

**F.NO. 3-1/2009-NCFC – E&S**  
**GOVERNMENT OF INDIA**  
**MINISTRY OF AGRICULTURE**  
**DEPARTMENT OF AGRICULTURE & COOPERATION**  
**(NATIONAL CROP FORECASTING CENTRE)**

Room no. 344-A, Krishi Bhawan  
New Delhi, Dated: 27<sup>th</sup> August, 2009

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD  
ON 21.08.2009.**

**Summary observations of the Group on Agenda Item**

- *Cumulative rainfall received for the country as whole, during the period 1<sup>st</sup> June to 19<sup>th</sup> August, 2009 was 463.4 mm which is 26% below the L.P.A. Rainfall received (% departure from normal) in the four broad divisions of the country during the above period was (-37%) in North-West India, (-22%) in Central India, (-20%) in South Peninsula and (-27%) in North-East India.*
- *Rainfall was Excess/normal in 10 met sub-divisions, deficient in 25 met sub-divisions and scanty in only one (Haryana, Chd. & Delhi) met sub-division.*
- *In 81 important water reservoirs monitored by CWC in different parts of the country, total live storage has increased from 57.15 BCM on 13.08.2009 to 59.06 BCM on 20.08.2009.*
- *As on 21.08.2009, All-India area sown under kharif crops was 837.28 lakh ha. which is 72.9 lakh ha. (8%) less than the area coverage in the corresponding period of last year. Major decline in area is under Paddy crop (68.6 lakh ha.) mainly contributed by the States of Uttar Pradesh, Bihar, Jharkhand, Andhra Pradesh and West Bengal.*
- *Area under Pulses was reported to be 88.69 lakh ha. which is 6.1 lakh ha. more than the last year. Major increase was in case of Tur crop(3.3 lakh ha.) particularly in the States of Karnataka and Maharashtra.*
- *Area under Oilseeds was reported to be 154.10 lakh ha. which is 14.2 lakh ha. less than the last year. Decline in area is reported under Groundnut (12.0 lakh ha.), mainly in the States of Andhra Pradesh and Gujarat.*
- *Area under Cotton was reported to be 94.93 lakh ha. which is 10.4 lakh ha. more than the last year. Increase in area was mainly contributed by the States of Gujarat and Maharashtra.*
- *The incidence of pests & diseases generally remained below Economic Threshold Level (ETL) for most of the crops.*

- *The all-commodity inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the week ending 08.08.2009 increased to -1.53% from the previous week's level of -1.74%. The inflation rate was 12.82% during the corresponding period of last year.*
- *The inflation rate for foodgrains based on WPI for the week ending 08.08.2009 decreased to 12.45% from the previous week's level of 12.64%. Among the foodgrains, inflation for Wheat to 3.59% from the previous week's level of 3.55% and Rice has decrease to 15.43% from the previous week's level of 15.49%, Pulses to 17.59% from the previous week's level of 18.02% and Cereals to 11.60% from the previous week's level of 11.82%*
- *The inflation for non-food items decreased to -1.55% from the previous week's level of -2.74% and food items has increased to 10.55% from the previous week's level of 10.16%.*
- *All-India progressive procurement of Rice as on 21.08.2009 was 327.45 lakh tonnes which is much higher than the procurement of 289.07 lakh tonnes in the corresponding period of last year.*

## Salient aspects of discussions / presentations in the meeting

### **Rainfall & Temperature (As reported by India Meteorological Department, (IMD))**

#### **Monsoon Season Rainfall (June - September) during the week ending on 19<sup>th</sup> August, 2009**

- There has been **improvement in monsoon activity** over the country as a whole compared to last week, especially over Northwest and Northeast India.
- The rainfall **deficiency** for the country as a whole reduced from 29% on 12<sup>th</sup> August to 26% on 19<sup>th</sup> August 2009. Similarly, the deficiency reduced from 43% to 37% over Northwest India and from 36% to 27% over Northeast India.
- **Southwest monsoon was active/vigorous** over Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim, Bihar, Uttar Pradesh during many days and over Arunachal Pradesh, Uttarakhand during a few days of the week.
- **Fairly widespread/widespread rainfall** occurred over Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal during many of the week.
- **Scattered/fairly widespread** rainfall occurred over remaining parts of East and northwest India outside Jammu & Kashmir and Punjab where the **activity was isolated to scattered** during many days of the week.
- **Scattered/fairly widespread rainfall** occurred over Konkan & Goa, Karnataka, Rayalseema and Coastal Andhra Pradesh with **active/vigorous conditions** for one or two days.
- **Isolated to scattered rain/thundershowers** occurred over remaining parts of the country during many days of the week. The rainfall was **scanty** over Maharashtra, Gujarat and West Rajasthan.
- Out of 36 meteorological sub-divisions, **rainfall during the week** was excess / normal in 16 met sub-divisions and deficient / scanty in 20 met sub-divisions.
- Out of 36 meteorological sub-divisions, **cumulative rainfall (1<sup>st</sup> June to 19<sup>th</sup> August, 2009)** was in excess / normal in 10, deficient / scanty in 26 sub-divisions and no rain in one met sub-divisions.

**Table-1: Weekly and Cumulative Rainfall in four regions of the country <sup>1</sup>**

Region	Week Ending (19.08.09)				Cumulative (01.06.09 to 19.08.09)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
Actual	Normal	Actual			Normal			
<b>North-West India</b>	<b>56.6</b>	<b>51.0</b>	<b>11</b>	<b>N</b>	<b>271.3</b>	<b>427.8</b>	<b>-37</b>	<b>D</b>
<b>Central India</b>	<b>36.7</b>	<b>73.1</b>	<b>-50</b>	<b>D</b>	<b>547.4</b>	<b>704.1</b>	<b>-22</b>	<b>D</b>
<b>South Peninsular India</b>	<b>47.9</b>	<b>42.9</b>	<b>12</b>	<b>N</b>	<b>397.3</b>	<b>498.0</b>	<b>-20</b>	<b>D</b>
<b>North-East India</b>	<b>132.9</b>	<b>80.0</b>	<b>66</b>	<b>E</b>	<b>737.5</b>	<b>1010.1</b>	<b>-27</b>	<b>D</b>
<b>Country as a whole</b>	<b>60.4</b>	<b>61.5</b>	<b>-2</b>	<b>N</b>	<b>463.4</b>	<b>627.5</b>	<b>-26</b>	<b>D</b>

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

Source: India Meteorological Department, New Delhi

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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.*

## ***Weather Outlook / Forecast for the period 20<sup>th</sup> - 26<sup>th</sup> August, 2009 by IMD***

### **Outlook for the Week Ending 26<sup>th</sup> August, 2009**

- *Monsoon trough is likely to remain north of its normal position till 23<sup>rd</sup> August, 09 and come back to its normal position thereafter.*
- *A cyclonic circulation is likely to develop over northwest Bay of Bengal around 24<sup>th</sup> August and may move westward across Orissa and Chhattisgarh.*
- *Under the influence of the above systems, fairly widespread rainfall activity with isolated heavy to very heavy falls is likely along foothills of the Himalayas and northeastern states till 23<sup>rd</sup> August and decrease thereafter*
- *Fairly widespread rainfall is also likely over Bihar during next 48 hours and decrease thereafter.*
- *Fairly widespread rainfall activity likely along west coast and Maharashtra.*
- *Southwest monsoon rainfall activity is likely to improve over Orissa, south Chhattisgarh and north Andhra Pradesh from 24<sup>th</sup> August Maharashtra and Gujarat region from 25<sup>th</sup> August onwards with fairly widespread rainfall and isolated heavy to very heavy falls*
- *Subdued rainfall activity likely over northwest India and Rajasthan.*

### ***Warning:***

- ***Isolated heavy to very heavy rainfall is likely over Sub-Himalayan West Bengal & Sikkim Assam & Meghalaya, Arunachal Pradesh South Konkan & Goa, Coastal Karnataka, Kerala and Lakshadweep during next 48 hours.***
- ***Isolated heavy rainfall is likely over Orissa, Jharkhand, Gangetic West Bengal and Nagaland, Manipur, Mizoram & Tripura during next 48 hours.***

### **Zone-wise Weather Forecast:**

#### ***North-West India (J&K, HP, Uttaranchal, Punjab, Haryana, Delhi, West UP)***

- *Rain/thundershowers at a few places over Uttarakhand and Uttar Pradesh.*
- *Isolated rain/thundershowers over North Rajasthan and Haryana during next 24 hours and at a few places thereafter.*
- *Isolated rain/thundershowers over the rest region.*

#### ***East India (East UP, Bihar, Jharkhand, West Bengal & Sikkim, Orissa)***

- *Rain/thundershowers at many places over the region.*

***North-East India (Arunachal Pradesh, NMM&T, Assam & Meghalaya)***

- *Rain/thundershowers at most places over the region.*

***South India (Tamil Nadu, AP, Kerala, Karnataka, Andaman & Nicobar Islands, Lakshadweep)***

- *Rain/thundershowers at many places over Coastal Karnataka, Kerala, Lakshadweep and Telangana.*
- *Rain/thundershowers at a few places over the rest region.*

***West India (Maharashtra, Other than Vidarbha, Gujarat, Rajasthan)***

- *Rain/thundershowers at many places over Konkan & Goa, Madhya Maharashtra and Marathawada.*
- *Isolated rain/thundershowers are likely over the rest region.*

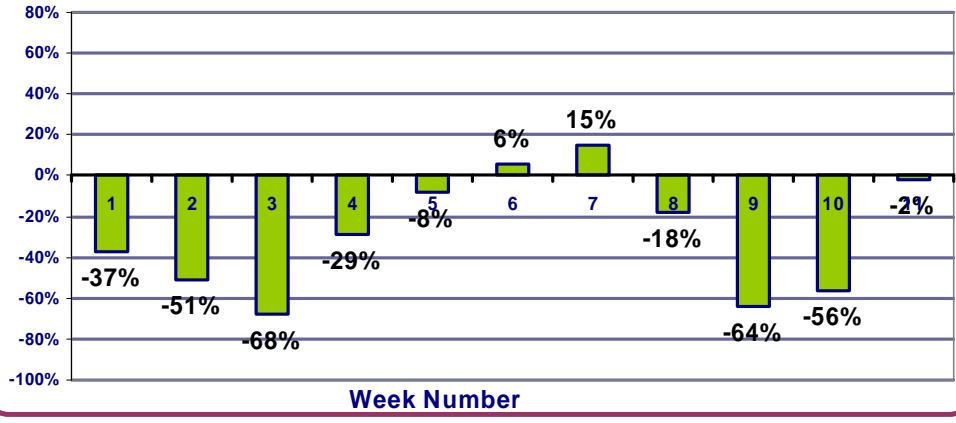
***Central India (MP, Chhattisgarh, Vidarbha)***

- *Rain/thundershowers at many places over South Madhya Pradesh, Chhattisgarh and Vidarbha during next 24 hours and decrease thereafter.*
- *Rain/thundershowers at a few places over the rest region..*

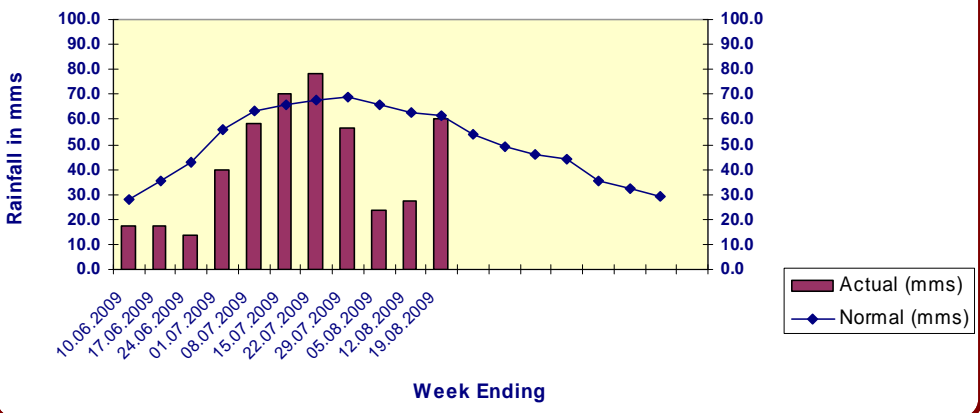


### Weekly Percentage Rainfall Deviation from Normal(LPA)- All India

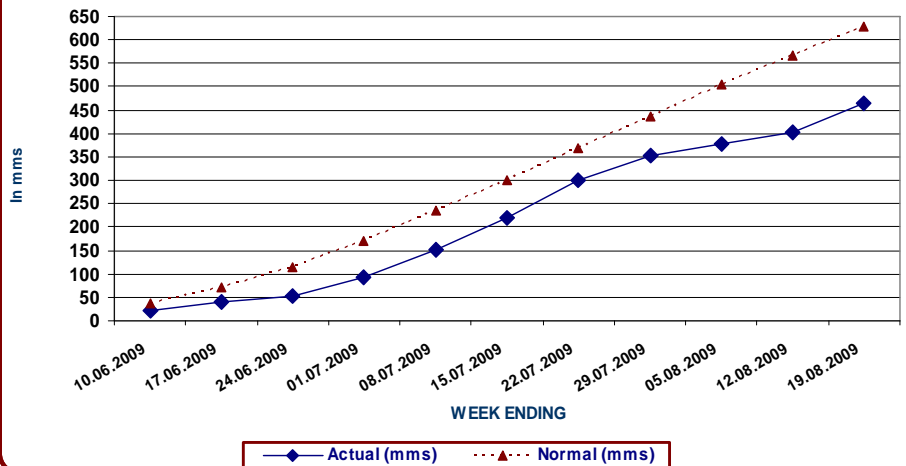
(Monsoon 2009 - from 01.06.2009 to 19.08.2009)



### Weekly Rainfall Distribution in Monsoon 2009 - All India



### Trend of All India Cumulative Rainfall Actual vs Normal in Monsoon 2009



## Reservoir Status (For the week ending on 20.08.2009)

- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **increased** to 59.06 BCM from the previous week's level of 57.15 BCM. Current storage is less than the last year's position of 88.25 BCM and the average of last 10 year's storage of 79.25 BCM.

**Table – 2: For 81 major reservoirs of the country**

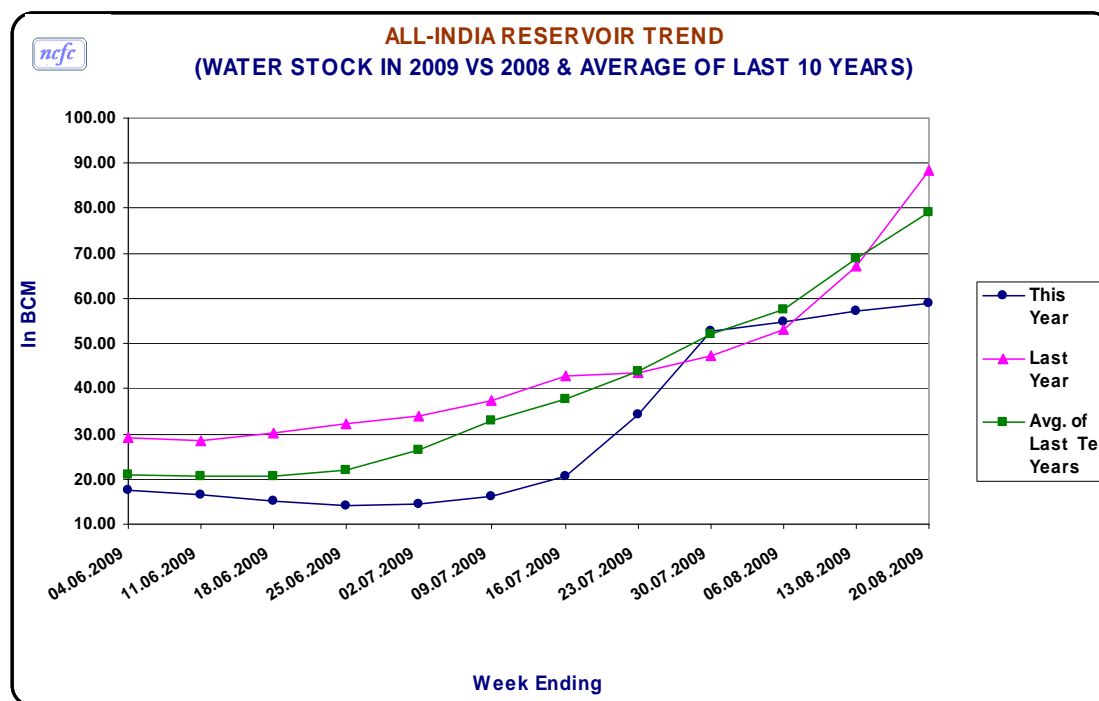
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	39	67	75
Last Week	38	85	83

The percentage to live capacity at FRL was 58% on 20/08/2008, 69% on 20/08/2007, 74% on 18/08/2006 and 68% on 18/08/2005 .

\* *Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)*

Source: CWC

- There were 36 reservoirs having storage more than 80%, 17 reservoirs having storage between 50% to 80% of Normal Storage, 19 reservoirs having storage between 30% to 50% of Normal Storage and 6 reservoirs having storage below 30% of normal storage.
- There were three reservoirs namely Sriramsagar (AP), Isapur (Maha) and Yeldari (Maha) having no live storage.



Source: Central Water Commission



## ***Fertilizer Position:***

***Table – 3: Requirement, Availability, Sales and Stock position of Major Fertilizers Urea, DAP and MOP during April, May, June July & August 2009***

*(in '000 Tonnes)*

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>	<i>Complex</i>
<i>Requirement as on 1<sup>st</sup> April to 20<sup>th</sup> August, 2009</i>	<i>11421</i>	<i>4046</i>	<i>1722</i>	<i>4014</i>
<i>Availability during 1<sup>st</sup> April to 20<sup>th</sup> August, 2009</i>	<i>8856</i>	<i>5027</i>	<i>1204</i>	<i>2654</i>
<i>Sales during 1<sup>st</sup> April to 20<sup>th</sup> August, 2009</i>	<i>7605</i>	<i>4529</i>	<i>1165</i>	<i>2381</i>
<i>Closing Stock as on 20.08.2009</i>	<i>1251</i>	<i>498</i>	<i>39</i>	<i>273</i>
<i>Requirement for September, 2009</i>	<i>2215</i>	<i>874</i>	<i>439</i>	<i>738</i>

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

## **Pest & Diseases:**

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

**Table:4**

<i>All India Crop Situation - Kharif (2009) as on 21-08-2009</i>							
Crop Name	Normal Area	(In lakh hectares)					Remarks
		Area sown reported			Change vis-à-vis prev. year		
		This Year	% of Normal	Last Year	Absolute	Percentage	
Changes in major States (abs. %)							
Rice	391.97	272.83	69.6	341.44	-68.6	-20.1	AP (-4.5, -28.8), Ass(-1.3, -6.50), Bih (-15.0, -44.2), Chhat (-1.7, -4.8), Guj(+0.4, +7.8), Har (-1.2, -9.9), Jhar (-10.2, -68.8), Kar (-1.0, -14.9), MP (-2.4, -17.6), Maha (-0.9, -6.8), Ori (-0.8, -2.7), TN (-0.9, -28.5), UP (-21.8, -36.0), WB (-6.2, -16.0)
Jowar	39.12	27.65	70.7	27.00	0.6	2.4	AP (-0.4, -27.3), Bih (-0.4, -92.5), Kar (+0.2, +91.8), MP (-0.7, -15.1), Maha (+1.6, +17.8)
Bajra	97.01	67.62	69.7	70.48	-2.9	-4.1	Har (-0.6, -9.8), Kar (+0.7, +40.6), MP (-0.2, -9.9), Maha (+3.6, +53.7), Raj (-3.4, -8.4), UP (-2.8, -33.6)
Maize	68.04	68.80	101.1	67.11	1.7	2.5	AP (-1.1, -21.9), J&K (+0.3, +19.6), Jhar (-0.8, -36.4), Kar(+2.5, +30.5), MP (-0.2, 2.3), Maha (+2.2, +52.6), UP (-0.8, -8.9)
Total Coarse Cereals	229.62	177.31	77.2	182.51	-5.2	-2.8	AP(-1.7, -23.9), Chhat (-0.5, -20.9), Har(-0.5, -6.8), J&K (+0.3,+19.9), Jhar (-0.8, -33.6), Kar (-0.4, -1.9), MP (-1.5, -8.7), Maha(+6.5, +29.6), Raj (-3.4, -6.0), UP (-3.1, -15.8)
Total Cereals	621.59	450.14	72.4	523.95	-73.8	-14.1	
Tur	35.80	31.65	88.4	28.37	3.3	11.6	AP(-0.8, -24.0), Chhat (-0.3, -19.7), Kar (+1.0, +28.3), MP (+0.7, +19.7), Maha(+2.7, +33.5),
Urad	24.32	19.54	80.4	18.41	1.1	6.2	MP (+1.3, +27.2), Maha (+0.5, +16.8), Ori (-0.2, -13.0), Raj (-0.2, -11.8), UP (-0.3, -7.3)
Moong	27.34	22.31	81.6	20.76	1.5	7.5	AP (-0.4, -17.2), Guj (+0.3, +27.0), Kar(+1.7, +85.2), MP (+0.2, 20.6), Ori (-0.3, -23.2)
Others	24.23	15.19	62.7	15.05	0.1	1.0	
Total Pulses	111.69	88.69	79.4	82.58	6.1	7.4	AP(-1.3, -20.5), Chhat (-0.4, -14.2),Guj (+0.3, +5.8), Kar (+2.8, +35.9), MP(+2.2, +23.5), Maha (+3.6, +22.9), Ori (-0.6, -14.0), Raj (-0.2, -1.1), TN (-0.2, -22.7), UP (-0.3, -4.5)
Total Foodgrains	733.28	538.83	73.5	606.53	-67.7	-11.2	
Groundnut	53.63	37.27	69.5	49.22	-12.0	-24.3	AP (-8.5, -62.0), Guj (-1.4, -7.5), Kar(-0.8, -14.2), Maha (+0.3,+12.0), TN (-0.8, -38.9), UP (-0.4, -40.7)
Soyabean	78.09	94.49	121.0	94.13	0.4	0.4	AP (+0.4, +24.5), Kar (+0.4, +19.2), MP (-0.4, -0.8), Maha (+12, +4.2), Raj (-1.4, -16.8)
Sunflower	8.05	4.29	53.3	3.75	0.5	14.4	AP (-0.2, -35.8), Kar (+0.8, +32.0)
Sesamum	17.54	12.97	73.9	13.34	-0.4	-2.8	Guj (-0.3, -11.0), Kar (+0.2, +42.9), MP (+0.2, +7.0), Raj (+0.2, +5.3), UP (-0.4, -23.9)
Niger	4.31	0.94	21.8	2.04	-1.1	-53.9	
Castor	7.48	4.15	55.5	5.78	-1.6	-28.2	
Total Oilseed	169.09	154.10	91.1	168.26	-14.2	-8.4	AP(-8.9, -49.9), Guj(-12.4, -10.0), Kar(+0.6, +5.3), MP(-1.1, -1.9), Maha (+1.4, +4.3), Ori (-0.3, -16.2), Raj (-1.8, -10.5), TN (-0.8, -33.1), UP (-0.8, -27.7)
Cotton	87.24	94.93	108.8	84.53	10.4	12.3	AP (+0.3, +2.8), Guj(+3.6, +15.9), Har (+0.7, +14.3), Kar (+0.4, +19.1), MP (+0.3, +4.2), Maha (+5.1, +17.2)
Sugarcane	44.02	42.50	96.6	43.79	-1.3	-2.9	AP (-0.3, -18.3), Bih(+0.8, +75.9), Kar(-0.3, -9.4), MP (-0.2, -24.7), Maha (-0.3, -4.4), UP(-0.8, -3.9),
Jute	7.98	6.92	86.7	7.06	-0.1	-2.0	
All- Crops	1041.61	837.28	80.4	910.17	-72.9	-8.0	

Source: Crops & TMOP Divisions, DAC

## Price Situation of Agricultural Commodities as submitted by the Department of Consumer Affairs

### Inflation

The all-commodity inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the week ending 08.08.2009 increased to(-)1.53% from the previous week's level of (-)1.74%. The inflation rate was 12.82% during the corresponding period last year.

The inflation rate in respect of (a) Primary article group increased by 0.62 percentage point to 5.79 (b) manufactured products by 0.14 percentage point to (-)0.63 and (c) Fuel, Power, Light and lubricant group declined by (-) 0.02 percentage point to (-)11.09.

### Procurement:

**Table – 5: Progressive procurement of Rice as on 21.08.2009 (lakh tonnes)**

State	Total procurement in marketing season 2007-08 (Oct. – Sept.)	Progressive Procurement as on 21.08.2009	
		In Marketing season 2008-2009	In Marketing season 2007-2008
Andhra Pradesh	74.17	85.03	66.10
Chhattisgarh	27.43	27.81	31.27
Haryana	15.72	14.25	15.72
Kerala	1.68	2.37	1.68
Maharashtra	1.60	2.57	1.54
Orissa	23.49	27.42	23.03
Punjab	79.07	85.52	94.55
Tamil Nadu	9.68	11.65	8.34
Uttar Pradesh	28.91	36.12	27.74
Uttaranchal	1.47	3.49	1.47
West Bengal	15.08	15.48	10.67
All-India	285.02	327.45	289.07