	3727921.25	1178101.04	1075804.81	430508.89	44718.90	6457054.89
Chandigarh	206.49	191.04	235.39	248.48	31.85	913.25
Chhattisgarh	1039903.20	1238488.85	1315920.81	1025558.38	371857.32	4991728.56
Dadra & Nagar Haveli	4521.09	5143.57	5191.85	4322.51	1551.91	20730.93
Daman & Diu	1664.40	566.49	354.56	200.14	78.64	2864.22
Delhi	5207.65	7634.98	7266.99	6913.48	1951.71	28974.82
Goa	23476.19	13432.90	14018.31	14112.46	17045.04	82084.90
Gujarat	1073153.79	2338174.33	3171855.22	2804446.15	590150.15	9977779.64
Haryana	391705.35	459439.42	802030.09	1167627.96	787783.69	3608586.52
Himachal Pradesh	285428.04	242312.91	223343.11	146156.70	46985.90	944226.66
Jammu & Kashmir	397390.22	220672.20	153906.45	59446.93	10892.15	842307.95
Jharkhand	754009.23	569485.28	755488.28	707844.41	303906.94	3090734.13
Karnataka	2080098.12	3107119.63	3188193.18	2568763.01	860931.89	11805105.84
Kerala	856074.10	242336.53	141685.39	60007.62	94833.10	1394936.74
Lakshadweep	1681.43	339.61	328.51	168.93	140.20	2658.68
Madhya Pradesh	2372199.19	3835581.66	4521716.94	4008229.25	932509.62	15670236.65
Maharashtra	3448659.10	5771127.10	6025640.40	4099418.02	1161587.37	20506431.99
Manipur	40295.68	62773.84	55322.02	13357.23	432.42	172181.19
Meghalaya	55929.89	79595.89	108904.36	51413.49	4236.04	300079.67
Mizoram	27167.00	35063.65	31671.94	14908.92	3653.20	112464.71
Nagaland	4608.78	36803.15	169447.92	431165.51	314413.88	956439.24
Odisha	2056820.60	1404130.37	787866.83	284228.07	86242.66	4619288.52
Puducherry	8194.63	4913.97	4280.54	2693.03	782.00	20864.17
Punjab	93360.31	289729.35	983565.84	1729848.19	857229.91	3953733.61
Rajasthan	1482911.94	2388734.34	3988603.34	6898759.81	6114290.00	20873299.43
Sikkim	18073.30	17755.51	28763.89	19957.59	6315.02	90865.31
Tamil Nadu	2168705.74	1555481.71	1215345.19	714169.79	317027.89	5970730.32
Telangana	1705882.58	1976615.61	1466837.15	687904.63	134574.14	5971814.11
Tripura	148777.52	70095.55	49196.28	12633.75	1082.06	281785.17
Uttar Pradesh	7298325.75	4174659.29	3559517.75	2074622.78	343244.47	17450370.04
Uttarakhand	283441.55	206228.12	155532.49	78833.81	23283.72	747319.70
West Bengal	2929448.20	1553445.58	700157.87	84268.39	219539.01	5486859.05
All India	**37923352.95**	**36150710.41**	**37619306.71**	**31810426.98**	**14313539.22**	**157817336.26**

Source : Department of Agriculture & Farmers Welfare (Agriculture Census 2015-16)

Note: Total may not tally due to rounding off

5.3: Average Size of Holdings by Size Group- 2015-16

(Figures in Hectare)

State/UT	Marginal	Small	Semi-Medium	Medium	Large	All Holdings
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Andaman & Nicobar Islands	0.46	1.48	2.74	4.49	39.53	1.78
Andhra Pradesh	0.40	1.42	2.62	5.49	18.71	0.94
Arunachal Pradesh	0.53	1.27	2.67	5.82	15.59	3.35
Assam	0.42	1.41	2.73	5.17	72.80	1.09
Bihar	0.25	1.25	2.60	5.29	14.48	0.39
Chandigarh	0.43	1.37	2.91	5.40	15.92	1.22
Chhattisgarh	0.43	1.41	2.67	5.67	16.10	1.24
Dadra & Nagar Haveli	0.53	1.34	2.75	5.79	15.68	1.38
Daman & Diu	0.22	1.34	2.71	5.89	13.11	0.36
Delhi	0.45	1.40	2.81	5.72	16.13	1.39
Goa	0.39	1.66	3.25	6.75	28.08	1.10
Gujarat	0.53	1.45	2.76	5.66	14.80	1.88
Haryana	0.49	1.46	2.89	6.07	19.04	2.22
Himachal Pradesh	0.40	1.40	2.71	5.64	15.85	0.95
Jammu & Kashmir	0.33	1.38	2.65	5.41	20.40	0.59
Jharkhand	0.38	1.36	2.72	5.64	15.33	1.10
Karnataka	0.44	1.40	2.67	5.69	15.45	1.36
Kerala	0.12	1.34	2.54	5.32	51.04	0.18
Lakshadweep	0.18	1.21	2.43	5.45	17.53	0.27
Madhya Pradesh	0.49	1.41	2.70	5.67	14.83	1.57
Maharashtra	0.44	1.33	2.59	5.59	16.66	1.34
Manipur	0.53	1.29	2.48	4.89	11.09	1.14
Meghalaya	0.46	1.32	2.73	5.55	16.17	1.29
Mizoram	0.60	1.28	2.29	4.65	12.82	1.25
Nagaland	0.56	1.24	2.68	5.84	14.67	4.87
Odisha	0.57	1.58	2.75	5.55	21.70	0.95
Puducherry	0.29	1.45	2.73	5.60	17.38	0.62
Punjab	0.60	1.40	2.67	5.67	14.85	3.62
Rajasthan	0.48	1.42	2.82	6.10	17.04	2.73
Sikkim	0.41	1.39	2.72	5.68	17.21	1.27
Tamil Nadu	0.35	1.39	2.69	5.59	21.84	0.75
Telangana	0.44	1.40	2.60	5.48	14.22	1.00
Tripura	0.30	1.46	2.65	5.07	14.82	0.49
Uttar Pradesh	0.38	1.39	2.71	5.51	14.98	0.73
Uttarakhand	0.43	1.39	2.68	5.44	26.22	0.85
West Bengal	0.49	1.60	2.74	4.81	361.08	0.76
All India	**0.38**	**1.40**	**2.69**	**5.72**	**17.07**	**1.08**

Source: Department of Agriculture & Farmers Welfare (Agriculture Census 2015-16)

5.4: Estimated Number of Operational Holdings by Size Classes and Irrigation Status- 2015-16

Number of Holdings: '000 Number
Area: '000 Hectare

Size-Class	Wholly Irrigated		Partially Irrigated			Wholly Unirrigated		Total Holdings	
	Number	Area	Number	Area	Irrigated Area	Number	Area	Number	Area
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Marginal	45165	16336	11326	3765	2033	38418	14170	100251	37923
Small	9161	12117	4055	5229	3036	11837	15259	25809	36151
Semi-mediun	4743	12018	2687	6530	3779	6186	14978	13993	37619
Medium	1835	9901	1324	6605	3751	2247	11281	5561	31810
Large	238	3836	208	2804	1427	370	5206	838	14314
All Classes	**61142**	**54208**	**19600**	**24933**	**14026**	**59059**	**60894**	**146454**	**157817**

Source : Department of Agriculture & Farmers Welfare (Agriculture Census 2015-16)

5.5: Area Irrigated by different Source of Irrigation by Size Classes

(Figures in '000 Hectare)

Size Class	Canals	Tanks	Wells	Tubewells	Others	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Marginal	4783	912	2262	7818	1060	16835
Small	3562	558	2891	6232	1021	14263
Semi-medium	3686	433	3219	6629	1028	14995
Medium	3441	259	2728	6001	836	13266
Large	1436	86	817	2485	384	5209
Total	**16908**	**2248**	**11917**	**29165**	**4329**	**64567**

Source : Department of Agriculture & Farmers Welfare (Agriculture Census 2010-11)

Note: The information on area irrigated by different sources is not collected in the latest Agriculture Census 2015-16. Thus, the above figures are as per Agriculture Census 2010-11.

5.6: Irrigated and Un-irrigated Area by Size Classes under different Crops

(Figures in '000 Hectare)

Crops	Irrigated						Un-irrigated					
	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	11063	6510	5796	4477	1673	29519	7467	4891	4000	2435	831	19623
Wheat	7767	5811	6553	6365	2419	28914	1452	909	939	525	156	3980
Other Cereals	1536	1182	1250	1025	442	5435	4259	4824	5089	4300	2036	20507
Total Cereals	20366	13503	13598	11867	4534	63868	13177	10623	10028	7259	3023	44110
Total Pulses	601	841	1121	1343	473	4379	3012	3783	4229	3686	1498	16209
Sugarcane	1128	1171	1133	743	183	4359	108	69	76	37	6	297
Total Oilseeds	1398	1865	2425	2575	1075	9338	2793	4304	4564	3428	887	15975
Total Fibres	641	841	1025	970	375	3852	1539	2719	2540	1612	344	8753
All Crops	**26478**	**20297**	**21387**	**19564**	**7853**	**95578**	**22588**	**23233**	**23496**	**18680**	**8179**	**96176**

Source : Department of Agriculture & Farmers Welfare (Agriculture Census 2015-16)

Note:- All Crops include few more crops other than those listed above, viz., Fruits, Vegetables, Spices Tea, Coffee, Rubber, etc. Paddy includes Paddy of all the seasons.

Totals may not tally due to rounding off

5.7: Usage of Chemical Fertilizers, Farm Yard Manure and Pesticides by major Size Groups

(Area: '000 Hectare)
(Fertilizers/ Manure/ Pesticides: Metric Tonnes)

Size Groups (hectares)		Gross Cropped Area	Area Treated with Fertilizers	Quantity Applied						
				DAP	Urea	Super Phosphate	Ammonium Sulphate	Others		
								N	P	K
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Marginal	I	25173	20465	2399231	5420097	435947	15402	164273	266106	609774
(Below 1.00)	UI	23507	14991	964018	2335685	246717	5126	85691	157777	219615
	T	48681	35456	3363249	7755788	682663	20527	249964	423885	829386
Small	I	22215	20569	1945993	4252730	301873	9883	112862	179086	386744
(1.0-1.99)	UI	22209	15234	987695	1858774	198974	7063	59287	115434	153336
	T	44424	35803	2933691	6111503	500848	16948	172150	294522	540081
Semi-Medium	I	22756	21350	1708572	4594508	251889	6087	118130	195713	380423
(2.0-3.99)	UI	23244	15745	908612	1953345	202569	5427	57133	112382	135144
	T	46000	37094	2617176	6547858	454460	11514	175261	308099	515571
Medium	I	19175	17853	2075122	3254747	217436	5266	108977	126304	198913
(4.0-9.99)	UI	19402	11452	584128	1221054	123406	3068	28225	54345	62488
	T	38217	29305	2659250	4475796	340846	8336	137203	180648	261401
Large	I	6934	6275	495211	1026334	83884	182	7128	12021	36656
(10.0 and above)	UI	8185	3350	124055	288187	28554	468	6455	11066	13250
	T	15118	9625	619266	1314522	112439	650	13583	23085	49910
All Groups	**I**	**96253**	**86512**	**8624130**	**18548427**	**1291029**	**36825**	**511373**	**779231**	**1612516**
	UI	**96187**	**60772**	**3568505**	**7657048**	**800222**	**21151**	**236790**	**451005**	**583835**
	T	**192440**	**147284**	**12192634**	**26205473**	**2091250**	**57977**	**748163**	**1230236**	**2196353**

contd…

5.7: Usage of Chemical Fertilizers, Farm Yard Manure and Pesticides by major Size Groups

(Area: '000 Hectare)
(Fertilizers/ Manure/ Pesticides: Metric Tonnes)

Size Groups (hectares)		Quantity Applied Total N	P	K	Area Treated with Farm Yard Manure	Pesticides	Quantity of Farm Yard Manure Applied
(1)		(11)	(12)	(13)	(14)	(15)	(16)
Marginal	I	3092550	1439505	609774	5232	9378	23075568
(Below 1.00)	UI	1334687	640700	219615	5735	9089	23732036
	T	4427238	2080207	829386	10967	18467	46807604
Small	I	2421434	1122539	386744	3870	8644	20213799
(1.0-1.99)	UI	1093560	601613	153336	4949	8884	18900656
	T	3514997	1724152	540081	8820	17529	39114455
Semi-Medium	I	2540404	1021957	380423	3603	8970	18752460
(2.0-3.99)	UI	1120336	562753	135144	4355	8825	14579986
	T	3660738	1584714	515571	7958	17795	33332446
Medium	I	1980770	1115649	198913	2531	7439	12159974
(4.0-9.99)	UI	695687	342791	62488	2865	5971	8708340
	T	2676453	1458436	261401	5396	13410	20868314
Large	I	568421	253240	36656	626	2914	2208629
(10.0 and above)	UI	161450	72700	13250	889	1942	1479820
	T	729868	325939	49910	1515	4856	3688450
All Groups	**I**	**10603578**	**4952896**	**1612516**	**15862**	**37344**	**76410430**
	UI	**4405719**	**2220551**	**583835**	**18794**	**34712**	**67400838**
	T	**15009301**	**7173448**	**2196353**	**34656**	**72057**	**143811268**

Source : Department of Agriculture & Farmers Welfare (Input Survey 2016-17).
Notes: I - Irrigated, UI - Unirrigated, T - Total of I & UI.
N: Nitrogen, P: Phosphorus, and K: Potassium
Total may not tally due to rounding off.

5.8: Estimated Institutional Credit taken for Agricultural Purposes by Size Groups

('000 Units)

Size Group (Ha)	Total No. of Operational Holdings	Estimated No. of Operational Holdings that took Institutional Credit	No. of Operational Holdings that took Institutional Credit from			
			PACS	PLDB/ SLDB	CBB	RRBB
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Marginal (Below 1.00)	100098	33806	17124	1196	10055	7554
Small (1.0-1.99)	25772	12616	6098	524	4521	2594
Semi-Medium (2.0-3.99)	13963	7153	3636	345	2548	1252
Medium (4.0-9.99)	5538	3068	1694	173	1093	554
Large (10 and Above)	819	437	239	24	180	81
All Groups	**146190**	**57080**	**28792**	**2262**	**18398**	**12035**

Contd..

(In Lakh Rupees)

Size Group (Ha)	Amount of Institutional Credit Taken											
	PACS			**PLDB/ SLDB**			**CBB**			**RRBB**		
	Short Term	Medium Term	Long Term	Short Term	Medium Term	Long Term	Short Term	Medium Term	Long Term	Short Term	Medium Term	Long Term
(1)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Marginal (Below 1.00)	6483475	1272	292	0	1059934	189269	4820510	1569183	474057	2448065	742761	156004
Small (1.0-1.99)	3844259	439	208	0	741588	152139	3155987	1342181	365264	1391765	343974	128517
Semi-Medium (2.0-3.99)	2963835	132	0	0	612487	172448	2715683	1147816	444953	993527	294914	137789
Medium (4.0-9.99)	1816887	15	0	0	416757	154324	1819981	795177	385631	620842	271216	100136
Large (10 & Above)	308581	0	0	0	48697	32759	433633	177398	117992	148016	50161	23511
All Groups	**15417037**	**1858**	**500**	0	**2879462**	**700939**	**12945794**	**5031755**	**1787897**	**5602215**	**1703026**	**545957**

Source: Department of Agriculture & Farmers Welfare (Input Survey 2016-17).

PACS: Primary Agricultural Credit Society, PLDB: Primary Land Development Bank of State Land Development Bank, CBB: Commercial Bank Branch, RRBB: Regional Rural Bank Branch

Total may not tally due to rounding off.

5.9: Total Institutional Credit taken for Agricultural Purposes by different Size-Groups

(In Lakh Rupees)

Size Group (Ha)	Amount of Institutional Credit Taken				Short Term Loans			
	Short Term Loans	Medium Term Loans	Long Term Loans	Total	Value of the Quantity of Fertilizer Given	Value of the Quantity of Other Inputs	Given in Cash	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Marginal (Below 1.00)	13752050	3373150	819622	17944822	1612319	869829	11269903	13752050
Small (1.0-1.99)	8392012	2428182	646128	11466322	1086480	528083	6777450	8392012
Semi-Medium (2.0-3.99)	6673044	2055348	755189	9483582	785825	426471	5460748	6673044
Medium (4.0-9.99)	4257710	1483165	640092	6380967	510623	281246	3465841	4257710
Large (10 & Above)	890230	276255	174263	1340748	98835	72398	718997	890230
All Groups	**33965047**	**9616101**	**3035293**	**46616440**	**4094082**	**2178027**	**27692938**	**33965047**

Source : Department of Agriculture & Farmers Welfare (Input Survey 2016-17)

Note:-Total may not tally due to rounding off

5.10: Estimated Number of Rural Households, Agricultural Households and Indebted Agricultural Households during the agricultural year July 2018-June 2019

State	Estimated Number of Rural Households ('00)	Estimated Number of Agricultural Households ('00)	% of Agricultural Households to Rural Households	Estimated Number of Agricultural Households having loan ('00)	% of Agricultural Households indebted	Average monthly income (Rs) per Agricultural Household
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Andhra Pradesh	94612	31587	33.4	29430	93.2	10480
Arunachal Pradesh	2207	1524	69.1	191	12.5	19225
Assam	57990	30999	53.5	9617	31.0	10675
Bihar	157985	70123	44.4	27804	39.7	7542
Chhattisgarh	44705	29851	66.8	9307	31.2	9677
Gujarat	66027	40369	61.1	17147	42.5	12631
Haryana	31054	19062	61.4	9061	47.5	22841
Himachal Pradesh	14848	10280	69.2	3005	29.2	12153
Jammu & Kashmir	16875	12557	74.4	4011	31.9	18918
Jharkhand	50275	28080	55.9	7116	25.3	4895
Karnataka	77586	42501	54.8	28748	67.6	13441
Kerala	44240	14667	33.2	10257	69.9	17915
Madhya Pradesh	109597	72738	66.4	35173	48.4	8339
Maharashtra	134755	72941	54.1	39390	54.0	11492
Manipur	3732	2412	64.6	497	20.6	11427
Meghalaya	4964	3647	73.5	333	9.1	29348
Mizoram	1029	764	74.2	61	8.0	17964
Nagaland	2402	1918	79.9	116	6.0	9877
Odisha	81576	48153	59.0	29452	61.2	5112
Punjab	35170	14671	41.7	7976	54.4	26701
Rajasthan	95126	70378	74.0	42455	60.3	12520
Sikkim	984	652	66.3	69	10.6	12447
Tamil Nadu	97694	25825	26.4	16813	65.1	11924
Telangana	48996	26557	54.2	24363	91.7	9403
Tripura	6982	2893	41.4	1380	47.7	9918
Uttrakhand	14595	9844	67.4	4585	46.6	13552
Uttar Pradesh	271468	177583	65.4	74493	41.9	8061
West Bengal	152691	66890	43.8	34012	50.8	6762
UTs	2261	897	39.7	247	27.5	18511
All India	**1724433**	**930935**	**54.0**	**467196**	**50.2**	**10218**

Source : Situation Assessment Survey of Agricultural Households (Jan-Dec 2019), National Statistical Office(NSO)

* Separate estimates for the newly formed States of Telangana and Andhra Pradesh are provided in place of erstwhile State of Andhra Pradesh

Notes;

1 Reference period for Indebtedness is "as on the date of survey"

2 Indebtedness relates to all kind of outstanding loans irrespective of the purpose for which taken

3.Data pertains to Visit 1.

5.11: Indebtedness of Agricultural Households(all-India) in Different Size Classes of Land Possessed

Land Possessed (hectare)	Estimated Number of Agricultural Households (lakh)	% to Total in each Class	Estimated Number of Indebted Agricultural Households (lakh)	% distribution of indebted Agricultural Households	% of Indebted Agricultural Households	Average Outstanding Loan Amount (₹)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
< 0.01	5.70	0.61	2.20	0.5	38.5	26883
0.01-0.40	318.61	34.22	130.03	27.8	40.8	33220
0.41-1.00	331.48	35.61	160.57	34.4	48.4	51933
1.01-2.00	164.83	17.71	94.56	20.2	57.4	94498
2.01-4.00	80.37	8.63	56.01	12.0	69.7	175009
4.01-10.00	26.46	2.84	20.97	4.5	79.3	326766
10 & above	3.49	0.37	2.84	0.6	81.4	791132
All India	**930.94**	**100.00**	**467.20**	**100.0**	**50.2**	**74121**

Source: Situation Assessment Survey of Agricultural Households (Jan-Dec 2019), National Statistical Office(NSO)

1 Reference period for land possession and Indebtedness is "as on the date of survey"

2 Indebtedness relates to all kind of outstanding loans irrespective of the purpose for which taken

3 Data pertains to visit 1

5.12: Incidence of Indebtedness in Major States

State	Estimated Number of Indebted Agricultural Households('00)	% to Total Indebted Agricultural Households	% Share in Total Foodgrains in 2022-23	
			Area	Production
(1)	(2)	(3)	(4)	(5)
1. Uttar Pradesh	74493	15.9	15.4	17.4
2. Maharashtra	39390	8.4	8.6	5.1
3. Rajasthan	42455	9.1	11.4	7.2
4. Andhra Pradesh**	29430	6.3	2.8	3.7
5. West Bengal	34012	7.3	4.6	5.7
6. Karnataka	28748	6.2	5.9	4.3
7. Bihar	27804	6.0	4.7	5.6
8. Madhya Pradesh	35173	7.5	13.8	12.7
9. Odisha	29452	6.3	3.9	2.8
10. Telangana**	24363	5.2	4.3	5.9
11. Punjab	7976	1.7	5.1	9.2
12. Other States/UTs	93900	20.1	19.6	20.5
All India	**467196**	**100.0**	**100.00**	**100.00**

Source : Situation Assessment Survey of Agricultural Households (Jan-Dec 2019), National Statistical Office(NSO) for Col-2 and 3 and E&S Division, DA&FW for Col-4 and 5

**Separate estimates for the newly formed States of Telangana and Andhra Pradesh are provided in place of erstwhile State of Andhra Pradesh

Note: Reference period for Indebtedness is "as on the date of survey"

5.13: The percentage distribution of indebted agricultural households by size class of land possessed for selected States

State	% of Marginal Indebted Agricultural Households (upto 1.0 ha of land)	% of Small Indebted Agricultural Households (1.01 to 2.00 ha)	% of Semi-Medium Indebted Agricultural Households (2.01 to 4.00 ha)	% of Medium Indebted Agricultural Households (4.01 to 10.00 ha)	% of Large Indebted Agricultural Households (>10.00 ha)
(1)	(2)	(3)	(4)	(5)	(6)
1. Uttar Pradesh	77.5	13.9	6.6	1.9	0.1
2. Maharashtra	40.3	30.3	20.2	8.2	1.1
3. Madhya Pradesh	45.0	27.9	17.5	8.8	0.9
4. Rajasthan	47.1	24.8	17.2	9.8	1.2
5. Karnataka	47.9	26.2	18.1	7.2	0.5
6. Andhra Pradesh*	52.1	24.5	18.1	3.6	1.6
7. Telangana*	40.3	30.9	21.5	6.9	0.5
8. Bihar	83.8	11.7	4.1	0.2	0.2
9. West Bengal	93.8	5.1	1.0	0.1	0.0
10. Punjab	47.8	18.6	18.6	13.6	1.4
11. Odisha	72.7	20.0	6.1	1.1	0.1
All India	62.7	20.2	12.0	4.5	0.6

Source : Situation Assessment Survey of Agricultural Households (Jan-Dec 2019), National Statistical Office(NSO)

*Separate estimates for the newly formed States of Telangana and Andhra Pradesh are provided in place of erstwhile State of Andhra Pradesh

Notes:

1 Reference period for land possession and Indebtedness is "as on the date of survey"

2 Indebtedness relates to all kind of outstanding loans irrespective of the purpose for which taken

3 Data pertains to Visit 1

5.14: List of Studies Conducted by Agro-Economic Research Centers

2016-17

1.	Documentation of Success Stories of Food Processing Units in Karnataka.	ADRT, Bangalore
2.	Assessment of the Impact of Neem Coated Urea on Production, Productivity and Soil Health in Karnataka.	ADRT, Bangalore
3.	Farmers Suicides: Causes and Policy Prescriptions in Karnataka.	ADRT, Bangalore
4.	Sustainability of Self-help and Joint-liability Group Institutions under Micro-finance.	CMA, Ahmedabad
5.	Demand, Supply and Consumption of milk and milk products during the 11thFive year Plan and projections for 12th Five year Plan and its cost effective procurement at farm gate (Consolidated)	IEG, Delhi
6.	Pilot Project to Ascertain the use of Diesel for Irrigation.	IEG, Delhi
7.	Evaluation of Market Intervention Scheme (MIS) and PSS (Consolidated)	IEG, Delhi
8.	Estimation of losses to the pulses by blue-bulls in Uttar Pradesh.	Allahabad
9.	Farmers Suicides: Causes and Policy Prescriptions in Uttar Pradesh.	Allahabad
10.	Impact study on agricultural extension services to farmers by Agri-Clinics & Agri-Business Centres (ACABC) Scheme in Allahabad.	Allahabad
11.	Assessment of the Impact of Neem Coated Urea on Production, Productivity and Soil Health in Bihar	Bhagalpur
12.	Evaluation and Assessment of economic losses on account of inadequate Post Harvest Infrastructure Facilities for Fisheries Sector in Tamil Nadu.	Chennai
13.	Evaluation and Assessment of economic losses on account of inadequate Post Harvest Infrastructure Facilities for Fisheries Sector in Kerala.	Chennai
14.	Impact of Emerging Marketing Channels in Agriculture: Benefit to Producer Seller and Marketing Costs and Margins of Banana and Potato Crops in Tamil Nadu	Chennai
15.	Evaluation and Assessment of economic losses on account of inadequate Post Harvest Infrastructure Facilities for Fisheries Sector in India (Consolidated)	Chennai
16.	Farmers Suicides: Causes and Policy Prescriptions in Tamil Nadu	Chennai
17.	Farmers Suicides: Causes and Policy Prescriptions in Kerala	Chennai
18.	Farmers Suicides: Causes and Policy Prescriptions in Haryana.	Delhi

19.	Economic Analysis of Cost & Return of off season vegetables with focus on green house effect in Uttarakhand.	Delhi
20.	Assessment of the Impact of Neem Coated Urea on Production, Productivity and Soil Health in Madhya Pradesh	Jabalpur
21.	Farmers Suicides: Causes and Policy Prescriptions in Madhya Pradesh.	Jabalpur
22.	Farmers Suicides: Causes and Policy Prescriptions in Chhattisgarh.	Jabalpur
23.	Assessment of the Impact of Neem Coated Urea on Production, Productivity and Soil Health in Assam.	Jorhat
24.	Impact of SHC on Production, Productivity and Soil Health in Assam.	Jorhat
25.	Assessment of the Impact of Neem Coated Urea on Production, Productivity and Soil Health in Punjab.	Ludhiana
26.	Farmers Suicides: Causes and Policy Prescriptions in Punjab.	Ludhiana
27.	Farmers Suicides: Causes and Policy Prescriptions in Maharashtra	Pune
28.	Assessment of the Impact of Neem Coated Urea on Production, Productivity and Soil Health in Maharashtra	Pune
29.	Economic Analysis of Cost & Return of off season vegetables with focus on green house effect in Himachal Pradesh.	Shimla
30.	Economic Analysis of Cost & Return of off season vegetables with focus on green house effect in Jammu and Kashmir.	Shimla
31.	Farmers Suicides: Causes and Policy Prescriptions in Gujarat.	V.V. Nagar
32.	Assessment of the status of dairying in the eastern states and potential to improve socio economic status of the milk producers and convergence of all central and state schemes at District Level in Gujarat.	V.V. Nagar
33.	Assessment of the status of dairying in the eastern states and potential to improve socio economic status of the milk producers and convergence of all central and state schemes at District Level in Rajasthan.	V.V. Nagar
34.	Working and Impact of Pressurized Irrigation Network System (PINS) in Rajasthan.	V.V. Nagar
35.	Working and Impact of Pressurized Irrigation Network System (PINS) in Gujarat.	V.V. Nagar,
36.	Evaluation and Assessment of economic losses on account of inadequate Post Harvest Infrastructure Facilities for Fisheries Sector in West Bengal.	Visva Bharati
37.	Farmers Suicides: Causes and Policy Prescriptions in West Bengal.	Visva Bharati
38.	A study on Productivity and Profitability in Agriculture and Horticulture in Eastern Himalayan Region.	Visva Bharati
39.	A study on indigenous rice varieties in Sundarban delta and their role in ensuring local food security in the face of climate threats.	Visva Bharati

40.	Evaluation and impact of mechanization on agri. Growth, comparative economics of labour and machinery in Agriculture in Odisha.	Vishakhapatnam
41.	Farmers Suicides: Causes and Policy Prescriptions in Andhra Pradesh.	Vishakhapatnam
42.	Farmers Suicides: Causes and Policy Prescriptions in Telangana	Vishakhapatnam
43.	Assessment of crop-wise marketable and marketed surplus of food grains and post harvest losses in A.P.	Vishakhapatnam

2017-18

1.	A decision-oriented information system for farmers- through Kisan Call Centre (KCC) and Kisan Knowledge Management System (KKMS). (Consolidated)	CMA, Ahmedabad
2.	A decision-oriented information system for farmers- through Kisan Call Centre (KCC) and Kisan Knowledge Management System (KKMS) in Gujarat.	CMA, Ahmedabad
3.	Assessment of the Impact of Neem Coated Urea on Production, Productivity and Soil Health in India.	ADRT, Bangalore
4.	Farmers Suicides: Causes and Policy Prescriptions in India(Consolidated)	ADRT, Bangalore
5.	Supply Chain of Litchi Marketing / Processing in Bihar and India (Consolidated)	IEG, Delhi
6.	Relationship between wholesale prices, retail prices, export prices(FOB), prices realized by farmers and details of contributing factors for the price difference for important commodities (Consolidated)	IEG, Delhi
7.	Assessment of the status of dairying in the eastern states and potential to improve socio economic status of the milk producers and convergence of all central and state schemes at District Level in Eastern Uttar Pradesh.	Allahabad
8.	Impact study on agricultural extension services to farmers by Agri-Clinics & Agri-Business Centres (ACABC) Scheme (Consolidated)	Allahabad
9.	Impact of SHC on Production, Productivity and Soil Health in Bihar	Bhagalpur
10.	Assessment of the status of dairying in the eastern states and potential to improve socio economic status of the milk producers and convergence of all central and state schemes at District Level in Bihar.	Bhagalpur
11.	Assessment of the status of dairying in the eastern states and potential to improve socio economic status of the milk producers and convergence of all central and state schemes at District Level in Jharkhand.	Bhagalpur
12.	Dynamics and Revival of Fallow lands in Jharkhand.	Bhagalpur
13.	Assessment on Performance of Indigenous versus Imported Seedlings of Oil Palm in Tamil Nadu.	Chennai
14.	Problem and Prospects of Production of Small Millets and their value added products.	Jabalpur
15.	Impact of Soil Health Card (SHC) on Production, Productivity and Soil Health in Madhya Pradesh.	Jabalpur
16.	Assessment of the status of dairying in the eastern states and potential to improve socio economic status of the milk producers and convergence of all central and state schemes at District Level in Chhattisgarh.	Jabalpur

17.	Dynamics and Revival of Fallow lands in Madhya Pradesh.	Jabalpur
18.	Impact study on agricultural extension services to farmers by Agri-Clinics & Agri-Business Centres (ACABC) Scheme in Assam.	Jorhat
19.	A decision-oriented information system for farmers- through Kisan Call Centre (KCC) and Kisan Knowledge Management System (KKMS) in Assam.	Jorhat
20.	Assessment of the status of dairying in the eastern states and potential to improve socio economic status of the milk producers and convergence of all central and state schemes at District Level in Assam.	Jorhat
21.	Impact of SHC on Production, Productivity and Soil Health in Punjab	Ludhiana
22.	A decision-oriented information system for farmers- through Kisan Call Centre (KCC) and Kisan Knowledge Management System (KKMS) in Punjab.	Ludhiana
23.	Status and Utilization pattern of Input Subsidies in Punjab Agriculture.	Ludhiana
24.	Impact study on agricultural extension services to farmers by Agri-Clinics & Agri-Business Centres (ACABC) Scheme in Maharashtra.	Pune
25.	Working and Impact of Pressurized Irrigation Network System (PINS) in Maharashtra.	Pune
26.	Impact of SHC on Production, Productivity and Soil Health in Maharashtra	Pune
27.	Dynamics and Revival of Fallow lands in Maharashtra.	Pune
28.	A decision-oriented information system for farmers- through Kisan Call Centre (KCC) and Kisan Knowledge Management System (KKMS) in Maharashtra.	Pune
29.	An economic analysis of protected cultivation under MIDH in Himachal Pradesh.	Shimla
30.	An economic analysis of protected cultivation under MIDH in Jammu and Kashmir.	Shimla
31.	Economic Analysis of Cost and Return of off-Season Vegetables with focus on Poly House Effect (consolidated)	Shimla
32.	An Economic Analysis of Protected Cultivation under MIDH in Himalayan States (consolidated)	Shimla
33.	Working and Impact of Pressurized Irrigation Network System (PINS) (Consolidated)	Vallabh Vidhya Nagar
34.	An Economic Analysis of Protected Cultivation under MIDH in Sikkim	Visva Bharati
35.	Economic Analysis of Cost and Return of off-Season Vegetables with focus on Poly House Effect in Sikkim.	Visva Bharati
36.	Assessment of the status of dairying in the eastern states and potential to improve socio economic status of the milk producers and convergence of all central and state schemes at District Level in West Bengal.	Visva Bharati
37.	Impact of National Food Security Mission (NFSM) on Input use, Production, Productivity and Income for Rice in Andhra Pradesh.	Waltair
38.	Performance of Indigenous and Imported Seedlings of Oil Palm in Andhra Pradesh.	Waltair

39.	Impact Study on Agricultural Extension Services to Farmers by Agri-Clinics & Agri-Business Centres (ACABC Scheme)- A Case Study of Telangana	Waltair
40.	Adoption of recommended doses of fertilizer on soil test basis by farmers for Rice and Cotton in A.P.	Waltair
41.	Working of Pressurized Irrigation Network Systems (PINS) in Telangana	Waltair

2018-19

1.	Performance evaluation of Pradhan Mantri Fasal Bima Yojana (PMFBY) (Consolidated)	CMA, Ahmedabad
2.	Farmers' Participation in India's Futures Markets: Exploring Direct and Indirect Benefits(Non-Coordinated)	CMA, Ahmedabad
3.	Production, Markets and Trade: Analysis of factors affecting pulse production in India	CMA, Ahmedabad
4.	Impact of National Food Security Mission (NFSM) on Input use, Production, Productivity and Income NFSM & non-NFSM districts(Consolidated)	ADRT, Bangalore
5.	Assessment on Performance of Indigenous versus Imported Seedlings of Oil Palm (Consolidated)	ADRT, Bangalore
6.	Assessment on Performance of Indigenous versus Imported Seedlings of Oil Palm in Karnataka.	ADRT, Bangalore
7.	Adoption of recommended doses of fertilizer on soil test basis by farmers(Consolidated)	ADRT, Bangalore
8.	Performance evaluation of Pradhan Mantri Fasal Bima Yojana (PMFBY) in Karnataka.	ADRT, Bangalore
9.	Food Inflation at National and State level-Trend and Determinants	IEG, Delhi
10.	Sources of growth in agriculture and its impact for employment and poverty in India. (Non-Coordinated)	IEG , Delhi
11.	Employment Scenario in Food Processing Sector with focus on women.	IEG , Delhi
12.	e-NAM: A review of performance and prospects.	IEG , Delhi
13.	Dynamics and Revival of Fallow lands (Consolidated)	IEG , Delhi
14.	Performance evaluation of Pradhan Mantri Fasal Bima Yojana (PMFBY) in Uttar Pradesh.	AERC, Allahabad
15. .	An Analysis of Supply Chain of Maize Marketing and Possibility of its Value Addition in Bihar.	AERC, Bhagalpur
16.	Performance evaluation of Pradhan Mantri Fasal Bima Yojana (PMFBY) in Bihar.	AERC, Bhagalpur
17.	Performance evaluation of Pradhan Mantri Fasal Bima Yojana (PMFBY) in Madhya Pradesh	AERC, Jabalpur
18.	Impact of Trade Policy Changes on Agricultural Sector of Maharashtra with special focus on edible oils.	AERC, Pune

19.	Performance evaluation of Pradhan Mantri Fasal Bima Yojana (PMFBY) in Maharashtra.	AERC, Pune
20. .	Village study of Malana of District Shimla in Himachal Pradesh.	AERC, Shimla
21.	Performance evaluation of Pradhan Mantri Fasal Bima Yojana (PMFBY) in Himachal Pradesh	AERC, Shimla
22.	Performance evaluation of Pradhan Mantri Fasal Bima Yojana (PMFBY) in West Bengal.	AERC, Visva-Bharati,
23.	Rural Livelihood Diversification in West Bengal	AERC, Visva-Bharati,
24.	Performance evaluation of Pradhan Mantri Fasal Bima Yojana (PMFBY) in Gujarat.	AERC, V.V Nagar
25.	Solarisation of Agricultural Water Pumps in Rajasthan and Gujarat	AERC, V.V Nagar
26.	Assessment of the status of dairying in the eastern states and potential to improve socio economic status of the milk producers and convergence of all central and state schemes at District Level (Consolidated)	AERC, V.V Nagar
27.	An Analysis of Supply Chain of Maize Marketing and Possibility of its Value Addition in Odisha.	AERC, Waltair
28.	Comparative economics and determinants of coffee in Odisha and Andhra Pradesh.	AERC, Waltair
29.	Assessment of the status of dairying in the eastern states and potential to improve socio economic status of the milk producers and convergence of all central and state schemes at District Level in Odisha.	AERC, Waltair

2019-20

1.	A decision-oriented information system for farmers- through Kisan Call Centre (KCC) and Kisan Knowledge Management System (KKMS) in Karnataka.	ADRT, Bangalore
2.	Impact Evaluation of Farm Debt Waiver Scheme on Farmers' Livelihood in Uttar Pradesh.	Allahabad
3.	Strategies to Bridge Yield Gap of Major Crops in Bundelkhand Agro-Climatic Region of Uttar Pradesh.	Allahabad
4.	Assessment of Livestock Feed and Fodder in the State of Uttar Pradesh.	Allahabad
5.	Dynamics and Revival of Fallow lands in Kerala.	Chennai
6.	Problems and Prospects of procurement, value addition and marketing of coconut : The cases of Kerala and Lakshadweep.	Chennai
7.	Performance evaluation of Pradhan Mantri Fasal Bima Yojana (PMFBY) in Uttarakhand.	Delhi
8.	Performance evaluation of Pradhan Mantri Fasal Bima Yojana (PMFBY) in Assam.	Jorhat
9.	Jhuming to Farming as an Alternative way of Livelihood among the Tribal's of Tripura.	Jorhat
10.	Impact Evaluation of Farm Debt Waiver Scheme on Farmers Livelihood in Punjab.	Ludhiana
11.	Impact Evaluation of Farm Debt Waiver Scheme on Farmers Livelihood in India.	Ludhiana

12.	Impact of Hail Protection Mechanism on Apple Crop in Himachal Pradesh-A Case Study of Shimla District.	Shimla
13.	Assessment of Livestock Feed and Fodder in Gujarat and Rajasthan.	VV Nagar

List of studies completed during 2020-21

S.No.	Name of the Study	Centre/Unit
1.	Sugarcane Transportation Cost and Harvesting Cost in Uttar Pradesh	Allahabad
2.	Village survey study in Uttar Pradesh. (Khatangiya Village)	Allahabad
3.	Improving Water Use Efficiency in India's Agriculture:The Impact, Benefits and Challenges of Micro-Irrigation under the Pradhan Mantri Krishi Sinchayee Yojna: Per Drop More Crop (PMKSY-PDMC) in Uttar Pradesh	Allahabad
4.	Relevance and Distribution Efficiency of Seed Minikits in Pulses in Bihar	Bhagalpur
5.	Extent of erosion into farm profitability due to Market imperfections in Bihar	Bhagalpur
6.	Assessment of Feed and Fodder in Kerala	Chennai
7.	Village survey study in Tamilnadu (Palakurichi: A Resurvey (2019))	Chennai
8.	Assessment of Livestock Feed and Fodder in Haryana	Delhi
9.	Sugarcane Transportation and Harvesting Cost	Delhi
10.	Relevance and Distribution Efficiency of Seed Mini-Kits of Pulses in Madhya Pradesh	Jabalpur
11.	Strategies to Bridge Yield Gap of Major Crops in Bundelkhand Agro-Climatic Region in Madhya Pradesh	Jabalpur
12.	Strategies to Bridge Yield Gap of Major Crops in Bundelkhand Agro-Climatic Region (Consolidated Study)	Jabalpur
13.	Improving Water Use Efficiency in India's Agriculture:The Impact, Benefits and Challenges of Micro-Irrigation under the Pradhan Mantri Krishi Sinchayee Yojna: Per Drop More Crop (PMKSY-PDMC) in Madhya Pradesh	Jabalpur
14.	Market Imperfections and Farm Profitability in Madhya Pradesh	Jabalpur
15.	Market analysis for Bamboo Products in Assam	Jorhat
16.	The Extent of Erosion into Farm Profitability due to Market Imperfections in Punjab	Ludhiana
17.	Village Survey Study in Punjab	Ludhiana
18.	Assessment of ratio of different products/forms of Spices being marketed: Study based on Ginger and Turmeric (consolidated)	Pune
19.	Village Survey Study in Maharashtra (Gulumb Village)	Pune
20.	Seed mini-kits of pulses and other crops- its relevance and application/ distribution efficiency in Rajasthan	VV Nagar
21.	A Market Imperfections and Farm Profitability in Gujarat	VV Nagar
22.	Improving Water Use Efficiency in India's Agriculture: The Impact, Benefits and Challenges of Micro-Irrigation under the Pradhan Mantri Krishi Sichai Yojana: Per Drop More Crop (PMKSY-PDMC) in Sikkim	Visva-Bharti
23.	Assessment of feed and fodder in the state of West Bengal	Visva-Bharti
24.	Improving Water Use Efficiency in India's Agriculture: The Impact, Benefits and Challenges of Micro-Irrigation under the Pradhan Mantri	Waltair

Krishi Sinchayee Yojana: Per Drop More Crop (PMKSY-PDMC) in Telangana State

List of studies completed during 2021-22

S. No.	Name of the Study	
1.	Village Survey Study in Bihar	**Bhagalpur**
2.	Village Survey Study	**Delhi**
3.	Village Survey Study in Madhya Pradesh	**Jabalpur**
4.	Village Survey Study in Assam	**Jorhat**
5.	Socio Economic Transformation of Reang primitive tribal group through Rubber plantation in Tripura	**Jorhat**
6.	Seed mini-kits of pulses and other crops- its relevance and application/ distribution efficiency in Maharashtra	**Pune**
7.	Improving Water Use Efficiency in India's Agriculture: The Benefits, Impact and Challenges of Micro Irrigation under the Pradhan Mantri Krishi Sinchayee Yojana: Per Drop More Crop (PMKSY-PDMC) in Maharashtra	**Pune**
8.	Village Survey Study in Gujarat (Moti Khandol Village, Kheda District)	**VV Nagar**
9.	Village Survey Study in Rajasthan- Naurangdeshar village, Sriganganagar/ Hanumagarh District	**VV Nagar**
10.	Village Survey Study in West Bengal	**Visva-Bharati**
11.	The extent of erosion into farm profitability due to market imperfections in Andhra Pradesh	**Waltair**
12.	Evaluation of Zero Budget Natural Farming initiatives in Andhra Pradesh & Telangana	**Waltair**
13.	Village Survey Study in Andhra Pradesh	**Waltair**
14.	Understanding the performance and impact of Farmers Producers Organisation (FPOs)– Case studies across states and promoters in India	**IIM-Ahmedabad**
15.	The Performance and Impact of Micro Irrigation in Improving Water Use Efficiency in India's Agriculture: Study of the Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) - Per Drop More Crop (PDMC)	**IIM-Ahmedabad**
16.	Assessing the impact of the e-NAM Initiative linking APMC Markets: Evidence from Villages	**IIM-Ahmedabad**
17.	Assessment Of Livestock Feed And Fodder In All States/ Uts – An All India Study	**ISEC-Bengaluru**
18.	Assessment Of Livestock Feed And Fodder In Karnataka	**ISEC-Bengaluru**
19.	Seed Minikits of Pulses Program Relevance and Distribution Efficiency in Karnataka	**ISEC-Bengaluru**
20.	Seed mini-kits of pulses and other crops- its relevance and application/ distribution efficiency (Consolidated Study)	**ISEC-Bengaluru**
21.	Functioning of Direct Benefit Transfer (DBT) in Fertilizer at Retail Point	**ISEC-Bengaluru**

22.	Village Survey Study in Karnataka	**ISEC-Bengaluru**
23.	The extent of erosion into farm profitability due to market imperfections (Consolidated Study)	**IEG Delhi**
24.	Future Market for Agricultural commodities in India	
25.	Requirement and availability of cold chain for fruits and vegetables in the country	**IEG Delhi**
26.	An investigation of policy environment for price support in pulses and oilseeds.	**IEG Delhi**

List of studies completed during 2022-23 (as on 31.03.2023)

S. No.	Name of the Study	
1.	The Impact of Pradhan Mantri Kisan Samman Nidhi Scheme on Farm Income of Beneficiaries in Uttar Pradesh	**Allahabad**
2.	Estimating and Bridging the Yield Gaps in Oilseeds for Atma Nirbhar Bharat	**Delhi**
3.	Farmers Perception regarding Production and Marketing of Quality Seed Production in Madhya Pradesh	**Jabalpur**
4.	Role of Women in Agricultural Sector-Case of Maharashtra	**Pune**
5.	Castor Crop Cultivation in Gujarat: Problems, Prospects and Export Potential	**VV Nagar**
6.	Identification of nodal markets for price monitoring	**IEG Delhi**

List of Studies Completed by AERCs/Us during 2023-24 (as on 31.03.2024)

S.No.	Name of the Study	
1.	Mechanization in Agriculture: Assessment of Skill Development Gap and Adoption of Labor Saving Technologies	**Ahmedabad**
2.	Self Sufficiency in Pulses Production in India': An analysis - Based on successful performance of pulse production and its export from Myanmar	**Ahmedabad**
3.	Assessing Skill Gap in Micro Irrigation across India	**Ahmedabad**
4.	Mechanization in Agriculture: Assessment of Skill Development Gap and Adoption of Labor Saving Technologies	**Ahmedabad**
5.	Supply Chain of Makhana Marketing and Processing in Bihar	**Bhagalpur**

The above mentioned Studies by Agro Economic Research Centres/Units can be accessed through the following links:

S. No.	AERC/ AERU	Hyperlink
1	Institute of Economic Growth, University Enclave, Delhi	http://iegindia.org/AERU-Studies
2	IIM-Ahmedabad	http://iimahd.ernet.in/faculty-and-research/research-centers/cma/reports
3	Institute of Social and Economic Change, Bengaluru	http://www.isec.ac.in/adrtc-projects.htm#projects-completed
4	AERC, University of Allahabad	http://www.allduniv.ac.in/index.php?option=com_k2&view=itemlist&layout=category&task=category&id=291&Itemid=1857
5	AERC, Tilka Manjhi, Bhagalpur University	http://www.aercbhagalpur.org/
6	AERC, University of Madras	http://www.unom.ac.in/index.php?route=academic/aerc
7	AERC, University of Delhi	http://www.du.ac.in/du/index.php?page=agricultural-economics-research-centre
8	AERC, Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur	http://aerc.jnkvv.org/aerc/AERC_Home.aspx
9	AERC, Assam Agriculture University, Jorhat	http://14.139.222.145/classified/agro_econ_2012_3.html
10	AERC, Ludhiana	http://www.aercpau.com/
11	AERC, Pune	http://gipe.ac.in/AERC/
12	AERC, Himachal Pradesh University, Shimla	http://aercshimla.in/
13	AERC, S.P. University, Vallabh Vidyanagar	http://spuvvn.edu/academics/academic_centres/agro_economic_centre/research_studies/
14	AERC, Waltair, Andhra Pradesh	http://www.andhrauniversity.edu.in/arts/agroeconomic/research.html
15	AERC, Visva-Bharati, Santiniketan	http://www.visva-bharati.ac.in/InstitutionsCentresSchools/Contents/AERC-DETAIL/AERC-REPORTS.htm

6

World Agricultural Statistics

6.1: Area, Production and Yield of Principal Crops in various Countries in 2021

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

Country	Area	Production	Yield	Production (%)
(1)	(2)	(3)	(4)	(5)
1. Paddy				
World	**166311**	**789045**	**4744**	**100.00**
China, mainland	29921.2	212843	7113	26.97
India	**46278.68**	**194200**	**4196**	**24.61**
Bangladesh	11701	56383	4819	7.15
Indonesia	10412	54415	5226	6.90
Viet Nam	7220	43853	6074	5.56
Thailand	11165	32978	2954	4.18
Myanmar	7043	27438	3896	3.48
Philippines	4805	19960	4154	2.53
Pakistan	3537	13984	3953	1.77
Cambodia	3498	12207	3490	1.55
2. Wheat				
World	**220425**	**772779**	**3506**	**100.00**
China, mainland	23568.4	136946	5811	17.72
India	**31125**	**109587**	**3521**	**14.18**
Russian Federation	27918	76061	2724	9.84
United States of America	15032	44804	2981	5.80
France	5277	36559	6928	4.73
Ukraine	7099	32183	4533	4.16
Australia	12643	31923	2525	4.13
Pakistan	9168	27464	2996	3.55
Canada	9199	22422	2437	2.90
Germany	2939	21459	7302	2.78
3. Maize				
World	**205694**	**1207996**	**5873**	**100.00**
United States of America	34527	382893	11090	31.70
China, mainland	43324	272552	6291	22.56
Brazil	18984	88272	4650	7.31
Argentina	8147	60526	7430	5.01
Ukraine	5482	42110	7682	3.49
India	**9892**	**31647**	**3199**	**2.62**
Mexico	7140	27503	3852	2.28
Indonesia	2988	17017	5696	1.41
South Africa	3118	16951	5436	1.40
France	1549	15358	9912	1.27
4. Pulses				
World	**94149**	**89651**	**952**	**100.00**
India	**33910**	**25726**	**759**	**28.70**
China, mainland	2617	4792	1831	5.35
Canada	3429	4292	1252	4.79
Nigeria	5191	4280	825	4.77
Russian Federation	2009	3839	1911	4.28
Australia	2385	3770	1581	4.20
Myanmar	3818	3624	949	4.04
Ethiopia	1644	3128	1902	3.49
Brazil	2645	2913	1102	3.25
United Republic of Tanzania	1669	1982	1187	2.21

contd.

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

Country	Area	Production	Yield	Production (%)
(1)	(2)	(3)	(4)	(5)
5. Sugarcane				
World	**25775**	**1861933**	**72239**	**100.00**
Brazil	9971	715679	71773	38.44
India	**4851**	**405399**	**83566**	**21.77**
China, mainland	1128	106664	94585	5.73
Pakistan	1260	88651	70341	4.76
Thailand	1485	66725	44923	3.58
Mexico	809	55248	68264	2.97
Colombia	346	33969	98291	1.82
Indonesia	449	32200	71714	1.73
Australia	362	25775	71137	1.38
United States of America	378	29790	78712	1.60
6. Groundnut (excluding shelled)				
World	**32652**	**54490**	**1669**	**100.00**
China, mainland	4805	18308	3810	33.60
India	**6015**	**10244**	**1703**	**18.80**
Nigeria	3702	4228	1142	7.76
United States of America	623	2885	4630	5.30
Sudan	3936	2355	598	4.32
Myanmar	1186	1711	1443	3.14
Senegal	1214	1678	1382	3.08
Argentina	402	1267	3154	2.33
Guinea	789	907	1150	1.66
Chad	754	798	1058	1.46

Source : FAOSTAT (as on 29.03.2024).

6.2: India's Position in World Agriculture in 2021

Item	India	World	% Share	India's Rank	Next to
(1)	(2)	(3)	(4)	(5)	(6)
1. Area (Million Hectares)					
Total Area	328.73	13500.32	2.43	Seventh	Russian Federation, Canada, U.S.A., China, Brazil, Australia
Land Area	297.32	13031.20	2.28	Seventh	Russian Federation, China, U.S.A.,Canada, Brazil, Australia
Arable Land	155.37	1387.17	11.20	Second	U.S.A.
2. Population (Million)					
Total	1396.39	7840.95	17.81	Second	China
Rural	900.10	3416.49	26.35	First	
3. Crop Production (Million Tonnes)					
(A) : Total Cereals	342.11	3006.63	11.38	Third	China, U.S.A
Wheat	107.86	756.95	14.25	Second	China
Rice (Paddy)	186.50	769.23	24.25	Second	China
(B): Pulses	23.32	90.10	25.88	First	
(C): Oilseeds					
Groundnut (excluding shelled)	9.95	53.79	18.50	Second	China
Rapeseed	2.52	25.18	10.01	Fourth	Canada, Germany, China
(D): Commercial Crops					
Sugarcane	371	1865	19.87	Second	Brazil
Tea	5.48	27.20	20.16	Second	China
Coffee (green)	0.32	10.80	2.96	Ninth	Brazil, Vietnam, Colombia, Indonesia, Ethiopia, Honduras, Uganda, Peru
Jute	1.70	3.51	48.42	Second	Bangladesh
Tobacco Unmanufactured	0.77	5.81	13.18	Second	China
4. Fruits & Vegetables Production (Million Tonnes)					
(A): Vegetables Primary	135.29	1138.74	11.88	Second	China
(B): Fruits Primary	106.97	899.56	11.89	Second	China
(C): Potatoes	48.56	371.14	13.08	Second	China
(D): Onion (Dry)	26.09	104.56	24.95	First	
5. Livestock (Million Heads)					
(A): Cattle	194.93	1523.29	12.80	Second	Brazil
(B): Buffaloes	109.74	201.18	54.55	First	
(C): Camels	0.22	38.66	0.58	Twenty first	Chad, Somalia, Sudan, Kenya, Niger, Ethiopia, Mauritania, Mali, Pakistan, Saudi Arabia, U.A.E, Mongolia, Yemen, Algeria, China, Eritrea, Nigeria, Oman, Tunisia, Kazakhstan
(D): Sheep	75.60	1264.09	5.98	Second	China
(E): Goats	150.63	1115.29	13.51	First	
(F): Chickens	824.33	25562.87	3.22	Seventh	China, Indonesia, U.S.A, Brazil, Pakistan, Iran
6. Dairy Products (Million Tonnes)					
(A): Milk Total	210.19	914.48	22.99	First	
(B): Eggs (Primary) Total	6.71	93.34	7.19	Second	China
(C): Meat, Total	4.52	137.03	3.30	Fifth	China, U.S.A, Brazil, Russian Federation

Source : FAOSTAT (as on 29.03.2024).

6.3(a): Fertiliser Consumption per Hectare of Agricultural Land in Selected Countries

(Kg)

Continent/Country	2020				2021			
	N	P_2O_5	K_2O	Total	N	P_2O_5	K_2O	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Africa								
Egypt	339.4	56.0	21.8	417.1	328.9	19.4	31.0	379.3
Morocco	6.9	3.5	2.2	12.6	3.8	4.5	2.2	10.5
South Africa	5.5	2.0	2.8	10.4	8.4	2.7	2.8	14.0
America								
North America								
Canada	51.4	19.7	15.5	86.6	47.8	18.1	14.2	80.1
USA	29.2	9.3	11.2	49.7	27.5	8.1	9.4	45.0
Latin America and the Caribbean								
Brazil	22.7	24.5	28.3	75.5	25.7	29.3	33.4	88.4
Chile	21.0	12.5	10.4	43.9	23.0	13.5	15.7	52.2
Mexico	17.2	4.7	3.8	25.7	17.0	4.9	3.9	25.9
Asia								
Bangladesh	140.5	90.9	46.1	277.4	152.3	111.1	45.3	308.7
China, Main	45.5	21.9	19.7	87.1	43.3	22.2	15.7	81.3
India	**114.3**	**50.3**	**17.7**	**182.2**	**108.9**	**43.9**	**14.2**	**166.9**
	(94.4)	**(41.5)**	**(14.6)**	**(150.6)**	**(89.9)**	**(36.2)**	**(11.7)**	**(137.9)**
Indonesia	48.8	20.0	29.2	98.0	51.2	22.1	37.7	111.0
Japan	76.0	68.8	44.8	189.6	74.9	64.1	53.5	192.5
Rep. of Korea	218.9	84.1	218.3	521.3	229.1	91.0	257.4	577.5
Malaysia	55.5	36.3	110.1	201.9	49.3	36.6	154.2	240.1
Myanmar	40.8	17.1	16.2	74.1	28.4	7.1	9.1	44.6
Nepal	25.5	14.5	3.7	43.8	34.7	13.6	0.0	48.3
Pakistan	101.0	33.0	1.9	135.8	105.6	29.6	2.0	137.2
Sri Lanka	60.5	20.8	37.9	119.1	32.8	8.5	30.1	71.4
Thailand	60.2	20.6	24.4	105.2	54.9	20.6	26.1	101.6
Turkey	54.6	20.2	3.0	77.6	46.9	16.6	4.0	67.6
Vietnam	110.6	55.5	55.2	221.3	116.2	51.8	43.9	211.9
Europe								
Belarus	55.8	12.2	55.5	123.5	52.4	11.8	52.3	116.5
Denmark	94.0	13.0	22.0	129.0	78.0	10.8	23.7	112.5
France	56.6	14.7	16.8	88.0	63.4	11.2	13.0	87.5
Germany	76.3	11.6	26.9	114.7	72.3	9.8	21.4	103.5
Netherlands	107.6	5.1	27.1	139.8	102.4	5.1	27.1	134.6
Poland	70.5	23.5	38.6	132.6	64.8	20.7	34.5	120.0
Russian Fedn.	14.4	5.2	3.6	23.2	12.5	5.0	3.8	21.3
Spain	37.9	16.7	17.0	71.6	30.0	13.1	13.2	56.4
Ukraine	44.5	8.8	7.5	60.8	46.4	10.3	8.3	64.9
UK	58.8	9.9	15.4	84.1	50.1	6.4	11.4	68.0
Oceania								
Australia	4.4	2.8	1.0	8.1	5.3	3.2	1.0	9.4
New Zealand	43.5	33.0	15.4	91.9	39.2	32.4	14.5	86.1
World	**23.5**	**10.2**	**8.5**	**42.2**	**22.8**	**10**	**8**	**40.8**

Source : Fertiliser Statistics - 2022-23, The Fertiliser Association of India, New Delhi.

Notes:

1. Data for Agricultural Land is for the year 2014.
2. Figures in parentheses indicate fertiliser consumption per hectare of Gross Cropped Area (GCA).
3. Data for GCA pertain to 2018-19

6.3(b): Fertiliser Consumption per Hectare of Arable Land and Land under Permanent Crops in Selected Countries

(Kg)

Continent/Country	2020				2021			
	N	P_2O_5	K_2O	Total	N	P_2O_5	K_2O	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Africa								
Egypt	339.4	56.0	21.8	417.1	328.9	19.4	31.0	379.3
Morocco	22.4	11.4	7.2	41.0	12.5	14.7	7.0	13.3
South Africa	42.6	15.7	22.1	80.4	65.2	21.1	22.1	108.4
America								
North America								
Canada	76.4	29.3	23.0	128.8	70.9	26.9	21.0	118.8
USA	73.9	23.5	28.3	125.8	69.6	20.5	23.8	113.9
Latin America and the Caribbean								
Brazil	82.7	89.6	103.4	275.7	93.2	106.2	121.2	320.7
Chile	127.6	75.9	63.1	266.6	134.3	79.2	91.6	305.1
Mexico	73.0	19.9	16.1	109.0	72.2	20.8	16.6	109.7
Asia								
Bangladesh	149.5	96.7	49.0	295.3	161.9	118.2	48.2	328.2
China, Main	185.4	89.1	80.2	354.7	176.4	90.5	64.0	330.9
India	**121.4**	**53.4**	**18.8**	193.6	**115.7**	**46.6**	**15.1**	177.3
	(94.4)	**(41.5)**	**(14.6)**	**(150.6)**	**(89.9)**	**(36.2)**	**(11.7)**	**(137.9)**
Indonesia	58.9	24.1	35.2	118.3	61.7	26.7	45.4	133.8
Japan	81.4	73.7	47.9	203.0	80.2	68.7	57.3	206.3
Rep. of Korea	226.7	87.2	226.1	540.0	237.4	94.3	57.3	206.3
Malaysia	57.4	37.6	113.8	208.8	51.0	37.9	159.5	248.4
Myanmar	42.4	17.7	16.8	76.9	29.5	7.4	9.4	46.3
Nepal	45.2	25.7	6.6	77.6	61.5	24.0	0.0	85.6
Pakistan	116.9	38.2	2.2	157.2	122.5	34.4	2.3	159.2
Sri Lanka	71.7	24.6	44.9	141.2	38.9	10.0	35.7	84.6
Thailand	62.3	21.3	25.3	109.0	56.9	21.3	27.0	105.2
Turkey	88.7	33.0	5.0	126.6	76.1	27.0	6.6	109.7
Vietnam	116.7	58.5	58.2	233.4	122.6	54.7	46.3	223.6
Europe								
Belarus	80.2	17.6	79.9	177.6	74.8	16.9	74.8	166.5
Denmark	102.7	14.2	24.1	141.0	85.6	11.9	26.0	123.5
France	85.2	22.1	25.2	132.5	95.5	16.8	19.5	131.8
Gemany	106.7	16.2	37.6	160.5	101.1	13.7	30.0	144.8
Netherlands	187.3	8.9	47.1	243.4	178.4	8.9	47.2	234.5
Poland	90.0	30.0	49.3	169.4	82.0	26.2	43.6	151.8
Russian Fedn.	25.1	9.1	6.3	40.5	21.9	8.7	6.6	37.1
Spain	59.5	26.3	26.7	112.5	47.4	20.7	20.9	89.0
Ukraine	54.4	10.7	9.2	74.3	56.7	12.6	10.1	79.4
UK	168.3	28.4	44.2	240.9	142.5	18.2	32.5	193.2
Oceania								
Australia	50.5	31.6	11.4	93.5	60.6	36.3	11.5	108.4
New Zealand	735.8	558.4	259.4	1,553.1	578.4	478.1	213.6	1,270.1
World	**71.3**	**31.0**	**25.7**	**128.0**	**69.1**	**30.3**	**24.3**	**123.7**

Source : Fertiliser Statistics - 2022-23, The Fertiliser Association of India, New Delhi.

Notes:

1. Figures in parentheses indicate Fertiliser consumption per hectare of Gross Cropped Area (GCA).
2. Data for GCA pertain to 2018-19

6.4: Area under organic cultivation in selected countries

(In thousand hectare)

S.No.	Country/Year	2004	2005	2010	2014	2015	2016	2017	2018	2019	2020	2021
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	World	21 891.6	29 211.1	35 803.8	45 307.1	50 967.8	57714.1	69540.8	71116.6	72236.7	75138.8	76666.4
2	Asia	211.8	2 837.1	3 271.4	4 412.7	4 483.4	5 426.2	6 665.4	6980.7	6462.9	6534.3	6863.4
3	Oceania	12 077.0	11 763.0	11 785.2	18 525.4	22 838.5	27 311.2	35 815.7	35 929.5	35881.2	35907.6	35944.5
4	Africa	624.2	952.9	1 023.6	1 263.1	1 682.5	1 800.6	2 031.7	2 006.8	2123.6	2280.9	2654.7
5	Europe	5 764.2	6 567.8	9 545.1	11 208.0	12 198.4	12884.1	13785.4	14654.5	15712.1	16570.1	17571.3
6	Americas	3 214.4	7 090.4	10 178.5	9 897.9	9 765.0	10292.1	11242.5	11545.1	12056.9	13845.9	13632.5
7	Australia	12 077.0	11 716.0	11 641.7	18 340.0	22 690.0	27 145.0	35 645.0	35 687.8	35687.8	35687.8	35687.8
8	Argentina	2 646.0	2 682.0	4 144.0	3 016.0	3 064.0	2 844.0	3 180.0	3 617.0	3631.0	4400.0	4074.8
9	China		2 301.3	1 393.0	1 930.9	1 616.5	2 287.5	3 029.5	3143.8	2225.5	2445.8	2765.5
10	Spain	561.5	622.8	1 434.0	1 663.2	1 968.5	2 018.8	2 082.2	2 246.5	2354.9	2437.9	2799.2
11	Uruguay		759.0	931.0	1 307.4	1 307.4	1 657.0	1 882.2	2 147.1	2143.6	2742.4	2741.9
12	France	534.1	550.5	845.4	1 119.0	1 323.0	1 537.0	1 744.4	2 035.0	2241.0	2517.0	2776.0
13	United States of America		1 640.8	1 949.0	2 178.5	2 029.3	2 031.3	2 031.3	2 023.4	2326.6	2326.6	2326.6
14	Italy	954.0	1 067.0	1 114.0	1 388.0	1 493.0	1 796.0	1 909.0	1 958.0	1993.0	2095.0	2187.0
15	**India**		**185.9**	**780.0**	**720.0**	**1 180.0**	**1 490.0**	**1 780.0**	**1 938.2**	**2299.2**	**2657.9**	**2657.9**
16	Canada	542.0	578.9	703.7	904.0	944.5	1 099.0	1 191.7	1 311.6	1321.1	1417.6	1215.6
17	Germany	767.9	807.4	990.7	1 048.0	1 088.8	1 135.5	1 138.3	1 221.3	1290.8	1592.7	1582.0
18	Brazil		842.0	932.1	750.0	750.0	750.0	1 136.9	1 188.3	1283.1	1319.5	1482.4
19	Austria	460.8	479.8	543.6	525.0	552.1	571.4	620.7	639.1	671.7	680.0	680.8
20	Turkey	210.0	204.0	510.0	842.0	515.0	524.0	543.0	627.0	546.0	383.0	352.0

Source : World Food And Agriculture Statistical Yearbook 2023

6.5 (a): Calculated data for CH_4 emissions (in kilotonnes) from Rice Cultivation in Select Countries

Country/Region/Group	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
United States of America	512.03	370.67	379.46	349.71	415.44	364.73	438.66	336.26	412.18	350.85	422.94	352.40
European Union (27)	235.64	236.65	224.49	211.87	210.21	214.49	219.21	217.29	205.38	206.32	210.71	201.34
India	4524.55	4645.70	4513.11	4658.99	4656.25	4580.25	4559.14	4620.79	4661.15	4608.99	4757.59	4895.77
China, mainland	5246.67	5278.92	5292.98	5323.65	5323.32	5406.59	5399.92	5400.13	5302.17	5214.45	5282.95	5255.06
Russian Federation	56.25	58.02	53.65	52.91	54.75	55.69	57.07	51.98	50.45	53.39	54.86	52.17
Australia	5.96	23.87	32.48	35.80	24.16	21.94	8.39	25.89	19.26	2.40	1.58	14.20
Japan	341.58	334.93	335.97	337.01	334.51	330.35	326.40	323.70	305.61	305.61	303.95	291.89
Malaysia	121.29	123.01	122.48	120.17	109.96	121.94	123.23	122.66	125.24	120.25	115.39	115.52
Myanmar	1253.73	1184.19	1093.75	1088.11	1075.07	1059.41	1052.29	1087.03	1118.85	1083.10	1068.86	1022.98
Republic of Korea	187.34	179.30	178.33	174.85	171.26	167.86	163.53	158.49	154.91	153.26	152.55	153.82
Thailand	1908.41	1912.30	1912.32	1868.74	1705.71	1554.25	1716.80	1714.47	1702.99	1569.39	1663.60	1798.32
South-eastern Asia	9080.63	9102.64	9087.34	9074.21	8827.49	8619.17	8573.20	8760.92	8882.44	8498.94	8567.36	8625.49
OECD	1313.65	1175.87	1187.25	1142.55	1189.58	1135.15	1193.31	1096.22	1137.31	1058.67	1133.00	1054.72
World	24384.00	24456.01	24376.25	24572.26	24373.78	24066.02	24223.98	24496.59	24479.00	23977.17	24375.12	24506.16

Source:FAOSTAT

6.5 (b): Calculated data for CH_4 emissions (in kilotonnes) from Burning-Crop Residues in Select Countries

Country/Region/ Group	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
United States of America	112.60	113.82	119.09	117.50	113.49	110.99	116.45	108.88	108.51	107.35	108.49	111.70
European Union (27)	49.29	51.79	53.18	53.28	53.29	52.46	50.89	49.10	48.55	50.83	50.11	51.53
India	124.80	129.13	128.10	131.80	132.17	130.78	132.41	132.05	131.23	129.76	134.71	138.69
China, mainland	161.27	164.43	168.69	172.31	174.33	196.28	194.07	188.98	187.26	183.61	183.70	188.84
Russian Federation	26.44	31.46	28.50	31.79	33.13	35.44	37.30	37.29	35.27	36.81	38.84	38.26
Australia	15.86	15.40	15.95	14.98	14.54	14.30	13.15	14.27	12.80	12.10	11.40	14.48
Canada	12.29	12.67	14.09	15.30	13.69	13.94	13.51	13.50	14.53	14.35	14.62	13.74
Indonesia	29.44	28.50	28.68	28.42	28.23	27.94	28.53	31.86	32.96	26.32	28.26	25.69
Japan	2.70	2.66	2.67	2.67	2.66	2.63	2.60	2.58	2.45	2.45	2.44	2.36
Malaysia	1.04	1.05	1.05	1.03	0.94	1.04	1.05	1.05	1.07	1.02	0.99	0.99
Myanmar	13.32	12.72	11.89	11.92	11.86	11.71	11.68	12.02	12.40	12.05	11.97	11.70
New Zealand	0.11	0.11	0.11	0.10	0.11	0.10	0.10	0.09	0.09	0.09	0.09	0.10
Republic of Korea	1.38	1.32	1.32	1.29	1.26	1.24	1.21	1.17	1.14	1.13	1.13	1.14
Thailand	22.63	23.07	23.10	22.79	21.27	19.95	21.16	21.21	21.93	20.61	21.64	22.56
South-eastern Asia	101.75	101.48	101.85	101.44	99.41	97.35	98.83	103.00	105.01	95.82	98.44	96.81
OECD	217.38	216.64	226.36	225.97	220.44	216.86	220.18	211.65	208.60	206.20	207.32	214.31
World	959.67	989.34	1006.86	1031.94	1028.45	1042.39	1054.40	1060.89	1048.45	1044.11	1063.94	1085.91

Source:FAOSTAT

6.6: Water Stress(%) in selected countries (2010–2020)

S.No.	Country/Year	2000	2005	2010	2013	2014	2015	2016	2017	2018	2019	2020
(1)	(2)	(3)	(4)	(5)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	India	62.7	64.6	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
2	Kuwait	1911.9	2380.5	2889.8	3195.3	3297.2	3399	3575	3850.5	3850.5	3850.5	3850.5
3	United Arab Emirates	1555.9	1866.7	1781.5	1788.6	1773.4	1696.4	1679.3	1630	1667.3	1628.7	1587.3
4	Saudi Arabia	819.8	894.8	914.5	894.2	894.7	948.9	929.6	956	974.2	974.2	974.2
5	Libya	615.4	698.1	783.1	817.1	817.1	817.1	817.1	817.1	817.1	817.1	817.1
6	Qatar	282.6	374.1	409.9	431.4	434.7	431	432.4	431	431	431	431
7	Uzbekistan	153.1	141	143.1	144.3	144.7	158.1	156.4	168.9	168.9	168.9	168.9
8	Yemen	161.1	169.8	169.8	169.8	169.8	169.8	169.8	169.8	169.8	169.8	169.8
9	Turkmenistan	127.9	143.6	144.1	143.6	143.6	144.7	144.9	148.7	138.5	142.8	135.2
10	Algeria	79.3	92.5	104.9	115.2	120.6	126	129.9	137.9	137.9	137.9	137.9
11	Bahrain	248.9	196.4	173.1	159.1	154.4	137.2	133.7	133.7	133.7	133.7	133.7
12	Syrian Arab Republic	134.2	126	125.2	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4
13	Pakistan	105.9	109.8	113.7	112.6	119.5	120.8	122.6	122.7	118.2	108.7	116.3
14	Tunisia	66	72.9	79.1	86.9	89.4	92.0	94.6	89.5	96.0	96.3	98.1
15	Sudan	-	-	-	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7
16	Egypt	103.9	119.2	134.4	113.3	110.6	110.9	110.5	141.2	141.2	141.2	141.2
17	Oman	92.9	91.1	107.1	116.7	116.7	116.7	116.7	116.7	116.7	116.7	116.7
18	Israel	139.2	121.3	115.6	105.5	102.1	98.9	103.4	103.6	95.9	100.4	110.1
19	Jordan	82.6	95.9	98.9	99.8	107.4	96.2	100.1	100.4	102.2	104.3	104.3
20	Sri Lanka	91.2	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
21	Barbados	101.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
	World	17.5	17.9	17.9	-	18.2	18	18.2	18.3	18.3	18.4	18.2

Source : World Food And Agriculture Statistical Yearbook 2023

Water stress is the ratio between total freshwater withdrawn by all major sectors and total renewable freshwater resources, after taking into account environmental water requirements.

Appendices

Appendix-I

Cost of Cultivation/Production Estimates

The Cost of Cultivation/ Production estimates used in the Publication are generated by the Cost Study Section of Economics, Statistics & Evaluation Division through Comprehensive Scheme for studying Cost of Cultivation of Principal Crops in India. The Scheme was initiated in 1970-71 on the recommendation of a technical committee on indices of input cost appointed by Government of India.The Scheme envisages collection of representative data on inputs and outputs in physical and monetary terms on a comparable and comprehensive basis following a well-designed scientific sampling methodology which has been designed by the Expert Committees and is reviewed from time to time by the Committees set up for the purpose. Present sampling design is a three-stage stratified random sampling, with tehsils as first stage units, a cluster of villages as second stage units and an operational holding in a cluster as the ultimate stage unit. For the purpose of drawing the sample, each State is divided into different agro-climatic zones based on climate, soil type, cropping pattern, etc. The field data are collected on the Cost Accounting Method by the IAs from 8100 sample operational holdings spread over 19 states. Daily entries of debit/credit for the expenditure/income are made in order to assess the total cost/benefit incurred/accrued to each farmer covered under the scheme.

2. The scheme presently covers major 25 crops(Paddy, Wheat, Jowar, Bajra, Maize, Ragi, Barley, Moong, Urad, Arhar, Gram, Lentil, Groundnut, Rapeseed & Mustard, Nigerseed, Safflower, Soyabean, Sunflower, Sesamum, Cotton, Jute, Sugarcane, Onion, Potato and Coconut) and these crops are selected for a block period of three years. The Cost of Cultivation/ Production Estimates being generated with the data collected under the scheme are used as an important input by CACP while recommending MSP of various crops. Apart from this, the data is also used by MoSPI for preparation of National Accounts Statistics. Marketed Surplus Ratio (MSR) which is required for various policy decisions is also compiled from this data.

3. Presently, the scheme is being implemented in 19 States through 16 Universities/Colleges also known as State Implementing Agencies (IAs). Funds are released to IAs through Grant-in-Aid. The Grants-in-Aid are meant for meeting the salary, allowances and office expenses of the Implementing Agency staff working in CS scheme.

Appendix-II

Explanatory Note

Advance Estimates

During an agriculture year, Ministry of Agriculture and Farmers Welfare releases three advance estimates of area, production and yield, based on the data received from State Agricultural Statistical Authorities (SASAs). These estimates are "advance" in the sense that these have been prepared in advance of availability of results of CCE (Crop Cutting Experiments) and are subject to revision as more precise information flows over times from states to this Ministry.

Yield

Yield rate is defined as production per unit of area. However, yield rates of various crops given in this publication may not exactly tally with the ratio of production to the corresponding area because figures of area and production of various crops have been generally rounded off in ten thousands.

Principal Crops

Principal Crops as referred to in this publication include only those crops which are covered for preparation of index numbers. The details of these crops are given in Appendix III.

Nine Oilseeds

Wherever "Nine oilseeds" is mentioned in this publication, it includes Castor seed, Groundnut, Linseed, Nigerseed, Safflower, Sesamum, Soyabean, Sunflower and Rapeseed & Mustard.

Methodology of Index Numbers of Area, Production and Yield

Base Year

The Directorate of Economics and Statistics (DES) had adopted Triennium Ending (T.E.) 1981-82 as base year for the purpose of Index Numbers of Area, Production and Yield in Agriculture until 1999-2000. In 2000-2001, it was decided to adopt T.E. 1993-94 as a way of updating the base to a recent year and keep it in harmony with the other series of indices such as Index of Industrial Production, Wholesale Price Index and the series of National Accounts Statistics. Since area and production in agriculture can fluctuate a great deal from year to year, the average of area/ production over the TE 1993-94 was taken as the base year.

It was observed that the base year 1993-94 used for construction of index numbers of Area, Production and Yield of crops has become outdated and stressed on the need for updating of the base year at regular intervals preferably in consonance with the base year revisions of other important indices.

As the period 2005-06 to 2007-08 remained normal from agriculture point of view and the price data available with CSO was for the year 2006-07 which could be used as mid period price for assessment of contribution in value terms for preparation of weighting diagram, it has been considered appropriate to take more recent base, i.e., (TE 2007-08 = 100) as the base for agricultural indices.

Weighting Diagram

The weight of a commodity for the production index is taken as the average production of the commodity in the T.E. 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 jth year.

a_{io} - the area under i^{th} crop in base year period.
p_{ij} - production of ith crop in the jth year.
p_{io} - production of ith crop in base year period.
w_i - weight of ith crop.

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

(a) Index number of area $= \frac{a_{ij}}{a_{io}} \times 100 = IA_{ij}$

I. Index number of production $= \frac{P_{ij}}{P_{io}} \times 100 = IP_{ij}$

(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 $= \frac{\sum_{i \in G} wi\ IA_{ij}}{\sum_{i \in G} wi}$.

b) Index number of production $= \frac{\sum_{i \in G} wi\ IP_{ij}}{\sum_{i \in G} wi}$.

c) Index number of yield $= \frac{\text{Index number of production X 100}}{\text{Index number of area}}$

Appendix-IV

Glossary of English, Botanical and Hindi Names of Important Crops

Crop/ Group of Crops	English	Botanical	Hindi
(1)	(2)	(3)	(4)
Cereals	Bara(Bulrush or spiked millet)	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 (Pigion pea)	Cajanus cajan	Tur,Arhar
	Soyabean	Glucine max	Soyabean
Sugar	Sugarcane	Saccharum Officinarum	Ganna
Fruits	Apple	Malus sylvespris	Seb
	Apricot	Prunus armeniaca	Khoobani
	Cashewnut	Anaardium occidentale	Kaju
	Fig	Ficus carica	Anjeer
	Grape	Vitis vinifera	Angur
	Guvava	Psidium guajava	Amrood
	Jackfruit	Artocarpur heterophyllus	Katahal
	Lemon	Citrus Lemon	Nimbu
	Lime	Citrus Urantifolia	Bara Nimbu
	Litchi	Litchi chinensis	Litchi
	Mango	Magnifera indica	Aam
	Orange Mandar	Citrus reticulata	Santara, Narangi
	Papaya	Carica papaya	Papeeta
	Pear	Pyrus communis	Naspati
	Pineapple	Ananas comosus	Ananas
	Banana	Musa paradisiaca	Kela
	Pomegranate	Punica granatum	Anaar
	Sweet Orange	Citrus sincensis	Malta, Mosambi

Crop/ Group of Crops	English	Botanical	Hindi
(1)	(2)	(3)	(4)
Vegetables	Ash gourd	Benincasa hispida	Petha
	Beet	Beta vulgaris	Chukandar
	Bitter gourd	Momordica charantia	Karela
	Bottle gourd	Lagenaria siceraria	Lauki
	Brinjal	Lolanum melongena	Baingan
	Cabbage	Brassica oleracca var, Capitata	Band gobi
	Carrot	Daucus carota	Gajar
	Cauliflower	Brassica oleracca var Botrytis	Phul gobi
	Cowpea	Vigna unguiculate	Lobia
	Cucumber	Cucumis satius	Kheera
	French bean	Phaseolus vulgaris	Faras bean
	Indian flat bean or sem	Dolichos lablab	Sem
	Kaol Khol	Brassica oleracea var, Gongylodes	Ganth gobi
	Lady's finger	Abelmoschus esculentus	Bhindi
	Little gourd	Cuccinia cordifolia	Kundur
	Musk melon	Cucumis melo	Kharbooza
	Onion	Allium cepa	Piyaz
	Pointed gourd	Trichosanthes dioica	Parwal, Potal
	Potato	Solanum tuberosum	Aaloo
	Pumpkin	Curcurbita moschata	Sitaphal, Lal Kaddu, Kumbhra
	Radish	Raphanus satius	Muli
	Round gourd of India	Citrullus vulgaris var, fistulosus	Tinda
	Snap melon	Cucumis melovvar, momordica	Phoot
	Snake gourd	Trichosanthes anguina	Chachinda
	Tomato	Lycopersicon escen lentum	Tamatar
	Turnip	Brassica rapa	Shalgam
	Water melon	Cirtrullus vulgaris	Tarbooz
Drugs and Narcotics			
	Betal Leave	Piper betle L.	Paan
	Betalnut(arecanut)	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	Kalimirch
	Cardamom, Cardamum (lesser)	Elettaria cardamomum	Chhoti Ilaichi
	Chillies	Capsicum annuum	Lalmirch

Appendix-V

Crop Calendar of Major Crops

States/UTs	Period	Kharif Paddy	Rabi Paddy	Summer Paddy	Kharif Bajra	Rabi Bajra	Summer Bajra	Rabi Wheat
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Andhra Pradesh	Sowing	May-June	Nov-Dec	March-April	Jun-Jul	Nov (M)-Dec (M)	Jan	
	Harvesting	Nov-Dec	Mar-April	July-Aug.	Sept-Oct	Feb-March	April	
Assam	Sowing	Feb-March	June-July	Nov-Dec				Nov(B)-Dec(M)
	Harvesting	June-July	Nov-Dec	May-June				Mar(E)-Apr(E)
Bihar	Sowing	Jun-July.	Oct-Nov	Feb.-March				Nov(B)-Dec(E)
	Harvesting	Sep-Oct	April-May	July-Aug.				Mar(E)-Apr(E)
Chhattisgarh	Sowing	Jun-July.						
	Harvesting	Oct-Nov						
Goa	Sowing	May-June						
	Harvesting	Sept-Oct.						
Gujarat	Sowing	June-July			Jun(M)-Jul(M)	Oct (E)-Oct (M)	Feb(M)-Mar(E)	Nov(B)-Dec(B)
	Harvesting	Oct-Nov			Sep(M)-Oct(M)	Feb (E)-Feb (M)	May(M)-June(E)	Feb(E)-Mar(E)
Haryana	Sowing	June-July			Jul(E)-Jul(M)			Oct(E)-Jan(M)
	Harvesting	Sept-Nov.			Sep(E)-Sep(L)			Apr(B)-May(B)
Himachal Pradesh	Sowing	May-June						Oct(B)-Dec(E)
	Harvesting	October						Apr(M)-Jun(E)
Jammu & Kashmir	Sowing	April-May						Oct(B)-Dec(E)
	Harvesting	Sept-Oct.						Apr(E)-Jun(E)
Jharkhand	Sowing	Jun-July.	Oct-Nov	Feb.-March				
	Harvesting	Sept-Oct.	April-May	July-Aug.				
Karnataka	Sowing	May-June	Sept-Oct.	Jan.-Feb.	June(L)-July(M)		Jan(E)-Jan (M)	Oct(M)-Nov(E)
	Harvesting	Sept-Oct.	Jan.-Feb	May-June	Sep(L)-Oct(M)		Apr(L)-May(E)	Feb(B)-Mar(E)
Kerala	Sowing	April-May	Sept-Oct.	Dec-Jan.				
	Harvesting	Sept-Oct.	Dec-Jan.	March-April				
Madhya Pradesh	Sowing	June-July			Jul(E)-Jul(L)		Feb(L)-Mar(E)	Nov(B)-Dec(E)
	Harvesting	Oct-Nov			Oct(E)-Oct(L)		Jun(E)-June(M)	Feb(E)-Mar(M)
Maharashtra	Sowing	June-July			Jun(L)-Jul(E)		Jan(L)-Feb (E)	Nov(M)-Dec(E)
	Harvesting	Oct-Nov			Sep(L)-Oct(E)		May(E)-May(M)	Feb(B)-Mar(E)
Manipur	Sowing	May-June		Feb.-March				
	Harvesting	Sept-Oct.		June-July				
Odisha	Sowing	May-June	June-July	Dec-Jan.				Nov-Dec.
	Harvesting	Sept-Oct.	Nov-Dec	April-May				Mar-Apr
Punjab	Sowing	May-July			Jul(M)-Aug (E)			Oct(E)-Dec(M)
	Harvesting	Oct-Nov			Oct(M)-Oct(L)			Apr(M)-May(B)
Rajasthan	Sowing	June-July			Jun(L)-Jul(M)		Feb(M)-Mar(E)	Oct(E)-Dec(E)
	Harvesting	Oct-Nov			Sep(L)-Oct(M)		May(L)-June(M)	Mar(B)-April(E)
Tamil nadu	Sowing	Mar-April	Sept-Oct.	Jan.-Feb.	Jun(M)-Jul(M)	Sep (M)- Oct (M)	Feb (M)-Mar (M)	
	Harvesting	June-July	Jan.-Feb	May-June	Sep(M)-Oct(M)	Dec (M)- Jan (M)	May (M)-June (M)	
Telangana	Sowing	June-July	Nov-Dec		March-April			
	Harvesting	Nov-Dec	Mar-April		July-Aug			
Uttar Pradesh	Sowing	June-July	Nov-Dec		Jul(E)-Jul(M)		Mar (E)-Mar (M)	Nov(E)-Jan(E)
	Harvesting	Sept-Nov	April-May		Oct(E)-Oct(M)		May (L)-June (E)	Mar(M)-Apr(E)
Uttarakhand	Sowing	May-June		March-April				
	Harvesting	Sept-Oct.		Aug-Sept				
West Bengal	Sowing	April-May		Nov-Dec				Nov(B)-Dec(E)
	Harvesting	Aug-Nov		April-May				Mar(B)-Apr(B)
All India	Sowing	May-Aug	Dec-Jan.		Jun-Jul		Jan-Feb	Oct-Jan
	Harvesting	Sep-Jan	April-May		Sep-Nov		Apr-May	Feb-Jun

Appendix-V(contd.)

States	Period	Early duration Arhar/Tur	Mid early duration Arhar/Tur	Medium duration Arhar/Tur	Long duration Arhar/Tur
(1)	(2)	(3)	(4)	(5)	(6)
Andhra Pradesh	Sowing	June(M)-June (E)	July (B)-July (M)	July (B)-July (M)	-
	Harvesting	Nov (B)- Nov (M)	Dec (M)-Dec(E)	Jan (B) - Jan (M)	-
Karnataka	Sowing	June(M)-June (E)	July (B)-July (M)	July (B)-July (M)	-
	Harvesting	Nov (B)- Nov (M)	Dec (M)-Dec(E)	Jan (B) - Jan (M)	-
Maharashtra	Sowing	June(M)-June (E)	July (B)-July (M)	July (B)-July (M)	-
	Harvesting	Nov (B)- Nov (M)	Dec (M)-Dec(E)	Jan (B) - Jan (M)	-
Rajasthan	Sowing	June(B)-June (M)	-	-	-
	Harvesting	Nov (B)-Nov(M)	-	-	-
Uttar Pradesh	Sowing	June(B)-June (M)	-	-	Jul(B)-July(M)
	Harvesting	Nov.(B) – Nov(M)	-	-	April(B)-April(M)
Tamil Nadu	Sowing	June(M)-June (E)	July (B)-July (M)	July (B)-July (M)	-
	Harvesting	Nov. (B)- Nov (M)	Dec (M)-Dec(E)	Jan (B) - Jan (M)	-
Gujarat	Sowing	June(M)-June (E)	July (B)-July (M)	July (B)-July (M)	-
	Harvesting	Nov (B) - Nov(M)	Dec(M)-Dec (E)	Jan (B) - Jan (M)	-
Bihar	Sowing	June(B)-June (M)	-	-	Jul(B)-July(M)
	Harvesting	Nov.(B) – Nov(M)	-	-	April(M)-April(E)
Madhya Pradesh	Sowing	June(M)-June (E)	July (B)-July (M)	July (B)-July (M)	-
	Harvesting	Nov(B)-NOV (M)	Dec(M)-Dec (E)	Jan (B) - Jan (M)	-
Uttarakhand	Sowing	May(M)-June (M)		-	-
	Harvesting	Nov. (B)- Nov(M)	-	-	-
Odisha	Sowing	June(B)-June (M)	-	July (B)-July (M)	-
	Harvesting	Nov. (B)- Nov(M)	-	Jan (B) - Jan (M)	-
Haryana	Sowing	June(B)-June (M)	-	-	-
	Harvesting	Oct (M)- Oct(E)	-	-	-
Punjab	Sowing	June(B)-June (M)	-	-	-
	Harvesting	Oct (M)- Oct(E)	-	-	-
Jharkhand	Sowing	June(B)-June (M)	-	July (B)-July (M)	July (B)- July (M)
	Harvesting	Nov. (B)- Nov(M)	-	Jan (B) - Jan (M)	March(M)-April(B)
Chhattisgarh	Sowing	June(B)-June (M)	-	July (B)-July (M)	-
	Harvesting	Nov(B)-Nov (M)	-	Jan (B) - Jan (M)	-
Tripura	Sowing	June(B)-June (M)	-	-	-
	Harvesting	Nov. (B)- Nov(M)	-	-	-
Nagaland	Sowing	June(B)-June (M)	-	-	-
	Harvesting	Nov (B)- Nov(M)	-	-	-
All India	Sowing	May(M)-June (M)	July (B)-July (M)	July (B)- July (M)	July (B)- July (M)
	Harvesting	Nov (B)- Nov(M)	Dec(M)-Dec (E)	Jan (B) - Jan (M)	March(M)-April(E)

Appendix-V(contd.)

States/UTs	Period	Kharif Mungbean/ Urdbean	Rabi Mungbean/ Urdbean	Spring/Summer Mungbean/ Urdbean	Horsegram Kharif	Chickpea Rabi
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Andhra Pradesh	Sowing	Jun(M) –Jul(E)	Oct(B)-Nov(B)	Jan(B).-Feb(B)		Nov(B)-Nov(E)
	Harvesting	Sept(M) –Oct(M)	Jan(B)-Feb(B)	Mar(B)-April(M)		Feb(M)-Mar(B)
Assam	Sowing	July(B) – Aug(E)	Aug(B)-Sep(M).	Feb(E)-Mar(M)		Oct (M) – Nov (M)
	Harvesting	Sep(M)-Oct(E)	Nov(B) –Dec(M)	May(B)-May(M)		March (B)-March (E)
Bihar	Sowing	July(B) – Aug(E)		Feb(E)-April(B)	Aug (M)-Aug(E)	Oct (M) – Nov (M)
	Harvesting	Sep(M)-Oct(E)		May(B)-June(M)	Oct(E)-Nov(B)	March (B)-March (E)
Chhattisgarh	Sowing	Jun-Jul				Oct (B) – Oct (E)
	Harvesting	Sep-Sep				Feb (E) – March (E)
Gujarat	Sowing	July(B) – Aug(E)				Oct (B) – Nov (M)
	Harvesting	Sep(M)-Oct(E)				Feb (M) – March (E)
Haryana	Sowing	July(B) – Aug(E)		Feb(E)-April(B)		Oct (M) – Nov (E)
	Harvesting	Sep(M)-Oct(E)		May(B)-June(M)		March (M) – April (B)
Jharkhand	Sowing	Jul(B)-Aug(E)		Feb(E)-April(B)		Oct(M) – Nov(M)
	Harvesting	Sep(M)-Oct(E)		May(B)-June(M)		Mar (M) – Apr (M)
Karnataka	Sowing	Jun(M) –Jul(E)	Oct(B)-Nov(B)	Jan(B).-Feb(B)	Aug (E)	Oct (B) – Nov (E)
	Harvesting	Sept(M) –Oct(M)	Jan(B)-Feb(B)	Mar(B)-April(M)	Oct(M)-Nov(B)	Jan (M) – Feb (E)
Kerala	Sowing	Jun(M) –Jul(E)		Jan(B).-Feb(B)		
	Harvesting	Sept(M) –Oct(M)		Mar(B)-April(M)		
Madhya Pradesh	Sowing	Jun(M) –Jul(E)			August (E)	Oct (B) – Nov (B)
	Harvesting	Sept(M) –Oct(M)			Oct (E)	Feb (M) – March (E)
Maharashtra	Sowing	Jun(M) –Jul(E)			Jul(M)	Sept (E) – Oct. (E)
	Harvesting	Sept(M) –Oct(M)			Oct(M)	Feb (M) – March (E)
Odisha	Sowing	Jun(M) –Jul(E)	Oct(B)-Nov(B)	Jan(B).-Feb(B)		
	Harvesting	Sept(M) –Oct(M)	Jan(B)-Feb(B)	Mar(B)-April(M)		
Punjab	Sowing	July(B) – Aug(E)		Feb(E)-Mar(M)		Oct. (M) – Nov. (E)
	Harvesting	Sep(M)-Oct(E)		May(B)-May(M)		March (M) - April (E)
Rajasthan	Sowing	July(B) – Aug(E)			Jul (M)	Oct. (M) – Nov. (E)
	Harvesting	Sep(M)-Oct(E)			Oct (M)	March (M) - April (E)
Tripura	Sowing	July(B) – Aug(E)		Feb(E)-April(B)		
	Harvesting	Sep(M)-Oct(E)		May(B)-June(M)		
Tamil Nadu	Sowing	Jun(M) –Jul(E)	Oct(B)-Nov(B)	Feb(E)-April(B)	Oct(E)	
	Harvesting	Sept(M) –Oct(M)	Jan(B)-Feb(B)	May(B)-June(M)	Feb(B)	
Uttar Pradesh	Sowing	July(B) – Aug(E)		Feb(E)-April(B)		Oct. (M) – Nov. (E)
	Harvesting	Sep(M)-Oct(E)		May(B)-June(M)		March (M) - April (E)
West Bengal	Sowing	July(B) – Aug(E)		Feb(E)-April(B)		Oct. (M) – Nov. (E)
	Harvesting	Sep(M)-Oct(E)		May(B)-June(M)		March (B)- March (E)
Himachal Pradesh	Sowing	July(B) – Aug(E)	-		Jun(M)-Jul(E)	
	Harvesting	Sep(M)-Oct(E)			Sep(E)-Oct(M)	
Manipur	Sowing					Sept– Oct
	Harvesting					Mar - Apr
Meghalaya	Sowing					Sep(B)-Oct(E)
	Harvesting					Dec(B)-Jan(E)

Appendix-V(contd.)

State	Period	Kharif-Soybean	Niger(Kharif)	Niger(Late Kharif)
(1)	(2)	(3)	(4)	(5)
Madhya Pradesh	Sowing	June(M)- July(M)	June(M) – July(E)	Aug(B)- Sept(B)
	Harvesting	Sept(E)- Oct(B)	Oct(L)- Nov(L)	Nov(B)-Dec(B)
Maharashtra	Sowing	June(M)- July(M)	June(B) – July(E)	Aug(B)- Sept(B)
	Harvesting	Sept(E)- Oct(B)	Oct(M)- Dec(E)	Nov(B)-Dec(B)
Rajasthan	Sowing	June(E)- July(M)		
	Harvesting	Sept(E)- Oct(B)		
Karnataka	Sowing	June(M) – July(B)	June(B) – July(E)	Aug(B)- Sept(B)
	Harvesting	Sept(E)- Oct(B)	Oct(M)- Nov(M)	Nov(B)-Dec(B)
Andhra Pradesh	Sowing	June(M)- July(M)	June(B) – July(E)	Aug(B)- Sept(B)
	Harvesting	Sept(E)- Oct(B)	Oct(L)- Nov(L)	Nov(B)-Dec(B)
Chhattisgarh	Sowing	June(M)- July(M)	June(M) – July(E)	
	Harvesting	Sept(E)- Oct(B)	Oct(L)- Nov(L)	
Uttar Pradesh	Sowing	June(E)- July(M)		
	Harvesting	Sept(E)- Oct(B)		
Manipur	Sowing	June- July		
	Harvesting	Sept(E)- Oct(B)		
Meghalaya	Sowing	June - July		
	Harvesting	Sept(E)- Oct(B)		
West Bengal	Sowing	June(M)- July(M)		
	Harvesting	Sept(E)- Oct(B)		
Odisha	Sowing	June(M)- July(M)	June(B) – July(E)	Aug(B)- Sept(B)
	Harvesting	Sept(E)- Oct(M)	Oct(L)- Nov(L)	Nov(B)-Dec(B)
Bihar/ Jharkhand	Sowing	June(M)- July(M)	June(B) – July(E)	Aug(B)- Sept(B)
	Harvesting	Sept(E)- Oct(M)	Oct(L)- Dec(M)	Nov(B)-Dec(B)
Gujarat	Sowing	June(M)- July(M)	June(B) – July(E)	Aug(B)- Sept(B)
	Harvesting	Sept(E)- Oct(M)	Oct(M)- Nov(L)	Nov(B)-Dec(B)

Appendix-V(contd.)

States/UTs	Period	Rabi Gram	Rabi Lentil	Rabi Pea
(1)	(2)	(3)	(4)	(5)
Andhra Pradesh	Sowing	Oct (M)-Nov (E)		
	Harvesting	Feb (M)-Mar (B)		
Assam	Sowing	Oct(M)- Nov(M)	Oct(M) – Nov(M)	Oct(M) – Nov(M)
	Harvesting	Mar(B)-Mar (E)	Mar(M)-Apr(M)	Mar(M)-April(M)
Bihar	Sowing	Oct(M)- Nov(M)	Oct(M) – Nov(M)	Oct(M) – Nov(M)
	Harvesting	Mar(B)-Mar (E)	Mar(M)-Apr(M)	Mar(M)-April(M)
Chhattisgarh	Sowing	Oct(M)- Nov(M)	Oct(M) – Nov(M)	Oct(M) – Nov(M)
	Harvesting	Feb(E)-Mar (M)	Mar(M)-Apr(M)	Mar(M)-Apr(M)
Goa	Sowing		Dec(B)-Jan(E)	
	Harvesting		Mar(B)-May(E)	
Jharkhand	Sowing	Oct(M)- Nov(M)	Oct(M) – Nov(M)	Oct(M) – Nov(M)
	Harvesting	Mar(B)-Mar(M)	Mar(M)-Apr(M)	Mar(M)-Apr(M)
Rajasthan	Sowing	Oct(M)- Nov(E)	Oct(E) – Nov(M)	Oct(E) – Nov(M)
	Harvesting	Mar(M)-Apr (E)	Mar(B)-Apr(M)	Mar(B)-Apr(M)
Tripura	Sowing		Oct(E) – Nov(B)	Oct(E) – Nov(M)
	Harvesting		Mar(B)-Apr(M)	Mar(B)-Apr(M)
Gujarat	Sowing	Oct(B)-Nov(M)	Oct(M) – Nov(M)	Oct(M) – Nov(M)
	Harvesting	Feb(M)-Mar(M)	Mar(M)-Apr(M)	Mar(M)-Apr(M)
Haryana	Sowing	Oct(M)-Nov (E)	Oct(M) – Nov(M)	Oct(M) – Nov(M)
	Harvesting	Mar(M)-Apr(B)	Mar(M)-Apr(M)	Mar(M)-Apr(M)
Karnataka	Sowing	Oct(B)-Nov(E)		
	Harvesting	Jan(M)-Feb(E)		
Madhya Pradesh	Sowing	Oct(B)-Nov(M)	Oct(E) – Nov(M)	Oct(E) – Nov(M)
	Harvesting	Feb(M)-Mar (M)	Mar(B)-Apr(M)	Mar(B)-Apr(M)
Maharashtra	Sowing	Oct(M)-Nov(B)		
	Harvesting	Feb(M)-Mar(E)		
Manipur	Sowing	Sept-Oct		
	Harvesting	Mar-Apr		
Meghalaya	Sowing	Sep(B)-Oct(E)	Sep(B)-Oct(E)	
	Harvesting	Dec(B)-Jan(E)	Feb(B)-Mar (M)	
Punjab	Sowing	Oct(M)-Nov (E)	Oct(M) – Nov(M)	Oct(M) – Nov(M)
	Harvesting	Mar(M)-Apr(E)	Mar(M)-Apr(M)	Mar(M)-Apr(M)
Uttar Pradesh	Sowing	Oct(M)-Nov(E)	Oct(M) – Nov(M)	Oct(M) – Nov(M)
	Harvesting	Mar(M)-Apr(E)	Mar(M)-Apr(M)	Mar(M)-Apr(M)
West Bengal	Sowing	Oct(M)-Nov(E)	Oct(M) – Nov(M)	Oct(M) – Nov(M)
	Harvesting	Mar(B)-Mar(E)	Mar(M)-Apr(M)	Mar(M)-Apr(M)

Appendix-V(contd.)

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

Appendix-V(contd.)

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

Appendix-V(contd.)

States	Period	Sesame			
		Kharif	Pre Rabi	Rabi	Summer
(1)	(2)	(3)	(4)	(5)	(6)
Andhra Pradesh	Sowing	June (M)-July (M)	Aug(B)- Sept(M)		Jan(M)- Feb(E)
	Harvesting	Oct(M)- Nov(M)	Dec(E)- Jan(M)		Apr(M)-May(E)
Karnataka	Sowing	June (M)-July (M)			
	Harvesting	Oct(M)- Nov(M)			
Kerala	Sowing	June (M)-July (M)			Jan(M)-Feb(E)
	Harvesting	Oct(M)- Nov(M)			Apr(M)-May(E)
Madhya Pradesh	Sowing	June (M)-July (M)	Aug(B)- Sept(M)		
	Harvesting	Oct(M)- Nov(M)	Dec(E)- Jan(M)		
Maharashtra	Sowing	June (M)-July (M)	Aug(B)- Sept(M)		Jan(M)- Feb(E)
	Harvesting	Oct(M)- Nov(M)	Dec(E)- Jan(M)		Apr(M)-May(E)
Odisha	Sowing	June(B)-July(E)		Oct(B)-Nov(M)	Jan(M)- Feb(E)
	Harvesting	Oct(M)- Nov(M)		Feb(M)- Mar(E)	May(M)-June(M)
Rajasthan	Sowing	June(B)-July(E)			
	Harvesting	Oct(M)- Nov(M)			
Uttar Pradesh	Sowing	June(B)-July(E)			Feb.- March
	Harvesting	Oct(M)- Nov(M)			May(M)-Jun(M)
West Bengal	Sowing				Feb(M)-Mar(M)
	Harvesting				May(M)-June(M)
Gujarat	Sowing	June (M)-July (M)			Feb.- March
	Harvesting	Oct- Nov			May -June
Tamil Nadu	Sowing	June-July	Aug(B)- Sept(M)	Oct(B)-Nov(M)	Jan.- Feb
	Harvesting	Oct- Nov	Dec(E)- Jan(M)	Feb(M)- Mar(E)	May(M)-June(M)
Telangana	Sowing	June (M)-July (M)			
	Harvesting	Oct (L)- Nov (E)		Feb (L)- Mar (M)	Apr (E)-May (E)
All India	Sowing	Jun-July	Aug(B)- Sept(M)	Oct(B)-Nov(M)	Jan.- March
	Harvesting	Sep-Nov	Dec(E)- Jan(M)	Feb(M)- Mar(E)	May -June

Appendix-V(contd.)

States	Period	Sunflower			Castor	Castor	Safflower
		Kharif	Rabi	Summer/ Spring	Rabi	Kharif	Rabi
(1)	(2)	(3)	(4)	(5)		(6)	(7)
Andhra Pradesh	Sowing	Jun(B)-Aug(E)	Oct			Jun-Jul	15th Sep-15th Oct
	Harvesting	Sep - Nov	Jan			Dec-Jan	Jan-Feb
Assam	Sowing						
	Harvesting						
Bihar	Sowing		Dec-Jan				Oct-Nov
	Harvesting		Apr-May				Mar-Apr
Chhattisgarh	Sowing					Jul	
	Harvesting					Feb	
Gujarat	Sowing					Jul-Aug	Oct-Nov
	Harvesting					March-April	Mar-Apr
Haryana	Sowing			Feb-Mar		Jul-Aug	
	Harvesting			May		March-April	
Jammu & Kashmir	Sowing						
	Harvesting						
Jharkhand	Sowing						
	Harvesting						
Karnataka	Sowing	Jun(B)-Aug(E)	Oct	Dec-Jan		Jul-Aug	15th Sep-15th Oct
	Harvesting	Sep - Nov	Jan	Mar-Apr		Nov-Dec	Feb-Mar
Madhya Pradesh	Sowing						Oct-Nov
	Harvesting						Apr-May
Maharashtra	Sowing	Jul(B)-Aug(E)	Oct			Jun-Jul	Sep-Oct
	Harvesting	Oct - Nov	Jan			Dec-Jan	Jan-Feb
Odisha	Sowing			Feb		Jun-Jul	Sep-Oct
	Harvesting			Apr-May		Dec-Jan	Jan-Feb
Punjab	Sowing			Feb			
	Harvesting			Apr-May			
Rajastan	Sowing					Jul-Aug	
	Harvesting					Jan-Feb	
Tamil Nadu	Sowing	Jun(B)-Aug(E)	Oct		Oct-Nov	Jul-Aug	
	Harvesting	Sep - Nov	Jan		April-May	Dec-Jan	
Telangana	Sowing	Jun(B)-Aug(E)			Oct-Nov	Jun-Jul	15th Sep-15th Oct
	Harvesting	Sep - Nov			April-May	Dec-Jan	Jan-Feb
Uttar Pradesh	Sowing						Oct-Nov
	Harvesting						Mar-Apr
West Bengal	Sowing			Feb			
	Harvesting			Apr-May			
All India	Sowing	Jun-Aug	Oct	Feb		Jul-Aug	September
	Harvesting	Sep-Nov	Jan	Apr-May		Jan-Feb	Feb

Appendix-V(contd.)

State	Rapeseed-Mustard	Sowing Time	Harvesting Time
(1)	(2)	(3)	(4)
Andhra Pradesh	Mustard/ Banarasi rai	Nov (L)- Dec (E)	Feb-March
Assam	Toria/Mustard	Oct (M) - Dec (E)	Feb-March
Bihar	Mustard	Oct (E) - Oct (M)	Feb-March
	Toria	Sep (M)- Oct(L)	Jan-Feb
	Yellow Sarson	Oct (E)-Oct (M)	Feb-March
Chhattisgarh	Mustard	Oct (E)- Nov(M)	March
	Toria	Sept (E)-Sept (M)	Dec-Jan
Delhi	Mustard	Oct (L)- Nov(M)	Feb-March
	Toria	Sep (L)	Jan
	Taramira	Nov(E)	March
Gujarat	Mustard	Oct (M)- Oct (L)	Feb-March
	Yellow Sarson	Oct (M)- Oct (L)	Feb
Haryana	Mustard	Oct (E)- Nov (E)	Feb-March
	Toria	Sep (E)	Dec-Jan
	Taramira	Nov(E)	March
Himachal Pradesh	Mustard	Oct (L)- Nov (L)	March-April
	Toria	Sep (E)-Sep (M)	Dec-Jan
	Brown Sarson	Oct (M) -Oct-(L)	April
	Gobhi Sarson	Oct (M) - Nov (M)	April
Jammu & Kasmir	Mustard	Oct(M)- Nov (E)	March-April
	Brown sarson	Oct (M)-Oct (L)	April-May
Jharkhand	Mustard	Oct (L)- Nov (L)	Feb-March
	Toria	Sept (M)- Oct (E)	Jan-Feb
	Yellow Sarson	Oct (E)	Feb
Karnataka	Mustard	Oct (E)-Oct (L)	Feb
Madhya Pradesh	Mustard	Oct(E)-Oct (L)	Feb-March
	Toria	Sep (E)-Sept (M)	Dec-Jan
Manipur	Mustard	Nov (E)-(Nov (L)	March
	Toria	Oct (E)	Feb-March
Maharashtra	Mustard	Oct (M)- Nov (M)	Feb-March
Odisha	Mustard	Oct (M)- Nov (M)	Feb-March
	Toria	Oct (E) -Oct-(M)	Feb
	Yellow Sarson	Oct (M)-Nov (M)	Feb
Punjab	Mustard	Oct (M)- Nov (E)	March- April
	Toria	Sep (E)-Sept (M)	Dec-Jan
	Taramira	Oct (E)-Oct(L)	March
	Gobhi Sarson	Oct (M)- Nov (M)	March-April
	Karan rai	Oct (M)- Nov (L)	March-April
Rajasthan	Mustard	Sep (L) - Oct (L)	Feb-March
	Taramira	Sep (L)- Oct (L)	March
Uttarakhand	Mustard/ Karan rai	Oct (L)- Nov (L)	March
	Toria	Sep (L)	Dec-Jan
	Yellow Sarson	Oct (E)	March
Uttar Pradesh	Mustard	Oct (E)-Oct (L)	Feb-March
	Toria	Sep (E)-Sept (M)	Dec-Jan
	Yellow Sarson	Oct (E)-Oct(L)	Feb-March
West Bengal	Mustard	Oct (M)-Nov(L)	Feb-March
	Toria	Sep (L)- Nov (M)	Feb
	Yellow Sarson	Oct (M)- Nov (M)	Feb-March

Appendix-V(contd.)

States/UTs	Period	Kharif Cotton	Kharif Maize	Rabi Maize	Spring Maize
(1)	(2)	(3)	(4)	(5)	(6)
Andhra Pradesh	Sowing	Jun(E)-Jul(E)	Jun(M)-Jul(M)	Oct(E)-Jan(M)	
	Harvesting	Dec(B)-Jan (E)	Sep(M)-Oct(E)	Feb(E)-May(B)	
Bihar	Sowing	July(B)	Jun(M)-Jul(B)	Nov(B)-Dec(E)	Feb(B)-Feb(E)
	Harvesting	Oct(M)-Nov(M)	Oct(M)-Nov(M)	Feb(B)-Mar(B)	May(B)-May(E)
Gujarat	Sowing	May(E)-June(E)	Jun(E)-Jul(B)	Oct(M)-Nov(E)	
	Harvesting	Oct(B)-Nov(E)	Sep(B)-Nov(B)	Feb(M)-Mar(E)	
Haryana	Sowing	Apr(M)-May(M)	Jul(B)-Jul(M)		Feb(B)-Mar (E)
	Harvesting	Oct(M)-Nov(M)	Oct(M)-Oct(E)		May(B)-June (E)
Himachal Pradesh	Sowing		May(M)-Jun(E)		
	Harvesting		Sep(M)-Oct(M)		
Jammu	Sowing		Jun(E)-Jul(E)		
	Harvesting		Oct(M)-Nov(B)		
Kashmir	Sowing		May(B)-May(E)		
	Harvesting		Oct(B)-Oct(E)		
Karnataka	Sowing		May(M)-Jun(E)	Oct(B)-Oct(E)	
	Harvesting		Sep(B)-Oct(E)	Feb(B)-Mar(E)	
Kerala	Sowing	May(B)-June(E)	Jun(M)-Jul(M)		
	Harvesting	Oct (B)-Dec(E)	Sep(M)-Oct(E)		
Madhya Pradesh	Sowing	Jun-Jul	Jun(M)-Jul(E)	Oct(M)-Dec(M)	
	Harvesting	Oct.-Nov.	Sept(M)-Nov(E)	March(E)-May(E)	
Maharashtra	Sowing	June (M)-June (E	Jul(B)-Aug(E)	Oct(M)-Dec(M)	
	Harvesting	Nov-Jan	Oct(B)-Nov(E)	March(E)-May(E)	
Odisha	Sowing	Jun-July	Jun-Jul		
	Harvesting	Nov-Dec	Sep-Oct		
Punjab	Sowing	Apr(M)-May(M)	May(B)-Jun(E)		Feb(B)-Mar (E)
	Harvesting	Oct(B)-Nov(E)	Sep(B)-Oct(E)		Apr(B)-May(E)
Rajasthan	Sowing	Apr(B)-May(M)	Jun(E)-Jul(M)	Oct(M)-Dec(M)	
	Harvesting	Nov(B)-Dec(E)	Oct(B)-Nov(E)	March(E)-May(E)	
Uttar Pradesh	Sowing	Apr(B)-Jun(E)	Jun(M)-Jul(M)	Oct(M)-Nov(M)	Feb(B)-Mar(E)
	Harvesting	Sep(B)-Nov(E)	Sep(M)-Oct(M)	March(E)-May(E)	May(B)-May(E)
West Bengal	Sowing	Oct(B)-Nov(E)	May(E)-Jun(E)	Nov(B)-Nov(E)	Feb(B)-Feb(E)
	Harvesting	June(B)-Aug(E)	Sep(M)-Oct(M)	Mar(B)-Mar(E)	May(B)-May(E)
Tamil Nadu	Sowing	Aug-Sept	Jun(E)-Jul(M)	Sep(E)-Oct(E)	Jan(E) - Feb (E)
	Harvesting	Feb(B)-April(E)	Oct(M)-Oct(E)	Jan(B)-Jan(E)	May (B) - May (E)
Telengana	Sowing	Jun(E)-Jul(E)	Jun(M)-Jul(M)	Oct(E)-Jan(M)	
	Harvesting	Dec(B)-Dec (E)	Sep(M)-Oct(E)	Feb(E)-May(B)	
All India	Sowing	Apr-Jul	May-Aug	Sep-Jan	Jan(E) - Mar (E)
	Harvesting	Sep-Dec	Sep-Nov	Jan-May	May (B) - May (E)

Appendix-V(contd.)

States/UTs	Period	Sugarcane		Jute
		Kharif	Rabi	Kharif
(1)	(2)	(3)	(4)	(5)
Andhra Pradesh	Sowing		Dec(E)-Jun(M)	
	Harvesting		Dec(E)-May(M)	
Assam	Sowing		Mar(B)-Apr(E)	Mar(M)-Apr(E)
	Harvesting		Dec(B)-Jan(E)	Jul(M)-Aug(E)
Bihar	Sowing	Oct(B)-Nov(E)	Feb(B)-Mar(E)	Mar(M)-May(B)
	Harvesting	Oct(B)-Dec(E)	Nov(B)-Feb(E)	Aug(M)-Oct(B)
Haryana	Sowing		Feb(M)-Mar(M)	
	Harvesting		Dec(M)-March(E)	
Karnataka	Sowing		Dec(B)-Mar(E)*	
	Harvesting		Aug(B)-May(E)	
Kerala	Sowing		Dec(B)-Jan(E)***	NA
	Harvesting		Dec(B)-Jan(E)	NA
Madhya Pradesh	Sowing	Oct(B)-Apr(E)		
	Harvesting	Oct(E)-Mar(E)		
Maharashtra	Sowing	Jul(B)-Aug(E)	Dec(B) - Mar(E)	
	Harvesting	Oct(B)-Nov(E)	Nov(B) - Mar(E)	
Manipur	Sowing			Feb-Mar
	Harvesting			Aug-Sep
Odisha	Sowing		Feb - Apr	May-Jun
	Harvesting		Dec - Feb	Aug-Sep
Punjab	Sowing		Feb(B)-Mar(E)	
	Harvesting		Nov(B)-Feb(E)	
Rajasthan	Sowing		Mar(B)-Apr(E)	
	Harvesting		Dec(B)-Mar(E)	
Tamil Nadu	Sowing	Jun(B)-Aug(E)	Dec(B)-Jan(E)***	
	Harvesting	May(B)-Aug(E)	Dec(B)-Jan(E)	
Tripura	Sowing		Feb-May	Mar-May
	Harvesting		Dec-Mar	Aug-Sep
Uttar Pradesh	Sowing	Oct(B)-Nov(E)	Feb(B) - Apr(B)	Mar(E)-Apr(B)
	Harvesting	Oct(B)-Dec(E)	Dec(B) - Mar(B)	Jul(M)-Aug(E)
West Bengal	Sowing	Oct(B)-Apr(E)		Mar(B)-May(E)
	Harvesting	Oct(B)-Mar(E)		Jul(B)-Aug(E)
All India	Sowing	Jun(B)-Oct(E)	Feb(B) - Apr(E)	Mar-Jun
	Harvesting	Oct(B)-Jan(E)	Dec(B) - Apr(E)	July-Oct

B: Beginning E: Early M: Middle L : Late

*=Annual; **Early Kharif; ***Early sugarcane

Source: Indian Council of Agricultural Research (Crop Science Division)

Appendix-VI

Harvesting Season of Major Fruits

State /UTs	Mango	Apple	Banana	Lime/Lemon	Grapes
(1)	(2)	(3)	(4)	(5)	(6)
Andhra Pradesh	April - May	*	round the year	Oct. - Dec.	March-April
Arunanchal Pradesh	*	Oct.	round the year	round the year	*
Assam	Jun. - Aug.	*	round the year	June - Sep.	*
Bihar	June - July	*	Sept. -Nov.	*	*
Chhattisgarh	April - June	*	Feb-March.& July-Sep.	March-April & July-Aug.	*
Delhi	*	*	*	*	
Goa	*	*	round the year	*	
Gujarat	May	*	Sept. -Nov.	Sep.-Oct.	*
Haryana	July	*	*	Dec.	June
Himanchal Pradesh	July	Aug. - Sep.	July - Aug.	Nov.-Jan.	July
Jammu & Kashmir	July	Sep. - Oct.	*	Nov.-Dec.	June - July
Jharkhand	May - June	*	Sept. -Nov.	Sept. -Dec.	*
Karnataka	April - June	*	July-Nov.	July-Sep.	*
Kerala	Feb. - March	*	Aug.-Sept. & Nov.-Dec.	*	*
Madhya Pradesh	May-June	*	July - Aug.	July-Sep.	March-April
Maharashtra	April - may	*	round the year	March-April	March & May
Manipur	*	*	August	Dec.	*
Meghalaya	*	*	June	*	*
Mizoram	July	*	Feb	Aug.	Oct.
Nagaland	July	*	round the year	*	*
Odisha	April - June	*	Sep. to Dec.	Aug.-Sep.	*
Punjab	June	*	*	round the year	May-June
Rajasthan	June	*	*	Aug.	June
Sikkim	June	*	Sep.-Oct.	*	*
Tamil Nadu	May-June	*	round the year	Feb. - March	May & Nov.
Tripura	June	*	round the year	June - July	*
Uttar Pradesh	June	*	Aug.-Sep.	Dec.	June
Uttarakhand	June-Aug	July - Aug.	May-Aug.	May.-July & Nov.-Dec.	*
West Bengal	June-July	*	Aug.-Sep.	Sep.	*
Andaman & Nicobar	Jan. - April	*	Jan.-March & Oct.-Dec.	* *	*
Chandigarh	*	*	*	*	*
D & N Haveli	May	*	Sep.-Nov.	*	*
Daman & Diu	May	*	Sep.-Nov.	*	*
Lakshadweep	*	*	round the year	*	*
Puducherry	June-July	*	Aug.	Jan.	*

Source: Indian Horticulture Database -2014.

* Information not available.

Appendix-VII

Harvesting Season of Major Vegetables

State/Uts	Potato	Onion	Tomato	Cabbage	Cauliflower
(1)	(2)	(3)	(4)	(5)	(6)
Andhra Pradesh	April - June	April & June Sep.-Nov.	round the year	Nov. & Jan.	Nov. & Jan.
Arunanchal Pradesh	*	*	*	*	*
Assam	Dec.- Jan.	Dec. - Feb.	Dec.-Feb.	Jan.-Feb.	Nov. - Feb.
Bihar	Jan.-Feb.	March-April	Jan.-Feb.	Nov. - Feb.	Dec.-Feb.
Chhattisgarh	Jan. - Mar.	March-April	Aug.-Feb.	Aug.-Feb.	Aug.-Feb.
Delhi	*	*	*	*	*
Goa	*	*	*	*	*
Gujarat	Jan.	Feb.	Dec. - Mar.	Dec.-Feb.	Dec.-Feb.
Haryana	Feb.-Mar.	April & Dec.	April-Oct.	Jan.	Jan.
Himachal Pradesh	May.-June & Aug.-Nov.	May-June	May-Aug.	Sep.-Dec. & Feb.	Dec.-Feb.& Aug.-Oct.
Jammu & Kashmir	April & July	May-June	April	Oct.-April	Oct. - April
Jharkhand	Dec.-Feb.	March. - April.	Feb.& Dec.	Nov. - Dec.	Oct. - Dec..
Karnataka	Feb.-March & Sep.-Oct.	April - June & Sep.-Oct.	May-July	round the year	round the year
Kerala	*	*	*	*	*
Madhya Pradesh	Feb. - March	March. - April.	Oct. & Dec.-Feb.	Jan.-Feb.	Jan.-Feb.
Maharashtra	Mar. - May.	April	round the year	Jan.-Feb.	*
Manipur	Dec.- Jan.	*	July-Aug.	July-Aug.	Oct. -Jan.
Meghalaya	April	Dec.	April	Aug.	Oct.
Mizoram	Sep.	March	Aug.	Dec.	*
Nagaland	Feb.	Oct.	*	Feb.	March
Odisha	Feb. - March	Feb. -April	Jan.-March	Dec. - Mar.	Nov. - Feb.
Punjab	Dec.- Jan.	April	May	Dec. - Mar.	Dec.-Jan.
Rajasthan	Jan.-Feb.	April & Nov.	Nov.Dec.	Dec.	Jan.
Sikkim	June -Aug.	Feb. - March	June-Sep.	June-Oct.	Nov. - March.
Tamil Nadu	round the year	Aug. & Nov.	round the year	May.& Dec.	Feb. & Dec.
Tripura	*	*	*	*	*
Uttar Pradesh	Mar. - April.	March	Feb.	Jan.	Jan.
Uttarakhand	July-Aug. & Oct.-Dec.	May	Nov.-Jan.& May-June	Nov.-Aug.	Nov. - Feb.& July-Aug.
West Bengal	March	April	Jan. - Feb.	Nov.-Feb.	Dec. - Jan.
Andaman & Nicobar	*	*	Oct.-March & June - July	Nov.-Jan.	Nov. - Jan.
Chandigarh	*	*	*	*	*
D & N Haveli	Jan.	Feb.	Dec.-Feb.	Dec.- Feb.	Dec. - Feb.
Daman & Diu	Jan.	*	Dec.-Feb.	Dec.- Feb.	Dec. - Feb.
Lakshadweep	*	*	*	*	*
Puducherry	April & July	April & Nov.	*	*	*

Source: Indian Horticulture Database -2014.

* Information not available.

Seed Rate of Sowing for Important field crops

(Kg/Ha)

Crop	Variety Seed Rate	Hybrid Seed Rate
(1)	(2)	(3)
Cereals		
		15-20 for normal planting 5-7 under SRI planting
Wheat	100-125	100 for normal planting, 125 for late planting & problematic soils
Barley	100-125	100 for normal planting, 125 for late planting & problematic soils
Sorghum	Grain Rabi 8-10; Grain Kharif 10	7.5
Pearl Millet	4-5	4-5
Maize	Normal field corn 18-20; Fodder 30-40	20
Ragi	10-12.5	10-12.5
Pulses		
Pigeon pea	Early duration 17-19 Medium duration 15-17; Long duration 12-15	
Chickpea(Large seeded)	75-100	
Chickpea Desi (small seeded)	65-75	
Chickpea Kabuli	100-120	
Mungbean	Kharif-20, Rabi 25-30, Summer 20-30	
Urdbean	Kharif-20, Rabi 25-30, Summer 20-30	
Fieldpea	80-100	
Lentil	50-60	
Rajmash	75-100	
Mothbean	15-18	
Kulthi	22-30	
Oilseeds		
Groundnut	140-160	
Rapeseed & Mustard	3-5	3.5
Soybean	65-75	
Sunflower	5	5
Sesame	5	
Niger	5	
Safflower	7	
Linseed	25-30	
Castor	5	5

contd...

Appendix-VIII(contd.)

(kg/ha)

Crop	Variety Seed Rate	Hybrid Seed Rate
(1)	(2)	(3)
Forage crops		
Forage Sorghum	25 in small seeded varieties; 40 in bold seeded varieties	
Sorghum	Grain Rabi 8-10 Grain Kharif 10	7.5 10
Maize	40-50	
Guar	20-30	
Pearl Millet	4-5	4-5
Oats	80(small), 100 (Bold)	
Berseem	20-25	
GobhiSarson	4	
Lucerne	15	
Fibre Crops		
Cotton	10-12	Bt. Cotton – 1.5-2.25 Non-Bt. Cotton 3-4
Jute	6 (olitorius), 7 (capsularis)	
Sunhemp	25	
Mesta	12 (Roselle), 15 (Kenaf)	
Sugar Crops		
Sugarcane	60 qtls. (45,000 sets of 3 buds in sub tropics) (25,000-30,000 sets of 3 buds in tropics)	-

Source:- Indian Council of Agricultural Research (ICAR)

1.1 Introduction

The Economics, Statistics and Evaluation Division, Department of Agriculture & Farmers Welfare releases estimates of area, production and yield in respect of principal crops of food grains, oilseeds, sugarcane, fibers and important commercial crops. These crops account for a significant share in the Gross Value Added by agriculture and allied sector. The estimates of crop production are obtained by multiplication of area estimates by corresponding yield estimates. The estimates of area and yield rates assume prime importance in the entire gamut of agricultural statistics.

1.2 Area Statistics

From the point of view of collection of area statistics, the States in the country are divided into three broad categories. The first category covers States and UTs which are cadastrally surveyed and the area and land use statistics are built up as a part of the land records maintained by the revenue agencies, these states are called “Land Record States” or temporarily settled States. This system is followed in 18 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, Telangana, Uttar Pradesh and Uttarakhand and 4 UTs of Chandigarh, Delhi, Dadra & Nagar Haveli and Puducherry. These States/UTs account for about 86% of reporting area and are covered under Timely Reporting Scheme (TRS) under which 20% villages are selected at random for complete area enumeration.

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

The third category covers the hilly districts of Assam, the rest of North-Eastern states (other than Arunachal Pradesh, Nagaland, Tripura and Sikkim), Goa, UTs of Andaman & Nicobar Islands, Daman & Diu and 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.

Keeping in phase with technological advancements and digitalization across the various sectors, this Ministry has undertaken the implementation of Digital Crop Survey (DCS). The DCS facilitates the village wise crop area for each season for an agricultural year. Hence, as per new guidelines issued by ES&E Division, DA&FW the village wise area estimates shall be prepared on the basis of Digital crop survey (DCS) (i.e. 100% villages coverage) instead of TRS/ EARAS based estimates. However, in those states where DCS is not yet fully implemented, they may continue to follow the existing methodology of 20% sampled villages till the State gets on boarded into DCS.

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 Statistical Office (NSO) has been

providing technical guidance to the States and Union territories for organizing and conducting Crop Estimation Surveys for estimating yield rates of principal crops. In addition, NSO in collaboration with States/Union Territories implements sample check programmes on area enumeration work, area aggregation and conduct of crop cutting experiments under the Scheme for Improvement of Crop Statistics (ICS). While executing the programme of sample checks on crop cutting experiments, the FOD associates itself with the operational aspects of the conduct of crop cutting experiments right from selection of sample villages, training of field staff to the supervision of field work, and in the process gathers micro level information relating to conduct of crop cutting experiments for estimation of crop yield. NSO regularly brought out its annual publication entitled “Consolidated Results of Crop Estimation Surveys on Principal Crops”.

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.

To record the details of Crop Cutting Experiments (CCEs) for yield estimation under GCES, the Ministry has developed a simple and user-friendly web portal and mobile application with the facilities of geo-tagging and photo validation of crop fields.

1.5 Sampling Design

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

Figure 1.1: SAMPLING DESIGN for GCES

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

1.6 Advance Estimates of Area and Production

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

Final estimates of production based on complete enumeration of area and yield through crop cutting experiments become available much after the crops are actually harvested. However, the Government requires advance estimates of production for taking various policy decisions relating to pricing, marketing, export/import, distribution, etc. The main factors contributing to the relatively large number of crop estimates are the large variations in crop seasons across the country. Further, from the year 2022-23, the estimates schedules and number of estimates have been revamped considering the genuine and timely requirement of crop estimates much before the crops are harvested for various policy purposes. The revamped timelines for releasing the crop production estimates are elaborated as under:

1.7 First Advance Estimates

The first advance estimates of area and production of Kharif crops are prepared and released in October every year, when south-west monsoon season is about to be over and Kharif crops are at an advanced stage of maturity. 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 field 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 area enumeration based on Remote Sensing Technology, estimates from Econometrics Modeling etc.

1.8 Second Advance Estimates

The second advance estimates are prepared and released in the month of February every year. This estimate consists of kharif and rabi season only. The advance estimates of Kharif crops may undergo a revision in the light of flow of more precise information of area and receipt of CCEs from the State Governments. The Second Advance Estimates then cover the second assessment in respect of Kharif Crops and the first assessment in respect of Rabi Crops which is based on field observation and other related parameters.

1.9 Third Advance Estimates

The third advance estimates for all the seasons i.e. kharif, rabi and summer are prepared and released in the month of May/June every year. From the Agriculture Year 2022-23 the Rabi season has been segregated into Rabi and Summer season. 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. The summer crops estimates are based on field observation and other related parameters.

1.10 Final Estimates

From the Agriculture Year 2022-23 the erstwhile Fourth Advance Estimates is being generated as Final Estimate of the Agriculture Year and are prepared and released in the month of September. The Final Estimate includes all three seasons i.e. Kharif, Rabi and Summer. The states submit finalized area and yield based on CCEs conducted. Further, all other alternative sources such as remote sensing data, econometric modelling, weather conditions etc. are considered in finalizing the estimates. No changes in the crop estimates are entertained after the release of Final Estimate.

1.11 Forecasting Agricultural Output using Space, Agro-meteorology and Land based observations (FASAL)

Under the FASAL scheme**,** forecasts of area, production and yield based upon Remote Sensing and econometric modeling are generated. The agencies involved under the scheme are Space Application Centre (SAC), Ahmedabad, Institute of Economic Growth (IEG), New Delhi and India Meteorological Department (IMD). Under the scheme, multiple in-season forecasts of area & production of specified crops at National/State level are envisaged. Inputs from remote sensing, weather and field observations are used for validating the forecasts and inferences for desired coverage, accuracy and timeliness.

DAC&FW has established Mahalanobis National Crop Forecast Centre (MNCFC) on April 23, 2012 which operationalises Remote Sensing Methodology on crop forecast and drought assessments in collaboration with ISRO. These forecasts are used to validate the official crop estimates based the conventional system. Multiple forecast of 11 major crops namely Rice (Kharif & Rabi), Jowar (Kharif & Rabi), Maize, Bajra, Jute, Ragi, Cotton, Sugarcane, Groundnut (Kharif & Rabi), Rapeseed & Mustard and Wheat were envisaged at National/State/District level. However, based on the technological feasibility and requirement, 11 crops are modified to Rice (Kharif & Rabi), Jowar(Rabi), Maize (Rabi), Soybean, Jute, Pulses (Rabi), Cotton, Sugarcane and Groundnut(Rabi), Rapeseed & Mustard and Wheat. Presently, the experimental forecasts in respect of 8 crops are being prepared namely, Wheat, Rice (Kharif and Rabi), Jute, Sugarcane, Cotton, Rapeseed/mustard, Rabi sorghum and Rabi Pulses.

The programme uses optical and microwave remote sensing data of Indian and foreign satellites. The field data (ground truth) collection is carried out using Smartphone. The activities are carried out in collaboration with 19 State Agriculture Departments, 16 State Remote Sensing Centres, ISRO, IMD, IEG and State Agriculture Universities.

1.12 Achievements of FASAL project

FASAL is a national level project of Ministry of Agriculture & Farmers Welfare under Integrated Scheme on Agriculture Census, Economics and Statistics. Under FASAL project, pre-harvest multiple Crop production forecasts at District/State/National Level are generated for 8 major crops (Rice, Wheat, Cotton, Sugarcane, Jute, Rabi Jowar, Rabi Pulses and Rapeseed & Mustard) using satellite and agro-meteorological data.

In a year, all total 16 forecasts (Rice-3, Wheat-3, Rapeseed &Mustard-3, Jute-1, Cotton-2, Sugarcane-2, Rabi Pulses -1 and Rabi Jowar-1) are generated. The results are shared with DAC&FW, State Agriculture Departments and other partner agencies.

1.13 Extended Range Forecast System (ERFS)

The IMD has been providing weather forecast with lead-time of five days only and that too for four broad geographical regions of the country. It leaves little lead-time to farmers for undertaking crop management decisions. Therefore, the Department of Agriculture, Cooperation and Farmers Welfare has sponsored a project entitled “Development and Application of Extended Range Forecast System for Climate Risk Management in Agriculture (ERFS)” since 2006 in collaboration with other partner organizations, viz., Indian Institute of

Technology (IIT), India Meteorological Department (IMD), National Centre for Medium Range Weather Forecast (NCMRWF), Space Application Centre (SAC) Ahmedabad and Indian Council of Agriculture Research (ICAR).

The project aims at generating extended range deterministic and probabilistic rainfall and temperature forecasts for metrological sub-divisions of India at monthly and seasonal scale and disseminating it to the farming community and to advise them about various measures. The project was completed on 31st October, 2018 and outcome has been transferred to IMD and MNCFC. The weather forecasting of precipitation and air temperature on monthly and seasonal scale has immense importance in agriculture as it offers extra lead time to farming community for decision making in adverse conditions.

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APPENDIX X: RAINFALL IN 2023

S.NO.	METEOROLOGICAL SUB-DIVISIONS	TOTAL RAINFALL IN WINTER-2023			TOTAL RAINFALL IN PRE-MONSOON-2023			TOTAL RAINFALL IN MONSOON-2023			TOTAL RAINFALL IN POST-MONSOON-2023			TOTAL RAINFALL IN YEAR 2023 (JAN. TO DEC.)		
		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	A & N Islands	8.0	5.1	-36	45.6	16.1	-65	163.2	252.9	55	67.1	77.0	15	283.8	351.1	24
2	Arunachal Pradesh	13.3	9.5	-29	75.7	44.6	-41	167.5	146.6	-12	24.2	20.1	-17	280.7	220.8	-21
3	Assam & Meghalaya	4.2	2.2	-47	58.3	34.6	-41	176.2	142.8	-19	19.0	17.9	-6	257.7	197.5	-23
4	Naga.,Mani.,Mizo.& Tripura	3.2	0.1	-97	47.7	22.5	-53	130.2	95.4	-27	19.9	17.8	-11	201.0	135.7	-32
5	Sub-Himalayan. WB & Sikkim	4.4	2.9	-33	43.8	37.5	-15	189.0	202.4	7	16.8	20.1	19	254.0	262.9	3
6	Gangetic West Bengal	2.9	0.1	-98	18.8	19.1	2	116.7	90.6	-22	17.5	22.5	29	155.9	132.2	-15
7	Odisha	2.5	0.0	-99	12.9	17.7	38	115.0	111.5	-3	14.1	12.0	-15	144.5	141.3	-2
8	Jharkhand	2.5	0.0	-100	8.3	10.3	24	102.3	75.6	-26	8.9	17.8	99	122.1	103.7	-15
9	Bihar	2.0	0.0	-99	8.5	7.5	-12	99.2	76.1	-23	6.7	10.3	53	116.4	93.8	-19
10	East U.P.	2.5	0.4	-83	3.4	6.4	89	79.9	57.0	-29	4.2	4.8	13	90.0	68.5	-24
11	West U.P.	3.1	1.2	-62	3.3	8.7	167	67.2	69.4	3	3.0	1.9	-38	76.5	81.2	6
12	Uttarakhand	10.2	3.8	-63	15.8	22.6	43	116.3	121.1	4	5.5	2.7	-52	147.8	150.1	2
13	Haryana,Chd.,and Delhi	3.2	1.2	-63	4.5	11.0	144	43.1	42.5	-1	1.9	1.8	-10	52.7	56.5	7
14	Punjab	4.7	1.5	-68	5.4	12.8	136	44.0	41.8	-5	2.4	4.0	66	56.6	60.1	6
15	Himachal Pradesh	18.7	11.6	-38	24.1	28.7	19	73.4	87.6	19	8.3	4.5	-45	124.5	132.5	6
16	Jammu & Kashmir	22.6	17.6	-22	33.0	28.9	-13	54.9	57.4	5	12.8	13.1	3	123.2	117.0	-5
17	West Rajasthan	0.9	0.5	-39	2.5	10.1	308	28.4	40.2	42	1.2	2.2	86	32.9	53.0	61
18	East Rajasthan	1.1	2.3	110	2.1	8.9	320	62.7	62.3	-1	2.6	2.4	-7	68.5	75.9	11
19	West Madhya Pradesh	1.4	0.7	-54	1.4	6.8	405	87.7	90.7	3	4.7	4.2	-9	95.1	102.4	8
20	East MP	3.3	0.4	-87	2.4	9.2	290	104.3	99.9	-4	5.6	5.1	-8	115.6	114.7	-1
21	Gujarat Region	0.2	0.3	102	0.6	2.9	425	92.8	90.8	-2	3.3	3.8	15	96.7	97.8	1
22	Saurashtra, Kutch & Diu	0.1	0.0	-60	0.3	4.6	1378	54.0	79.6	47	2.9	1.6	-45	57.2	85.8	50
23	Konkan & Goa	0.1	0.0	-100	2.9	1.8	-39	287.1	317.8	11	14.1	11.8	-16	304.2	331.3	9
24	Madhya Maharashtra	0.0	0.3	-99	2.6	3.1	16	74.7	65.6	-12	10.4	5.6	-46	87.8	74.5	-15
25	Marathawada	0.6	0.1	-91	2.6	4.5	77	64.3	57.3	-11	9.7	5.8	-40	77.2	67.7	-12
26	Vidarbha	1.7	0.1	-97	2.7	13.0	381	93.7	92.1	-2	7.6	5.1	-34	105.7	110.2	4
27	Chhattisgarh	2.2	0.0	-99	3.7	10.8	193	113.2	106.1	-6	7.6	6.3	-17	126.7	123.2	-3
28	Coastal AP and Yanam	2.2	0.2	-93	9.6	19.2	99	60.1	58.4	-3	32.3	26.1	-19	104.3	103.8	0
29	Telangana	1.6	0.0	-98	6.4	15.9	149	73.5	84.7	15	12.4	5.3	-57	93.9	105.9	13
30	Rayalseema	0.9	0.0	-97	8.0	14.8	86	40.9	35.7	-13	23.6	16.5	-30	73.3	67.0	-9
31	TN Pondicherry & Karaikal	2.5	2.1	-17	12.5	20.3	62	32.8	35.4	8	44.3	45.9	4	92.1	103.6	12
32	Coastal Karnataka	0.3	0.0	-100	15.5	5.9	-62	309.4	270.8	-12	26.4	23.2	-12	351.6	299.9	-15
33	North Interior karnataka	0.4	0.0	-95	8.0	10.5	32	48.1	43.1	-10	13.2	4.6	-65	69.6	58.2	-16
34	South Interior Karnataka	0.6	0.1	-77	14.3	15.8	10	67.8	49.2	-28	19.9	14.7	-26	102.6	79.8	-22
35	Kerala & Mahe	2.1	1.5	-28	3.6	23.6	-34	201.9	132.8	-34	49.2	62.6	27	256.8	220.5	-14
36	Lakshadweep	2.6	3.4	33	19.7	10.0	-49	102.7	87.3	-15	33.5	44.9	34	158.4	145.6	-8
	All-India (Area Weighte	**4.0**	**2.2**	**-45**	**13.1**	**14.7**	**12**	**86.9**	**82.0**	**-6**	**12.1**	**11.1**	**-9**	**116.0**	**109.9**	**-5**

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