

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: 06.01.2015

SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON 02.01.2015.

Summary observations of the Group on Agenda Items

- *In the post-monsoon season, cumulative Rainfall for the country as a whole during the period 1st October to 31st December, 2014 is (-) 33% lower than LPA. Rainfall (% departure from LPA) in the four broad geographical divisions of the country during the above period was lower by (-) 39% in North West India, (-) 28% in Central India, (-) 69% in East & North East India and (-) 15% in South Peninsula.*
- *Out of a total of 36 met sub-divisions, 12 met sub-divisions constituting 27% of the total area of the country have received excess/normal rainfall and 24 met sub-divisions constituting 73% 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 01st January, 2015 was 89.95 BCM as against 105.76 BCM on 01.01.2014 (last year) and 90.17 BCM of normal storage (average storage of the last 10 years). Current year's storage is 85% of the last year's and 100% of the normal storage.*
- *As per latest information available on sowing of crops, around 90.0% of the normal area under rabi crops have been sown upto 02.01.2015. Area sown under all rabi crops taken together has been reported to be 552.82 lakh hectares at All India level as compared to 579.63 lakh hectares the corresponding period of last year.*
- *Area reported was higher by 7.4 lakh ha. under Wheat, 1.4 lakh ha. under Maize and 1.7 lakh ha. under Urad. Area coverage was lower by 8.6 lakh ha. under Jowar, 6.0 lakh ha. under Gram, 2.1 lakh ha. under Rapeseed & Mustard, 1.1 lakh ha. under Safflower and 2.1 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 November, 2014, decreased to 0.00% from the level of 1.77 in the month of October, 2014. The inflation rate was 7.52% 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 November, 2014, decreased to -0.98% from the level of 1.43% in the month of October, 2014. The inflation rate was 15.29% during the corresponding period of last year.*

- *The inflation for non-food items has decreased to -3.65% from the previous month's level of -1.41% and for the food items has decreased to 0.63% from the previous month's level of 2.70%.*
- *Among the foodgrains, Rice has decreased to 5.55% from the previous month's level of 6.47%, Cereals has to 2.09% from the previous month's level of 3.29%, Wheat to -2.31% from the previous month's level of -1.92%. The inflation for Pulses has increased to 4.43% from the previous month's level of 4.02%.*
- *All-India progressive procurement of Rice as on 02.01.2015 for the marketing season 2014-15 was 149.93 lakh tonnes against the procurement of 158.78 lakh tonnes upto the corresponding period of last year.*
- *All-India progressive procurement of Rice as on 02.01.2015 for the marketing season 2013-14 was 318.40 lakh tonnes against the procurement of 339.44 lakh tonnes upto the corresponding period of last year.*

Post Monsoon Rainfall (Oct. – Dec.) during the week ending on 31st December, 2014

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

- **Rainfall during the week (25th December, 2014 to 31st December, 2014)** Rainfall was excess/normal in 04, deficient/scanty in 12 and no rain in 20 out of 36 meteorological sub-divisions.
- **Cumulative rainfall (01st October to 31st December, 2014)** Rainfall was excess/normal in 12 and deficient/scanty in 24 out of 36 meteorological sub-divisions.

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

Region	Week Ending (31.12.2014)				Cumulative (01.10.14 to 31.12.14)			
	(in mm)		Devi- ation (%)	Cat.	(in mm)		Devi- ation (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	0.0	8.2	-100	NR	38.1	62.7	-39	D
Central India	0.2	1.1	-83	S	57.0	79.6	-28	D
South Peninsular India	3.5	3.8	-9	N	233.4	273.9	-15	N
East & North-East India	0.0	4.2	-99	S	52.7	171.2	-69	S
Country as a whole	0.8	4.3	-83	S	85.2	127.2	-33	D

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 October

No. of Sub-Divisions with rainfall	For the period from 1 st October to					
	31 DEC 2009	31 DEC 2010	31 DEC 2011	31 DEC 2012	31 DEC 2013	31 DEC 2014
Excess	13	18	01	02	16	02
Normal	10	07	06	13	06	10
Total	23	25	07	15	22	12
Deficient	09	10	05	09	13	13
Scanty	04	01	23	12	01	11
No rain	00	00	01	00	00	00
Total	13	11	29	21	14	24
Data Inadequate	00	00	00	00	00	00
TOTAL	36	36	36	36	36	36
All-India % Rainfall Deviation	8%	21%	(-) 48%	(-) 21%	18%	(-) 33 %

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-2014															
S.No.	SUB-DIVISIONS	RAINFALL							MINIMUM TEMPERATURE						
		25 DEC	26 DEC	27 DEC	28 DEC	29 DEC	30 DEC	31 DEC	25 DEC	26 DEC	27 DEC	28 DEC	29 DEC	30 DEC	31 DEC
1	ANDAMAN & NICOBAR ISLANDS	DRY	SCT	SCT	FWS	SCT	SCT	SCT	N	N	N	N	N	N	AN
2	ARUNACHAL PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N
3	ASSAM & MEGHALAYA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N
4	NAGA,MANI,MIZO,TRIPURA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N
5	SUB-HIMA.WEST BEN. & SIKKIM	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	BN	BN	BN	N	N
6	GANGETIC WEST BENGAL	DRY	DRY	DRY	DRY	DRY	DRY	ISOL	N	ABN	ABN	BN	BN	N	N
7	ODISHA	DRY	DRY	DRY	DRY	DRY	DRY	ISOL	ABN	N	ABN	BN*	ABN*	BN*	N
8	JHARKHAND	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	ABN	BN	N	ABN	BN*	N
9	BIHAR	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	ABN*	ABN	N	BN	BN*	ABY
10	EAST UTTAR PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY	ABN*	ABN*	ABN	ABN*	ABN*	ABN*	ABN*
11	WEST UTTAR PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY	BN*	BN*	ABN	ABN*	BN*	BN	ABN*
12	UTTARAKHAND	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	N
13	HARYANA CHAND. & DELHI	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	BN*	BN*	ABN*	ABN*	ABN*	ABY
14	PUNJAB	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	BN*	ABN*	BN	ABN*
15	HIMACHAL PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY	BN	ABN	BN	BN	N	N	BN
16	JAMMU & KASHMIR	DRY	DRY	DRY	DRY	DRY	DRY	DRY	BN	BN	N	N	N	N	N
17	WEST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	DRY	ABN*	BN	N	N	N	ABN*	ABY
18	EAST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	BN	N	N	ABN*	ABN*	ABY
19	WEST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	ABN	BN	ABN	BN*	BN
20	EAST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	MBN	MBN*	MBN**	BN*	AN
21	GUJARAT REGION D.D. & N.H.	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	BN
22	SAURASTRA KUTCH & DIU	DRY	DRY	DRY	DRY	DRY	DRY	DRY	ABN	N	N	N	N	N	ABY
23	KONKAN & GOA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	BN	N	AN
24	MADHYA MAHARASHTRA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	ABN	N	N	BN	BN	N	AN
25	MARATHAWADA	DRY	DRY	DRY	DRY	DRY	DRY	ISOL	ABN	ABN	BN	BN	ABN*	N	AN
26	VIDARBHA	DRY	DRY	DRY	DRY	DRY	DRY	ISOL	ABN	ABN	ABN	MBN*	MBN**	BN*	AN
27	CHHATTISGARH	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	MBN*	MBN*	N	AN
28	COASTAL ANDHRA PRADESH	DRY	DRY	DRY	DRY	ISOL	ISOL	ISOL	N	ABN	ABN	N	N	N	AN
29	TELANGANA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	BN	N	N	AN
30	RAYALASEEMA	DRY	DRY	DRY	DRY	ISOL	ISOL	DRY	N	N	BN	N	AN	AN	AN
31	TAMILNADU & PUDUCHERRY	DRY	DRY	DRY	ISOL	SCT	SCT	ISOL	N	N	N	AN	N	N	AN
32	COASTAL KARNATAKA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	BN	N	N	N	N
33	NORTH INTERIOR KARNATAKA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	ABN*	BN	N	N	N	N
34	SOUTH INTERIOR KARNATAKA	DRY	DRY	DRY	DRY	DRY	ISOL	ISOL	N	ABN*	BN	AN	N	N	N
35	KERALA	ISOL	ISOL	DRY	DRY	ISOL	ISOL	SCT	N	N	N	N	N	AN	AN
36	LAKSHADWEEP	DRY	DRY	DRY	DRY	DRY	DRY	DRY	N	N	N	N	N	N	AN

LEGENDS FOR RAINFALL:												
WDS	WIDE SPREAD / MOST PLACES (76-100%)	FWS	FAIRLY WIDE SPREAD / MANY PLACES (51-75%)	SCT	SCATTERED FEW PLACES (26-50%)	ISOL	ISOLATED (UP TO 25%)					
DRY	NO STATION REPORTED RAINFALL	RAINFALL ACTIVITY		*	ACTIVE (E/P 1 ⁺ - 4 times the normal)	**	VIGOROUS (E/P More than 4 times)					
LEGENDS FOR TEMPERATURE:												
N	NORMAL (N-1,N+1)°C	BN	BELOW NORMAL (N-2)°C	ABN	APRECIABLY BELOW NORMAL (N-3, -4)°C	MBN	MARKEDLY BELOW NORMAL (N-5 AND BELOW)°C					
AN	ABOVE NORMAL (N+2)°C	AAN	APRECIABLY ABOVE NORMAL (N+3,+4)°C	MAN	MARKEDLY ABOVE NORMAL (N+5 AND ABOVE)°C							
*	Cold wave condition (Departure from Normal is -4°C to -5°C and -5°C to -6°C)				**	Severe Cold wave conditions (Departure from Normal is -6°C or less and -7°C or less)						

Reservoir Status (For the week ending on 01.01.2015)

- **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 89.95 BCM from the previous week's level of 92.98 BCM. Current storage is **lower** than the last year's position of 105.76 BCM and the average of last 10 year's storage of 90.17 BCM.

Table – 4: For 85 major reservoirs of the country

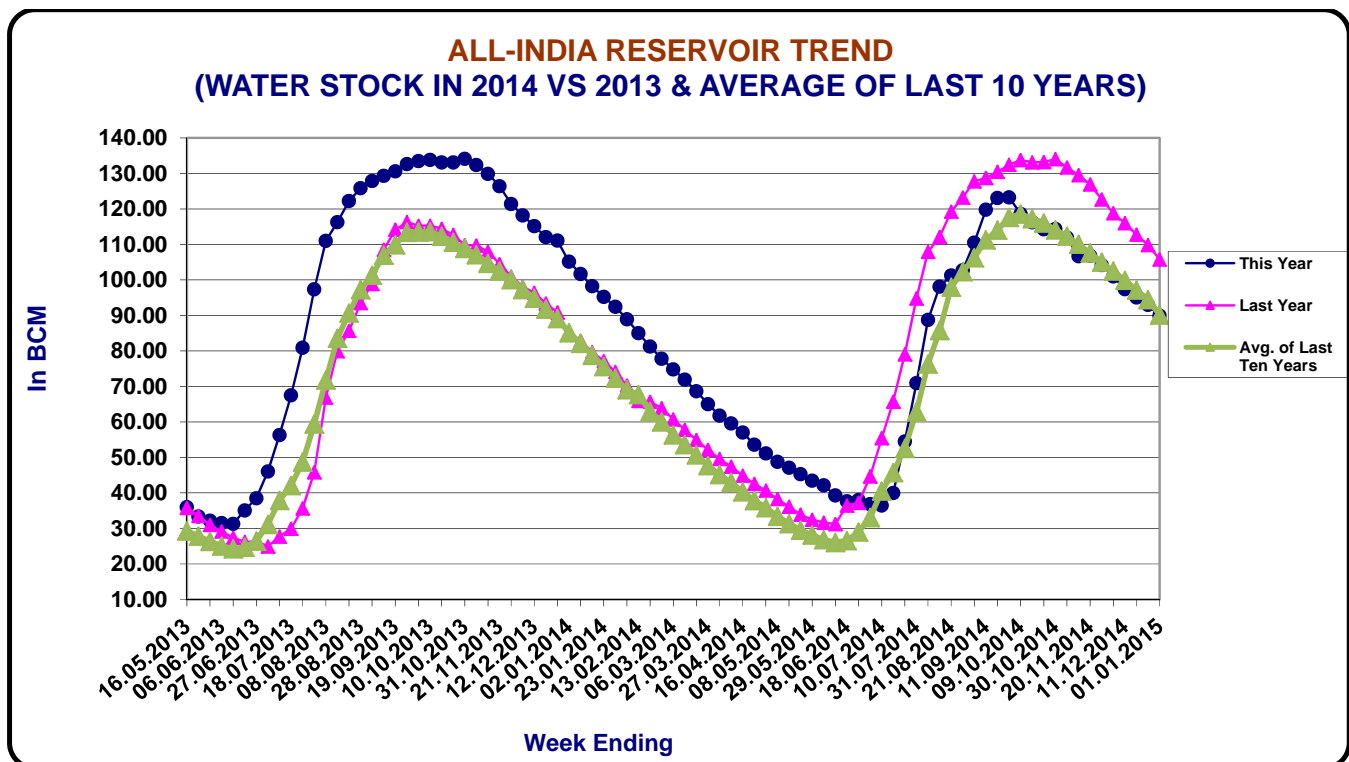
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	58	85	100
Last Week	60	85	98

The percentage to live capacity at FRL was 68% on 01/01/2014, 55% on 01/01/2013, 59% on 27/12/2012 and 62% on 29/12/2011.

* 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 (As on 31.12.2014)

(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 November, 2014</i>	<i>6714</i>	<i>3026</i>	<i>650</i>	<i>2228</i>	<i>1788</i>
<i>Availability upto 31.12.2014</i>	<i>8310</i>	<i>2606</i>	<i>978</i>	<i>2803</i>	<i>1363</i>
<i>Sales upto 31.12.2014</i>	<i>7575</i>	<i>2242</i>	<i>554</i>	<i>2083</i>	<i>923</i>
<i>Closing Stock as on 31.12.2014</i>	<i>735</i>	<i>364</i>	<i>424</i>	<i>720</i>	<i>441</i>
<i>Requirement of December, 2014</i>	<i>3663</i>	<i>675</i>	<i>287</i>	<i>941</i>	<i>620</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 02.01.2015

Crop Name	Normal Area	Average Area as on date	Area sown reported (In lakh hectares)			Absolute Change over (+/-)	
			02.01.2015	% of Normal	02.01.2014	Average as on date	Last Year
Wheat	290.44	285.75	293.16	100.9	294.30	7.4	-1.1
Rice	43.44	2.74	3.07	7.1	3.44	0.3	-0.4
Jowar	41.82	39.15	30.59	73.1	35.91	-8.6	-5.3
Maize	13.20	10.81	12.22	92.6	12.63	1.4	-0.4
Barley	6.75	6.94	7.51	111.3	6.91	0.6	0.6
Total Coarse Cereals	61.77	57.52	51.17	82.8	56.18	-6.4	-5.0
Total Cereals	395.65	346.01	347.40	87.8	353.92	1.4	-6.5
Gram	84.14	85.62	79.65	94.7	95.03	-6.0	-15.4
Lentil	14.82	15.21	14.79	99.8	15.01	-0.4	-0.2
Peas	7.43	7.74	8.41	113.2	8.18	0.7	0.2
Kulthi(Horse Gram)	2.12	4.62	4.72	222.6	4.31	0.1	0.4
Urad	8.30	4.91	6.62	79.8	6.18	1.7	0.4
Moong	7.06	3.82	4.58	64.9	4.60	0.8	0.0
Lathyrus	5.12	3.98	3.94	76.9	3.86	0.0	0.1
Others	3.08	6.94	7.28	236.1	7.64	0.3	-0.4
Total Pulses	132.08	132.83	129.99	98.4	144.79	-2.8	-14.8
Total Foodgrains	527.73	478.84	477.39	90.5	498.71	-1.4	-21.3
Rapeseed & Mustard	62.09	66.29	64.24	103.5	68.04	-2.1	-3.8
Groundnut	8.71	4.04	3.97	45.6	3.67	-0.1	0.3
Safflower	2.57	1.97	0.88	34.2	1.69	-1.1	-0.8
Sunflower	7.27	4.57	2.45	33.7	3.47	-2.1	-1.0
Sesamum	2.47	0.43	0.64	25.9	0.47	0.2	0.2
Linseed	3.46	3.61	2.87	83.1	3.14	-0.7	-0.3
Others	0.00	0.58	0.38	#DIV/0!	0.46	-0.2	-0.1
Total Oilseeds (Nine)	86.56	81.48	75.43	87.1	80.93	-6.0	-5.5
All- Crops	614.28	560.31	552.82	90.0	579.63	-7.5	-26.8

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

Period / commodities	Weight	Inflation (year on year)		
		Nov., 2014	Oct., 2014	Nov., 2013
All Commodities	100	0.00	1.77	7.52
Primary Articles	20.12	-0.98	1.43	15.29
(a) Food Articles	14.34	0.63	2.70	19.69
Cereals	3.37	2.09	3.29	11.27
Rice	1.79	5.55	6.47	14.99
Wheat	1.12	-2.31	-1.92	7.01
Pulses	0.72	4.43	4.02	-9.90
Gram	0.33	-11.47	-12.30	-25.53
Arhar	0.13	8.90	9.20	3.92
Moong	0.08	16.53	14.29	18.32
Masur	0.05	23.33	24.93	6.94
Urad	0.10	23.58	26.38	2.59
Vegetables	1.74	-28.57	-19.61	97.72
Potato	0.20	34.10	82.11	34.99
Onion	0.18	-56.28	-59.77	201.15
Fruits	2.11	14.78	19.35	13.57
Milk	3.24	10.00	11.39	6.92
Egg, Meat & Fish	2.41	4.36	-2.58	12.02
(b) Non-Food Articles	4.26	-3.65	-1.41	7.45
Oilseeds	1.78	-0.68	3.42	1.58
Fuel & Power	14.91	-4.91	0.43	11.08

Procurement:

Table – 7: Progressive procurement of Rice as on 02.01.2015 (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 02.01.2015 (lakh tonnes)

State	Total procurement in marketing season 2013-14 (Oct. – Sept.)	Progressive Procurement as on 02.01.2015	
		In Marketing season 2014-2015	In Marketing season 2013-2014
Andhra Pradesh	37.38	4.43	14.19
Telangana	44.00	12.29	0.00
Chhattisgarh	43.0	15.67	23.75
Haryana	24.06	19.95	23.96
Kerala	4.00	0.95	0.87
Madhya Pradesh	10.14	4.85	6.09
Maharashtra	2.00	0.63	0.54
Odisha	28.22	3.07	1.54
Punjab	81.06	77.81	81.05
Tamil Nadu	7.00	0.04	0.55
Uttar Pradesh	11.27	5.38	3.24
Uttarakhand	4.63	1.51	1.23
West Bengal	13.59	3.19	1.67
All-India	319.00	149.93	158.78