

F. No. 3-1/ 2015-16-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: 24.06.2015

SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON 19.06.2015.

Summary observations of the Group on Agenda Items

- **Details of the mean maximum temperature during the week 11th June to 17th June, 2015, were as under:-**
 - *Above normal by 2 to 4°C over isolated pockets of Himachal Pradesh and Uttarakhand.*
 - *Below normal by 4 to 6°C over isolated pockets of West Rajasthan, Odisha, Coastal Andhra Pradesh and Telangana. and 2 to 4°C over Arunachal Pradesh, many parts of Assam & Meghalaya, Tripura and Coastal Andhra Pradesh, some parts of West Rajasthan, West Madhya Pradesh, Gujarat Region, Chhattisgarh, Madhya Maharashtra, Odisha and Telangana, isolated pockets of Jammu & Kashmir, Punjab, Haryana & Delhi, East Rajasthan, East Madhya Pradesh, Saurashtra, Konkan, Marathwada, Vidarbha, Sub-Himalayan West Bengal and Rayalaseema.*
 - *Normal to near normal in remaining parts of the country.*
- **Details of the mean minimum temperature during the week 11th June to 17th June, 2015, were as under:-**
 - *Below normal by 2 to 4°C over many parts of West Madhya Pradesh, some parts of Jammu & Kashmir, East Rajasthan, Telangana and Coastal Andhra Pradesh, isolated pockets of Konkan, Marathwada, Vidarbha and Chhattisgarh.*
 - *Above normal by 2 to 4°C over isolated pockets of West Rajasthan and North Interior Karnataka.*
 - *Normal to near normal in remaining parts of the country.*
- ***In the monsoon season, weekly Rainfall for the country as a whole during the week 11th June to 17th June, 2015 was 20% higher than Long Period Average (LPA). Rainfall (% departure from LPA) in the four broad geographical divisions of the country during the above period was lower by 2% in North West India, and higher by 57% Central India, 4% in South Peninsula and 5% in East & North East India.***

- *In the monsoon season, cumulative Rainfall for the country as a whole during the period 1st June to 17th June, 2015 was 11% higher than Long Period Average (LPA). Rainfall (% departure from LPA) in the four broad geographical divisions of the country during the above period was higher by 19% in Central India, 0% in South Peninsula, 16% in East & North East India and lower by 7% in North West India.*
- *Out of a total of 36 met sub-divisions, 24 met sub-divisions constituting 77% of the total area of the country has received excess/normal rainfall and 12 met sub-divisions constituting 33% of the total area of the country has received deficient/scanty rainfall.*
- *Central Water Commission monitors 91 major reservoirs in the country which have total live capacity of 157.80 BCM at Full Reservoir Level (FRL). Current live storage in these reservoirs as on 18th June, 2015 was 39.61 BCM as against 38.40 BCM on 18.06.2014 (last year) and 28.48 BCM of normal (average storage of the last 10 years) storage. Current year's storage is 103% of the last year's storage and 139% of the normal storage.*
- *As per latest information available on sowing of Kharif crops, around 8.7% of the normal area under Kharif crops have been sown upto 19.06.2015. Area sown under all Kharif crops taken together has been reported to be 91.61 lakh hectares at All India level as compared to 98.88 lakh hectares in the corresponding period of last year.*
- *The All Commodities inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the month of May, 2015, increased to (-) 2.36% from the level of 2.65% in the month of April, 2015. The inflation rate was 6.18% 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 May, 2015, decreased to (-) 0.77% from the level of (-) 0.25% in the month of April, 2015. The inflation rate was 8.58% during the corresponding period of last year.*
- *The inflation for non-food items has increased to (-) 2.24% from the previous month's level of (-) 6.18% and for the food items decreased to 3.80% from the previous month's level of 5.73%.*
- *Among the foodgrains, inflation for Rice has decreased to (-) 1.77% from the previous month's level of (-) 0.04%, Cereals to (-) 0.13% from the previous month's level of 0.39%. Inflation for Pulses has increased to 22.84% from the previous month's level of 15.38% and Wheat to 2.79% from the previous month's level of 1.79%.*
- *All-India progressive procurement of Wheat as on 19.06.2015 for the marketing season 2015-16 was 274.67 lakh tonnes against the procurement of 269.32 lakh tonnes upto the corresponding period of last year.*

Monsoon Season (June – September) during the week ending on 17th June, 2015

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

- **Rainfall during the week (11th June, 2015 to 17th June, 2015)** Rainfall was excess/normal in 26 and deficient/scanty in 10 out of 36 meteorological sub-divisions.
- **Cumulative rainfall (01st June to 17th June, 2015)** Rainfall was excess/normal in 24 and deficient in 12 out of 36 meteorological sub-divisions.

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

Region	Week Ending (17.06.2015)				Cumulative (01.06.15 to 17.06.15)			
	(in mm)		Devi- ation (%)	Cat.	(in mm)		Devi- ation (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	13.3	13.5	-2	N	24.3	26.2	-7	N
Central India	53.3	33.9	57	E	71.7	60.4	19	N
South Peninsular India	39.7	38.3	4	N	82.5	82.1	0	N
East & North-East India	88.4	84.6	5	N	206.2	177.7	16	N
Country as a whole	43.9	36.6	20	E	80.7	72.8	11	N

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 Percentage Rainfall Departure for the last five years since: 1st June to

No. of Sub-Divisions with rainfall	For the period from 1 st June to					
	16 JUN 2010	15 JUN 2011	20 JUN 2012	19 JUN 2013	18 JUN 2014	17 JUN 2015
Excess	11	15	03	26	01	16
Normal	10	10	09	06	07	08
Total	21	25	12	32	08	24
Deficient	09	09	16	01	18	08
Scanty	06	02	08	03	10	04
No rain	00	00	00	00	00	00
Total	15	11	24	04	28	12
Data Inadequate	00	00	00	00	00	00
TOTAL	36	36	36	36	36	36
All-India % Rainfall Deviation	(-) 5%	3%	(-) 26%	54%	(-) 45%	11%

Source: IMD

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

SUB-DIVISIONWISE <i>REALISED</i> DAILY DISTRIBUTION OF RAINFALL & TEMPERATURE-2015																
S.No.	METEOROLOGICAL SUB-DIVISIONS	RAINFALL							MAXIMUM TEMPERATURE							
		11 JUN	12 JUN	13 JUN	14 JUN	15 JUN	16 JUN	17 JUN	11 JUN	12 JUN	13 JUN	14 JUN	15 JUN	16 JUN	17 JUN	
1	A & N ISLANDS	ISOL	WS	FWS	SCT	FWS	WS	WS	N	N	N	AN	N	N	N	
2	ARUNACHAL PRADESH	FWS	WS	WS*	WS*	WS*	FWS	FWS	N	ABN	ABN	BN	N	N	N	
3	ASSAM & MEGHALAYA	FWS*	FWS	WS*	FWS	FWS	FWS	FWS	ABN	ABN	ABN	BN	N	N	N	
4	NNMT	WS*	WS	SCT	FWS	FWS	FWS	SCT	N	N	N	N	N	N	N	
5	SHWB &SIKKIM	WS*	FWS	WS	SCT	SCT	ISOL	SCT	ABN	BN	BN	N	N	N	N	
6	GANGETIC W- BENGAL	ISOL	FWS	SCT	FWS*	FWS*	FWS*	SCT	AAN	N	BN	N	N	N	N	
7	ORISSA	DRY	WS	ISOL	FWS*	FWS*	SCT	SCT	AAN*	N	N	BN	N	N	N	
8	JHARKHAND	ISOL	SCT	FWS	SCT	FWS	ISOL	ISOL	AAN*	N	BN	ABN	N	N	N	
9	BIHAR	SCT	ISOL	SCT	SCT	ISOL	ISOL	ISOL	N	N	MBN	N	N	N	N	
10	EAST UTTAR PRADESH	DRY	DRY	ISOL	ISOL	ISOL	ISOL	ISOL	AN	AAN	N	N	N	N	N	
11	WEST UTTAR PRADESH	ISOL	ISOL	SCT	ISOL	ISOL	ISOL	DRY	N	AAN	BN	ABN	N	N	N	
12	UTTARAKHAND	DRY	ISOL	ISOL	SCT	ISOL	DRY	ISOL	AAN	AAN	N	ABN	N	N	AN	
13	HARYANA CHD. & DELHI	DRY	DRY	ISOL	WS	ISOL	DRY	DRY	N	AAN	N	ABN	N	N	N	
14	PUNJAB	ISOL	DRY	DRY	SCT	ISOL	DRY	DRY	N	AAN	N	N	N	N	N	
15	HIMACHAL PRADESH	FWS	DRY	ISOL	SCT	SCT	ISOL	DRY	AN	AN	BN	N	ABN	N	AN	
16	JAMMU & KASHMIR	FWS	ISOL	SCT	SCT	ISOL	SCT	ISOL	N	N	BN	N	MBN	AN	N	
17	WEST RAJASTHAN	ISOL	SCT	DRY	ISOL	ISOL	ISOL	ISOL	N	N	N	N	N	N	N	
18	EAST RAJASTHAN	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	N	N	N	BN	N	N	N	
19	WEST MP	SCT	ISOL	FWS	FWS**	ISOL	SCT	ISOL	N	N	MBN	ABN	N	AN	BN	
20	EAST MP	ISOL	ISOL	FWS	FWS*	ISOL	SCT	ISOL	AN	N	MBN	N	N	N	N	
21	GUJARAT REG. DD & NH	ISOL	ISOL	SCT	ISOL	SCT	SCT	SCT	N	N	N	N	N	AN	N	
22	SAURASTRA K & DIU	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	SCT	N	AAN	N	N	N	N	N	
23	KONKAN & GOA	SCT	WS	WS	WS*	WS*	WS	WS	N	N	N	BN	N	N	N	
24	MADHYA MAHARASHTRA	ISOL	ISOL	SCT	SCT	SCT	SCT	SCT	N	BN	BN	BN	N	N	N	
25	MARATHAWADA	FWS	FWS	WS**	WS*	WS	FWS	FWS*	N	BN	N	BN	N	N	N	
26	VIDARBHA	SCT	FWS	FWS*	FWS*	FWS*	SCT	WS*	N	BN	MBN	BN	N	N	ABN	
27	CHHATTISGARH	ISOL	SCT	ISOL	WS**	SCT	SCT	ISOL	AAN	N	MBN	N	N	N	BN	
28	COASTAL AP	ISOL	SCT	ISOL	FWS*	SCT	SCT	SCT	AN	ABN	ABN	ABN	N	N	BN	
29	TELANGANA	ISOL	ISOL	FWS	FWS**	FWS*	FWS*	FWS*	AN	N	MBN	ABN	N	AN	ABN	
30	RAYALASEEMA	ISOL	ISOL	ISOL	ISOL	ISOL	SCT	ISOL	AN	BN	N	BN	N	N	BN	
31	TAMIL & PUDUCHERRY	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	N	N	N	N	N	N	BN	
32	COASTAL KARNATAKA	SCT	WS*	WS	WS	WS	WS	WS	N	N	N	BN	N	N	N	
33	NORTH INT. KARNATAKA	ISOL	ISOL	ISOL	SCT	SCT	SCT	ISOL	AAN	N	N	BN	N	N	N	
34	SOUTH INT. KARNATAKA	ISOL	SCT	ISOL	FWS	SCT	SCT	SCT	AN	N	N	BN	N	N	N	
35	KERALA	FWS	WS	WS	WS*	FWS	WS	WS	N	N	AAN	AN	AN	N	AAN	
36	LAKSHADWEEP	FWS	WS	WS	WS	WS	WS	SCT	N	N	N	N	N	N	N	

LEGENDS FOR RAINFALL																	
WDS	WIDESPREAD/ MOST PLACES			FWS	FAIRLY WIDESPREAD/ MANY PLACES				SCT	SCATTERED/ FEW PLACES							
ISOL	ISOLATED			DRY	DRY		MD	MAINLY DRY		RAINFALL ACTIVITY			*	ACTIVE		**	VIGOROUS
LEGENDS FOR TEMPERATURE																	
N	NORMAL (N, 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 conditions							**	Severe Cold wave conditions								

Reservoir Status (For the week ending on 18.06.2015)

- **The Central Water Commission** monitors the live storage of **91** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **157.80** billion cubic meters (BCM), which is about 74% of total reservoir capacity in the country.
- Water stock in 91 major reservoirs **decreased** to 39.61 BCM from the previous week's level of 40.41 BCM. Current storage is **higher** than the last year's position of 38.40 BCM and more than the average of last 10 year's storage of 28.48 BCM.

Table – 4: For 91 major reservoirs of the country

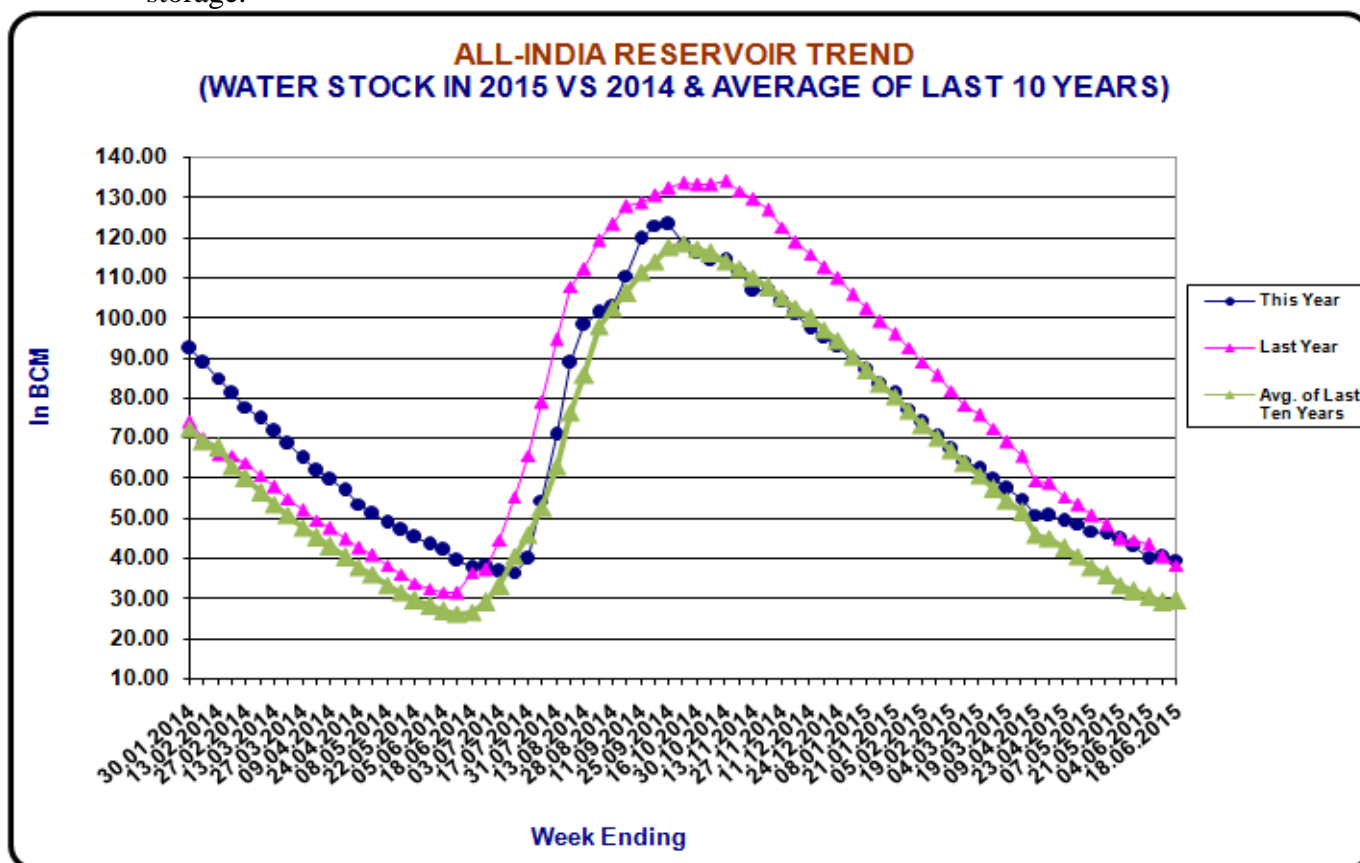
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	25	103	139
Last Week	26	100	139

The percentage to live capacity at FRL was 24% on 18/06/2014, 20% on 18/06/2013, 18% on 14/06/2012 and 23% on 16/06/2011.

* *Live storage as % to Full Reservoir Level (FRL) of 157.80 Billion Cub. Mts.(BCM)*

Source: CWC

- There were 64 reservoirs having storage more than 80%, 16 reservoirs having storage between 50% to 80% of Normal Storage, 04 reservoir having storage between 30% to 50% of Normal Storage and 07 reservoir having storage 30% or below of Normal Storage and 02 reservoir having no live storage.



Source: Central Water Commission

* The State wise details (reservoir position) are given in the Annex. III

Fertilizer Position:

Table – 5: Requirement, Availability, Sales and Stock position of Major Fertilizers Urea, DAP, MOP, Complex and SSP during Kharif 2015 (As on 18.06.2015)

(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 01.04.2015</i>	<i>130</i>	<i>224</i>	<i>289</i>	<i>407</i>	<i>256</i>
<i>Requirement for Kharif, 2015</i>	<i>15490</i>	<i>5093</i>	<i>1831</i>	<i>5273</i>	<i>3311</i>
<i>Requirement upto June, 2015</i>	<i>3016</i>	<i>1088</i>	<i>403</i>	<i>1056</i>	<i>711</i>
<i>Availability upto 18.06.2015</i>	<i>5990</i>	<i>1942</i>	<i>588</i>	<i>1868</i>	<i>1004</i>
<i>Sales upto 18.06.2015</i>	<i>5256</i>	<i>1317</i>	<i>229</i>	<i>860</i>	<i>472</i>
<i>Closing Stock as on 18.06.2015</i>	<i>735</i>	<i>625</i>	<i>359</i>	<i>1008</i>	<i>532</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 - Kharif (2015-16) as on 19-06-2015							
(In lakh hectares)							
Crop Name	Normal Area for whole Kharif Season	Normal Area as on date	Area sown reported			Absolute Change over (+/-)	
			This Year 2015	% of Normal for whole season	Last Year 2014	Normal as on date	Last Year
Rice	388.34	16.13	8.33	2.1	8.20	-7.8	0.1
Jowar	27.27	1.02	1.23	4.5	0.92	0.2	0.3
Bajra	84.80	0.71	0.18	0.2	1.22	-0.5	-1.0
Maize	72.50	8.08	4.86	6.7	8.78	-3.2	-3.9
Total Coarse Cereals	204.41	11.37	7.19	3.5	12.42	-4.2	-5.2
Total Cereals	592.75	27.50	15.52	2.6	20.62	-12.0	-5.1
Tur	39.28	0.73	0.82	2.1	0.63	0.1	0.2
Urad	23.78	0.47	0.79	3.3	0.50	0.3	0.3
Moong	24.46	0.98	1.60	6.5	1.51	0.6	0.1
Kulthi	2.67	0.00	0.07	2.6	0.01	0.1	0.1
Others	18.56	1.27	1.23	6.6	1.67	0.0	-0.4
Total Pulses	108.75	3.45	4.51	4.1	4.32	1.1	0.2
Total Foodgrains	701.50	30.95	20.03	2.9	24.94	-10.9	-4.9
Groundnut	44.97	1.02	1.36	3.0	0.79	0.3	0.6
Soyabean	104.00	0.34	0.56	0.5	0.53	0.2	0.0
Sunflower	3.39	0.25	0.21	6.3	0.30	0.0	-0.1
Sesamum	18.62	0.57	0.62	3.3	0.54	0.1	0.1
Nigerseed	3.44	0.00	0.00	0.0	0.00	0.0	0.0
Castorseed	10.77	0.05	0.03	0.3	0.05	0.0	0.0
Total Oilseeds	185.19	2.22	2.79	1.50	2.22	0.6	0.6
Cotton	114.96	24.38	19.66	17.1	20.00	-4.7	-0.3
Sugarcane	48.18	45.31	41.58	86.3	43.92	-3.7	-2.3
Jute & Mesta	8.77	8.06	7.55	86.1	7.81	-0.5	-0.3
All- Crops	1058.59	110.91	91.61	8.7	98.88	-19.3	-7.3

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

Period / commodities	Weight	Inflation (year on year)		
		May, 2015	April, 2015	May, 2014
All Commodities	100	-2.36	-2.65	6.18
Primary Articles	20.12	-0.77	-0.25	8.58
(a) Food Articles	14.34	3.80	5.73	9.64
Cereals	3.37	-0.13	0.39	7.81
Rice	1.79	-1.77	-0.04	12.75
Wheat	1.12	2.79	1.79	3.44
Pulses	0.72	22.84	15.38	-0.17
Gram	0.33	20.44	8.45	-13.61
Arhar	0.13	29.93	23.89	1.32
Moong	0.08	13.47	11.33	19.71
Masur	0.05	24.60	21.93	15.58
Urad	0.10	29.72	24.37	14.80
Vegetables	1.74	-5.54	-1.32	0.08
Potato	0.20	-51.95	-41.14	37.12
Onion	0.18	20.41	29.97	-3.46
Fruits	2.11	8.65	14.22	19.45
Milk	3.24	6.85	7.42	9.57
Egg, Meat & Fish	2.41	0.86	4.01	12.51
(b) Non-Food Articles	4.26	-2.24	-6.18	4.94
Oilseeds	1.78	-1.01	-1.80	4.97
Fuel & Power	14.91	-10.51	-13.03	10.53

Procurement:**Table – 7: Progressive procurement of Wheat as on 19.06.2015 (lakh tonnes)**

State	Total procurement in marketing season 2014-15 (April to March.)	Progressive Procurement as on 19.06.2015	
		In Marketing season 2015-2016	In Marketing season 2014-2015
Punjab	116.41	99.52	107.72
Haryana	64.95	67.56	64.14
Uttar Pradesh	6.28	21.18	4.91
Madhya Pradesh	70.94	72.61	70.94
Rajasthan	21.59	12.94	21.55
All-India	280.23	274.67	269.32