

F. No. 3-1/ 2014-15-CFCC-E&S
GOVERNMENT OF INDIA
MINISTRY OF AGRICULTURE
DEPARTMENT OF AGRICULTURE & COOPERATION
(CROP FORECAST COORDINATION CENTRE)

Room No. 344-A, Krishi Bhawan, New Delhi
Dated: 20.01.2015

SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON 16.01.2015.

Summary observations of the Group on Agenda Items

- *In the winter season, cumulative Rainfall for the country as a whole during the period 1st January to 14th January, 2015 is 32% higher than LPA. Rainfall (% departure from LPA) in the four broad geographical divisions of the country during the above period was higher by -38% in North West India, 303% in Central India, 17% in East & North East India and 10% in South Peninsula.*
- *Out of a total of 36 met sub-divisions, 24 met sub-divisions constituting 64% of the total area of the country have received excess/normal rainfall and 12 met sub-divisions constituting 36% of the total area of the country have received deficient/scanty rainfall.*
- *Central Water Commission monitors 85 major reservoirs in the country which have a total live capacity of 155.05 BCM at Full Reservoir Level (FRL). Current live storage in these reservoirs as on 15th January, 2015 was 83.46 BCM as against 98.99 BCM on 15.01.2014 (last year) and 83.64 BCM of normal storage (average storage of the last 10 years). Current year's storage is 84% of the last year's and 100% of the normal storage.*
- *As per latest information available on sowing of crops, around 93.9% of the normal area under rabi crops have been sown upto 16.01.2015. Area sown under all rabi crops taken together has been reported to be 576.73 lakh hectares at All India level as compared to 618.20 lakh hectares the corresponding period of last year.*
- *Area reported was higher by 8.8 lakh ha. under Wheat, 1.9 lakh ha. under Maize and 1.6 lakh ha. under Urad. Area coverage was lower by 6.8 lakh ha. under Jowar, 6.1 lakh ha. under Gram, 2.6 lakh ha. under Rapeseed & Mustard, 1.5 lakh ha. under Groundnut, 1.1 lakh ha. under Safflower and 2.4 lakh ha. under Sunflower.*
- *The All Commodities inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the month of December, 2014, increased to 0.11% from the level of 0.00 in the month of November, 2014. The inflation rate was 6.40% during the corresponding period of last year.*
- *The Primary Articles inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the month of December, 2014, increased to 2.17% from the level of -0.98% in the month of November, 2014. The inflation rate was 10.82% during the corresponding period of last year.*
- *The inflation for non-food items has increased to -3.06% from the previous month's level of -3.65% and for the food items has increased to 5.20% from the previous month's level of 0.63%.*

- *Among the foodgrains, Rice has decreased to 4.43% from the previous month's level of 5.55%, Cereals has to 1.26% from the previous month's level of 2.09%, Wheat to -2.46% from the previous month's level of -2.31%. The inflation for Pulses has increased to 5.88% from the previous month's level of 4.43%.*
- *All-India progressive procurement of Rice as on 16.01.2015 for the marketing season 2014-15 was 174.00 lakh tonnes against the procurement of 187.30 lakh tonnes upto the corresponding period of last year.*

Winter Season (Jan. – Feb.) during the week ending on 14th January, 2015

Sub-division-wise daily distribution of rainfall and minimum temperature are shown in Table-1

- **Rainfall during the week (08th January, 2015 to 14th January, 2015)** Rainfall was excess in 01, deficient/scanty in 15 and no rain in 20 out of 36 meteorological sub-divisions.
- **Cumulative rainfall (01st January to 14th January, 2015)** Rainfall was excess/normal in 24 and deficient/scanty in 12 out of 36 meteorological sub-divisions.

Table-2: Weekly and Cumulative Rainfall in four regions of the country¹

Region	Week Ending (14.01.2015)				Cumulative (01.01.15 to 14.01.15)			
	(in mm)		Devi- ation (%)	Cat.	(in mm)		Devi- ation (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	1.6	8.0	-80	S	8.7	14.0	-38	D
Central India	0.0	2.3	-99	S	15.0	3.7	303	E
South Peninsular India	0.5	2.9	-82	S	5.3	4.8	10	N
East & North-East India	0.1	4.4	-97	S	8.6	7.4	17	N
Country as a whole	0.6	4.5	-86	S	10.1	7.7	32	E

E: Excess, N: Normal, D: Deficient, S: Scanty, NR: No Rain.

Source: India Meteorological Department, New Delhi

Table – 3: Category wise comparative distribution of Sub-division (cumulative rainfall) and All-India % Rainfall Departure for the last five years since : 1st January

No. of Sub-Divisions with rainfall	<i>For the period from 1st January to</i>					
	13 JAN 2010	12 JAN 2011	11 JAN 2012	16 JAN 2013	15 JAN 2014	14 JAN 2015
Excess	09	02	21	03	04	20
Normal	02	01	02	03	02	04
Total	11	03	23	06	06	24
Deficient	04	05	04	04	06	06
Scanty	15	14	04	15	13	06
No rain	06	14	05	11	11	00
Total	25	33	13	30	30	12
Data Inadequate	00	00	00	00	00	00
TOTAL	36	36	36	36	36	36
All-India % Rainfall Deviation	(-) 55%	(-) 71%	198%	(-) 78%	(-) 40%	32 %

1. North-west India - Uttar Pradesh, Rajasthan, Haryana, Chandigarh and Delhi, Punjab, Uttaranchal, Himachal Pradesh, and Jammu and Kashmir.
Central India - Madhya Pradesh, Chhattisgarh, Maharashtra and Gujarat

South Peninsula - Andhra Pradesh, Karnataka, Tamil Nadu & Pondicherry, Kerala and Lakshadweep.

North-east India - Bihar, Jharkhand, Orissa, West Bengal, Sikkim, Assam, Arunachal Pradesh, Meghalaya, Nagaland, Manipur, Mizoram, Tripura, and Andaman and Nicobar Islands.

Table-1

METEOROLOGICAL SUB-DIVISIONWISE DAILY DISTRIBUTION OF RAINFALL & MINIMUM TEMPERATURE-2015

SR.No	SUB-DIVISIONS	RAINFALL							MINIMUM TEMPERATURE						
		08 JAN	09 JAN	10 JAN	11 JAN	12 JAN	13 JAN	14 JAN	08 JAN	09 JAN	10 JAN	11 JAN	12 JAN	13 JAN	14 JAN
1	ANDAMAN & NICOBAR ISLANDS	ISOL	ISOL	FWS	SCT	ISOL	WDS	WDS	N	N	N	N	N	N	N
2	ARUNACHAL PRADESH	DRY	DRY	ISOL	DRY	DRY	DRY	DRY	AAN	AAN	AN	N	N	N	N
3	ASSAM & MEGHALAYA	DRY	ISOL	ISOL	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N
4	NAGA,MANI,MIZO,TRIPURA	DRY	ISOL	ISOL	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N
5	SUB-HIMA.WEST BEN. & SIKKIM	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY	BN	AN	AAN	N	BN	N	N
6	BANGETIC WEST BENGAL	DRY	ISOL	DRY	DRY	DRY	DRY	DRY	N	N	N	N	ABN	N	N
7	ODISHA	DRY	ISOL	DRY	DRY	DRY	DRY	DRY	N	N	ABN	ABN	ABN*	ABN*	ABN
8	JHARKHAND	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	ABN	BN	N	N
9	BIHAR	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	AAN	BN	ABN	ABN	N
10	EAST UTTAR PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	BN	BN	N
11	WEST UTTAR PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	ISOL	N	N	N	N	N	ABN	N
12	UTTARAKHAND	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	AN	AAN	N	N
13	HARYANA CHAND. & DELHI	DRY	DRY	DRY	DRY	DRY	DRY	WDS	N	N	N	N	N	N	N
14	PUNJAB	DRY	DRY	DRY	DRY	DRY	DRY	WDS	BN	N	N	N	N	N	AAN
15	HIMACHAL PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	AN	AAN	N
16	JAMMU & KASHMIR	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	AN	AN	MAN	N
17	WEST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	ISOL	N	N	N	N	N	AN	AAN
18	EAST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	ISOL	N	N	N	N	N	N	AN
19	WEST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY	BN*	BN*	BN*	ABN*	BN*	BN	BN
20	EAST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY	BN*	BN*	MBN*	ABN*	BN*	ABN	MBN*
21	GUJARAT REGION D.D. & N.H.	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	AN
22	SAURASTRA KUTCH & DIU	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	AN
23	KONKAN & OGA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	BN	N	N	BN	BN	ABN
24	MADHYA MAHARASHTRA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	BN	N	N	N	BN	ABN
25	MARATHAWADA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	BN	MBN*	MBN*	MBN	ABN	ABN
26	VIDARBHA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	ABN*	BN*	MBN*	MBN*	MBN*	MBN	MBN*
27	DHATTISGARH	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	MBN	ABN*	ABN	MBN*
28	COASTAL ANDHRA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	BN	BN	ABN	ABN
29	TELANGANA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	ABN	MBN*	MBN*	MBN*	ABN	N
30	RAYALASEEMA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	ABN	N	ABN	ABN	N
31	TAMILNADU & PUDUCHERRY	ISOL	DRY	DRY	DRY	DRY	DRY	DRY	AN	AN	N	N	BN	ABN	ABN
32	COASTAL KARNATAKA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N
33	NORTH INTERIOR KARNATAKA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	MBN*	ABN*	ABN*
34	SOUTH INTERIOR KARNATAKA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	MBN*
35	KERALA	ISOL	ISOL	ISOL	DRY	DRY	DRY	DRY	N	AN	N	N	N	N	N
36	LAKSHADWEEP	DRY	DRY	ISOL	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N

LEGENDS FOR RAINFALL:	
WDS	WIDE SPREAD / MOST PLACES (75-100%)
FWS	FAIRLY WIDE SPREAD / MANY PLACES (51-75%)
SCT	SCATTERED / FEW PLACES (20-50%)
ISOL	ISOLATED (UP TO 25%)
DRY	NO STATION REPORTED RAINFALL
	RAINFALL ACTIVITY * ACTIVE (1/5 th - 4 times the normal) ** VIOBOUS (1/5 More than 4 times)
LEGENDS FOR TEMPERATURE:	
N	NORMAL (N,N-1,N+1)°C
BN	BELOW NORMAL (N-2)°C
AN	ABOVE NORMAL (N+2)°C
AAN	APRECIABLY ABOVE NORMAL (N+3,+6)°C
MAN	MARKEDLY ABOVE NORMAL (N+3 AND ABOVE)°C
ABN	APRECIABLY BELOW NORMAL (N-3,-6)°C
MBN	MARKEDLY BELOW NORMAL (N-3 AND BELOW)°C
*	Cold wave conditions (Departure from Normal in -4°C to -5°C and -5°C to -6°C)
**	Severe Cold wave conditions (Departure from Normal in -6°C or less and -7°C or less)

Reservoir Status (For the week ending on 15.01.2015)

- **The Central Water Commission** monitors the live storage of **85** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **155.05** billion cubic meters (BCM), which is about 73% of total reservoir capacity in the country.
- Water stock in 85 major reservoirs **decreased** to 83.46 BCM from the previous week's level of 86.98 BCM. Current storage is **lower** than the last year's position of 98.99 BCM and the average of last 10 year's storage of 83.64 BCM.

Table – 4: For 85 major reservoirs of the country

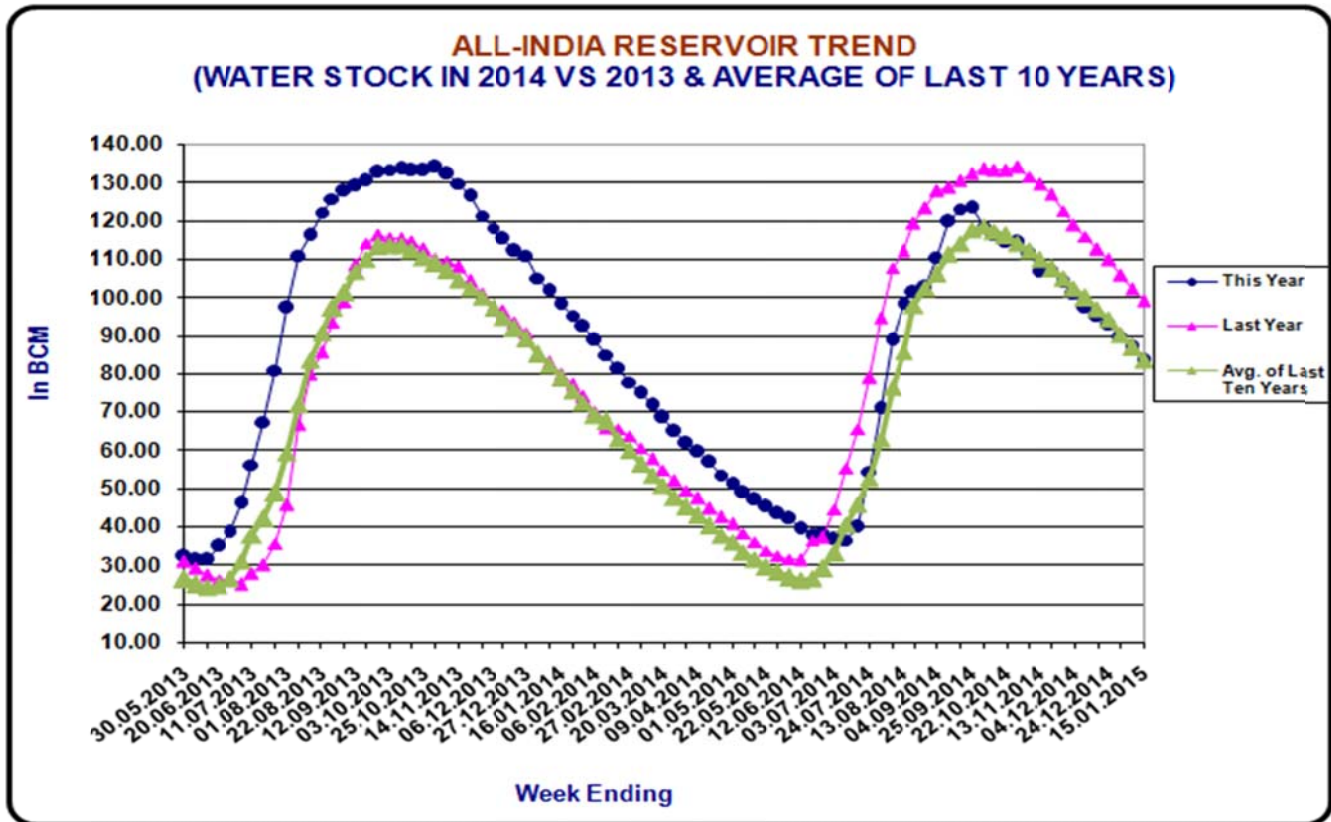
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	54	84	100
Last Week	56	85	100

The percentage to live capacity at FRL was 64% on 15/01/2014, 52% on 09/01/2013, 59% on 12/01/2012 and 66 on 12/01/2011.

* *Live storage as % to Full Reservoir Level (FRL) of 155.05 Billion Cub. Mts.(BCM)*

Source: CWC

- There were 63 reservoirs having storage more than 80%, 13 reservoirs having storage between 50% to 80% of Normal Storage, 05 reservoir having storage between 30% to 50% of Normal Storage and 04 reservoir having storage 30% or below of Normal Storage and 01 reservoir having no live storage.



Source: Central Water Commission

Fertilizer Position:

Table – 5: Requirement, Availability, Sales and Stock position of Major Fertilizers Urea, DAP, MOP, Complex and SSP during Rabi 2014-15 (As on 15.01.2015)

(in '000 Tonne)

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>	<i>Complex</i>	<i>SSP</i>
<i>Opening Stock as on 01.10.2014</i>	<i>99</i>	<i>297</i>	<i>243</i>	<i>297</i>	<i>280</i>
<i>Requirement for Rabi, 2014</i>	<i>16011</i>	<i>4787</i>	<i>1541</i>	<i>5022</i>	<i>3508</i>
<i>Requirement December, 2014</i>	<i>10377</i>	<i>3701</i>	<i>937</i>	<i>3168</i>	<i>2408</i>
<i>Availability upto 15.01.2015</i>	<i>9753</i>	<i>2760</i>	<i>1068</i>	<i>3183</i>	<i>1489</i>
<i>Sales upto 15.01.2015</i>	<i>9331</i>	<i>2434</i>	<i>696</i>	<i>2476</i>	<i>1117</i>
<i>Closing Stock as on 15.01.2015</i>	<i>422</i>	<i>326</i>	<i>373</i>	<i>707</i>	<i>372</i>
<i>Requirement of January, 2015</i>	<i>2942</i>	<i>450</i>	<i>243</i>	<i>720</i>	<i>452</i>

Source: Fertilizer Division (DAC) / Deptt. of Fertilizer

Pest & Diseases:

- The incidence of pest & diseases generally remained below Economic Threshold Level for most of the crops.
- No shortage of Chemical / Bio-pesticides was reported from any State / UT.

All India Crop Situation - Rabi (2014-15) as on 16.01.2015

Crop Name	Normal Area	Average Area as on date	Area sown reported (In lakh hectares)			Absolute Change over (+/-)	
			16.01.2015	% of Normal	16.01.2014	Average as on date	Last Year
Wheat	290.44	294.74	303.51	104.5	313.69	8.8	-10.2
Rice	43.44	7.41	8.02	18.5	10.39	0.6	-2.4
Jowar	41.82	39.39	32.59	77.9	36.13	-6.8	-3.5
Maize	13.20	11.73	13.62	103.2	14.12	1.9	-0.5
Barley	6.75	7.05	7.16	106.1	7.45	0.1	-0.3
Total Coarse Cereals	61.77	58.81	54.34	88.0	58.42	-4.5	-4.1
Total Cereals	395.65	360.96	365.87	92.5	382.50	4.9	-16.6
Gram	84.14	88.09	81.98	97.4	98.16	-6.1	-16.2
Lentil	14.82	15.34	15.21	102.6	15.15	-0.1	0.1
Peas	7.43	7.85	8.54	114.9	8.26	0.7	0.3
Kulthi(Horse Gram)	2.12	4.67	4.82	227.4	4.41	0.2	0.4
Urad	8.30	5.26	6.90	83.1	6.13	1.6	0.8
Moong	7.06	4.64	4.79	67.8	4.88	0.2	-0.1
Lathyrus	5.12	4.21	3.97	77.5	4.05	-0.2	-0.1
Others	3.08	7.45	7.21	233.8	8.14	-0.2	-0.9
Total Pulses	132.08	137.53	133.41	101.0	149.17	-4.1	-15.8
Total Foodgrains	527.73	498.49	499.28	94.6	531.67	0.8	-32.4
Rapeseed & Mustard	62.09	67.55	64.99	104.7	70.43	-2.6	-5.4
Groundnut	8.71	6.11	4.64	53.3	6.03	-1.5	-1.4
Safflower	2.57	2.02	0.94	36.6	1.73	-1.1	-0.8
Sunflower	7.27	4.99	2.63	36.2	3.91	-2.4	-1.3
Sesamum	2.47	0.51	0.73	29.6	0.64	0.2	0.1
Linseed	3.46	3.81	3.04	87.8	3.32	-0.8	-0.3
Others	0.00	0.63	0.48	#DIV/0!	0.47	-0.1	0.0
Total Oilseeds (Nine)	86.56	85.62	77.45	89.5	86.53	-8.2	-9.1
All- Crops	614.28	584.11	576.73	93.9	618.20	-7.4	-41.5

Table - 6 : Percentage Variations in the Wholesale Price Indices (WPI) of Major items

Period / commodities	Weight	Inflation (year on year)		
		Dec., 2014	Nov., 2014	Dec., 2013
All Commodities	100	0.11	0.00	6.40
Primary Articles	20.12	2.17	-0.98	10.82
(a) Food Articles	14.34	5.20	0.63	13.73
Cereals	3.37	1.26	2.09	10.09
Rice	1.79	4.43	5.55	13.52
Wheat	1.12	-2.46	-2.31	7.64
Pulses	0.72	5.88	4.43	-7.31
Gram	0.33	-8.67	-11.47	-23.31
Arhar	0.13	7.09	8.90	8.61
Moong	0.08	21.74	16.53	16.03
Masur	0.05	22.33	23.33	12.48
Urad	0.10	20.98	23.58	5.22
Vegetables	1.74	-4.78	-28.57	56.78
Potato	0.20	13.76	34.10	52.77
Onion	0.18	-18.54	-56.28	38.30
Fruits	2.11	17.87	14.78	9.84
Milk	3.24	9.72	10.00	6.98
Egg, Meat & Fish	2.41	0.68	4.36	11.68
(b) Non-Food Articles	4.26	-3.06	-3.65	6.00
Oilseeds	1.78	-0.49	-0.68	-0.25
Fuel & Power	14.91	-7.82	-4.91	10.87

Procurement:

Table – 7: Progressive procurement of Rice as on 16.01.2015 (lakh tonnes)

State	Total procurement in marketing season 2012-13 (Oct. – Sept.)	Progressive Procurement as on 02.01.2015	
		In Marketing season 2013-2014	In Marketing season 2012-2013
Andhra Pradesh	0.00	37.38	65.00
Telangana	64.71	43.53	0.00
Bihar	13.03	9.42	12.49
Chhattisgarh	48.04	42.90	48.04
Haryana	26.09	24.06	26.09
Kerala	2.40	3.59	2.40
Madhya Pradesh	8.98	10.40	8.98
Maharashtra	1.92	1.61	1.92
Odisha	36.13	28.00	36.14
Punjab	85.58	81.06	85.58
Tamil Nadu	4.81	6.84	4.81
Uttar Pradesh	22.86	11.27	22.86
Uttaranchal	4.97	4.63	4.97
West Bengal	17.66	13.59	17.66
All-India	340.28	318.40	339.44

Table – 7-A: Progressive procurement of Rice as on 16.01.2015 (lakh tonnes)

State	Total procurement in marketing season 2013-14 (Oct. – Sept.)	Progressive Procurement as on 16.01.2015	
		In Marketing season 2014-2015	In Marketing season 2013-2014
Andhra Pradesh	37.38	7.66	18.49
Telangana	44.00	13.91	0.00
Chhattisgarh	43.0	23.46	37.12
Haryana	24.06	19.96	24.03
Kerala	4.00	0.97	0.93
Madhya Pradesh	10.14	6.40	8.51
Maharashtra	2.00	0.84	0.76
Odisha	28.22	6.79	6.99
Punjab	81.06	77.81	81.06
Tamil Nadu	7.00	0.04	0.55
Uttar Pradesh	11.27	7.67	4.69
Uttarakhand	4.63	2.79	1.57
West Bengal	13.59	5.26	2.28
All-India	319.00	174.00	187.30