

**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: 20<sup>th</sup> August, 2009

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD  
ON 13.08.2009.**

**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 12<sup>th</sup> August, 2009 was 401.0 mm which is 29% below the L.P.A. Rainfall received (% departure from normal) in the four broad divisions of the country during the above period was (-43%) in North-West India, (-19%) in Central India, (-23%) in South Peninsula and (-36%) in North-East India.*
- *Rainfall was Excess/normal in 9 met sub-divisions, deficient in 25 met sub-divisions and scanty in two (West UP and Haryana, Chd. & Delhi) met sub-divisions.*
- *In 81 important water reservoirs monitored by CWC in different parts of the country, total live storage has increased from 54.84 BCM on 06.08.2009 to 57.15 BCM on 13.08.2009.*
- *As on 13.08.2009, All-India area sown under kharif crops was 805.37 lakh ha. which is 54.6 lakh ha. (6%) less than the area coverage in the corresponding period of last year. Major decline in area is under Paddy crop (57.1 lakh ha.) mainly contributed by the States of Uttar Pradesh, Bihar, Jharkhand and West Bengal.*
- *Area under Pulses was reported to be 88.24 lakh ha. which is 6.0 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 152.47 lakh ha. which is 11.7 lakh ha. less than the last year. Decline in area is reported under Groundnut (11.3 lakh ha.), mainly in the States of Andhra Pradesh and Gujarat.*
- *Area under Cotton was reported to be 93.69 lakh ha. which is 10.8 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 01.08.2009 decreased to -1.74% from the previous week's level of -1.58%. The inflation rate was 12.91% during the corresponding period of last year.*
- *All-India progressive procurement of Rice as on 13.08.2009 was 325.24 lakh tonnes which is much higher than the procurement of 271.78 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 12<sup>th</sup> August, 2009**

- Southwest monsoon was active/vigorous over Andaman & Nicobar Islands, northeastern States, West Bengal & Sikkim and Himachal Pradesh for one or two days when widespread/fairly widespread rain/thundershowers occurred over these regions.
- Scattered to fairly widespread rainfall also occurred over remaining parts of foothills of Himalayas.
- Widespread/fairly widespread rain/thundershowers occurred over Coastal Karnataka and scattered to fairly widespread rain/thundershowers occurred over Konkan & Goa and Kerala during many days of the week.
- Isolated to scattered rain/thundershowers occurred over remaining parts of the country outside West Rajasthan where weather was mainly dry during many days of the week.
- Out of 36 meteorological sub-divisions, **rainfall during the week** was excess / normal in 05 met sub-divisions and deficient / scanty in 31 met sub-divisions.
- Out of 36 meteorological sub-divisions, **cumulative rainfall (1<sup>st</sup> June to 12<sup>th</sup> August, 2009)** was in excess / normal in 09, deficient / scanty in 27 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 (12.08.09)				Cumulative (01.06.09 to 12.08.09)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devi-ation (%)	Cate-gory
	Actual	Normal			Actual	Normal		
North-West India	18.7	54.1	-65	S	213.7	376.8	-43	D
Central India	26.1	75.2	-65	S	510.0	631.1	-19	N
South Peninsular India	13.5	42.8	-68	S	349.6	455.1	-23	D
North-East India	63.9	77.1	-17	N	595.1	930.1	-36	D
Country as a whole	27.4	62.7	-56	D	401.0	566.0	-29	D

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

Source: India Meteorological Department, New Delhi

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 13<sup>th</sup> - 19<sup>th</sup> August, 2009 by IMD***

### **Outlook for the Week Ending 19<sup>th</sup> August, 2009**

- *The upper air cyclonic circulation which lies over East Uttar Pradesh and neighbourhood extending upto lower tropospheric levels is likely to move westward. Under its influence, fairly widespread rainfall activity with isolated heavy to very heavy falls is likely over plains of Northwest India north Madhya Pradesh, Himachal Pradesh and Uttarakhand during first half of the week.*
- *Fairly widespread rainfall activity is also likely over northeastern states and adjoining east and northeast India with isolated heavy to very heavy fall over Assam & Meghalaya, Arunachal Pradesh and Sub-Himalayan West Bengal & Sikkim during the week.*
- *Increase in rainfall activity over extreme South Peninsula during second half of the week.*
- *Subdued rainfall activity over remaining parts of the country.*

### **Warning:**

- *Isolated heavy to very heavy rainfall is likely over Uttarakhand, Uttar Pradesh, Sub-Himalayan West Bengal & Sikkim and Bihar and isolated over Himachal Pradesh, Madhya Pradesh, East Rajasthan, Assam & Meghalaya and Arunachal Pradesh.*

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

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

- *Rain/thundershowers at many places over Uttarakhand, Uttar Pradesh and Himachal Pradesh during next 24 hours and at most places thereafter.*
- *Rain/thundershowers at many places over Haryana & Delhi and East Rajasthan during next 24 hours and increase thereafter over Haryana..*
- *Rain/thundershowers at a few places over the rest region.*

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

- *Rain/thundershowers at most places over Bihar during next 48 hours and at many places thereafter.*
- *Rain/thundershowers at many places over the rest region.*

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

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

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

- *Rain/thundershowers at many places over Coastal Karnataka, Kerala and Andaman & Nicobar Islands.*
- *Rain/thundershowers at a few places over Interior Karnataka and Lakshadweep.*
- *Rain/thundershowers at a few places over South Tamil Nadu..*
- *Isolated rain/thundershowers over the rest region.*

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

- *Rain/thundershowers at many places over Konkan & Goa and Madhya Maharashtra.*
- *Rain/thundershowers at a few places over Gujarat region.*
- *Isolated rain/thundershowers over the rest region.*

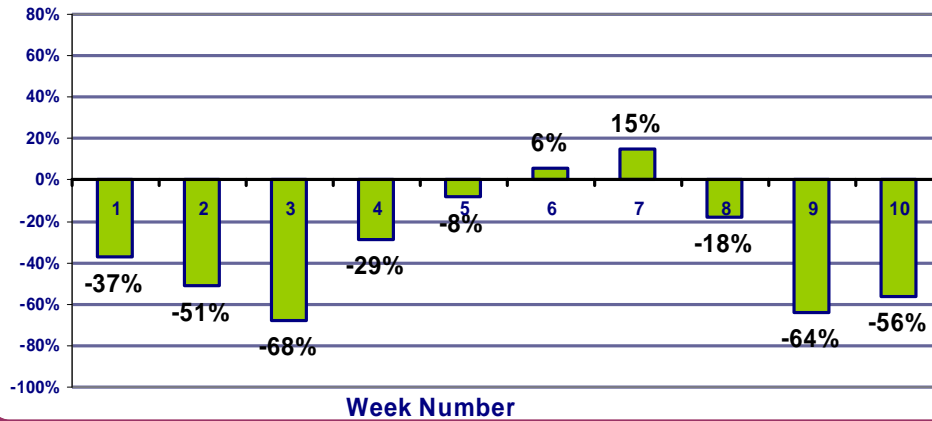
***Central India (MP, Chhattisgarh, Vidarbha)***

- *Rain/thundershowers at many places over Madhya Pradesh and North Chhattisgarh.*
- *Rain/thundershowers at few places over South Chhattisgarh and Vidarbha..*

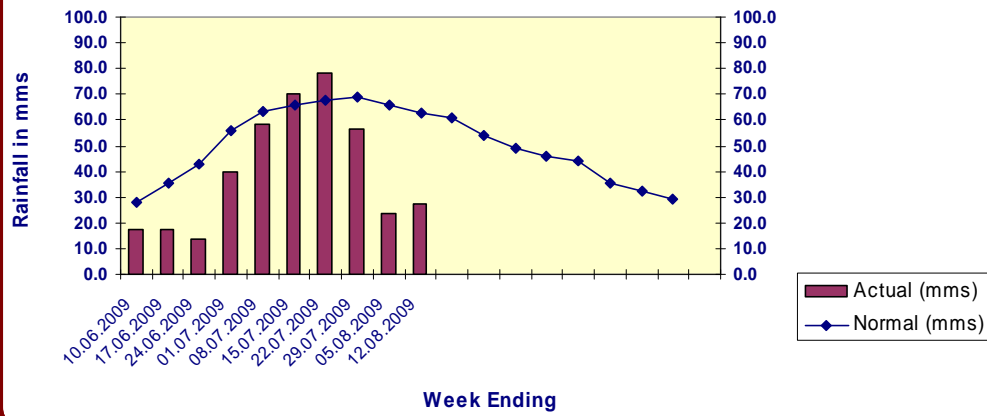


### Weekly Percentage Rainfall Deviation from Normal(LPA)- All India

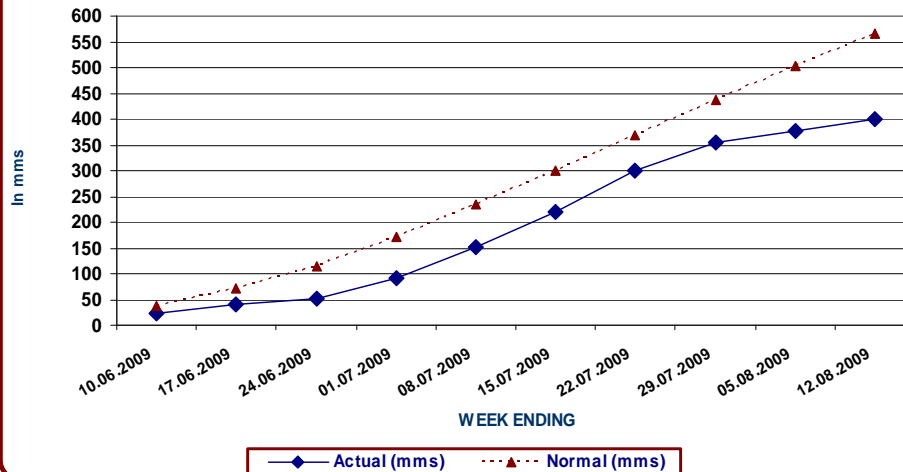
(Monsoon 2009 - from 01.06.2009 to 12.08.2009)



### 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 13.08.2009)

- 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 57.15 BCM from the previous week's level of 54.84 BCM. Current storage is less than the last year's position of 67.15 BCM and the average of last 10 year's storage of 68.85 BCM.

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

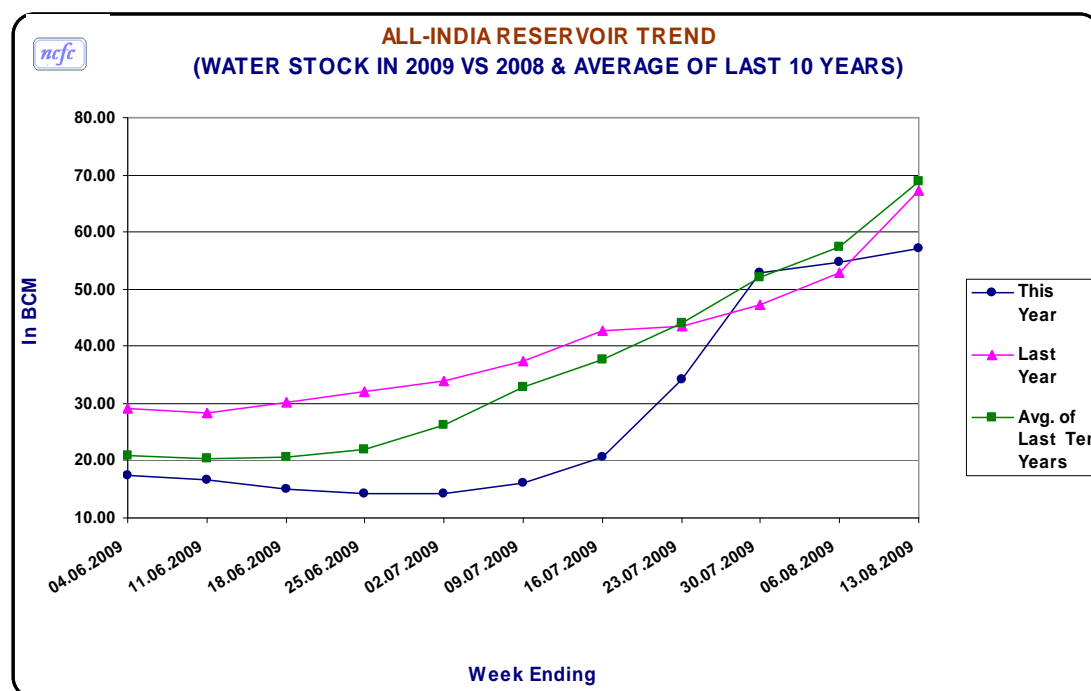
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	38	85	83
Last Week	36	104	95

The percentage to live capacity at FRL was 44% on 13/08/2008, 64% on 13/08/2007, 70% on 11/08/2006 and 65% on 11/08/2005 .

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

Source: CWC

- There were 39 reservoirs having storage more than 80%, 20 reservoirs having storage between 50% to 80% of Normal Storage, 13 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 – 4: 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 12<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 12<sup>th</sup> August, 2009</i>	<i>8154</i>	<i>4840</i>	<i>1186</i>	<i>2494</i>
<i>Sales during 1<sup>st</sup> April to 12<sup>th</sup> August, 2009</i>	<i>7048</i>	<i>4326</i>	<i>1138</i>	<i>2292</i>
<i>Closing Stock as on 12.08.2009</i>	<i>1107</i>	<i>515</i>	<i>47</i>	<i>202</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**

<b>All India Crop Situation - Kharif (2009) as on 13-08-2009</b>							
<b>Crop Name</b>	<b>Normal Area</b>	<b>(In lakh hectares)</b>					<b>Remarks</b>
		<b>Area sown reported</b>			<b>Change vis-à-vis prev. year</b>		
		<b>This Year</b>	<b>% of Normal</b>	<b>Last Year</b>	<b>Absolute</b>	<b>Percentage</b>	
<b>Changes in major States (abs. %)</b>							
<b>Rice</b>	<b>391.97</b>	<b>247.39</b>	<b>63.1</b>	<b>304.49</b>	<b>-57.1</b>	<b>-18.8</b>	AP (-2.7, -27.4), Ass(-0.3, -2.0), Bih (-13.6, -47.9), Chhat (-2.3, -6.8), Guj(+0.4, +7.8), Har (-1.2, -9.9), Jhar (-10.5, -71.0), Kar (-1.3, -18.5), Maha (+2.9, +43.2), TN (-0.9, -28.5), UP (-21.0, -35.4), WB (-5.8, -17.9)
<b>Jowar</b>	<b>39.12</b>	27.42	70.1	26.39	1.0	3.9	AP (-0.3, -26.2), Bih (-0.4, -92.5), Kar (+0.3, +11.8), MP (-0.7, -15.5), Maha (+1.8, +20.9), UP (+0.2, +11.3)
<b>Bajra</b>	<b>97.01</b>	67.30	69.4	67.37	-0.1	-0.1	Har (-0.6, -9.8), Kar (+1.1, +81.8), Maha (+4.9, +92.7), Raj (-3.4, -8.4), UP (-1.7, -23.8)
<b>Maize</b>	<b>68.04</b>	67.55	99.3	65.87	1.7	2.6	AP (-1.0, -20.8), J&K (-0.4, -22.7), Jhar (-0.8, -36.4), Kar(+2.9, +37.3), Maha (+2.2, +52.6), UP (-0.8, -8.9)
<b>Total Coarse Cereals</b>	<b>229.62</b>	<b>174.19</b>	<b>75.9</b>	<b>175.36</b>	<b>-1.2</b>	<b>-0.7</b>	AP(-1.5, -22.1), Chhat (-0.5, -20.9), Har(-0.5, -6.8), J&K (-0.4, -24.1), Jhar (-0.8, -33.6), Kar (+0.6, +3.1), MP (-1.4, -8.1), Maha(+8.7, +44.6), Raj (-3.4, -6.0), UP (-1.8, -9.7)
<b>Total Cereals</b>	<b>621.59</b>	<b>421.58</b>	<b>67.8</b>	<b>479.85</b>	<b>-58.3</b>	<b>-12.1</b>	
<b>Tur</b>	<b>35.80</b>	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),
<b>Urad</b>	<b>24.32</b>	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)
<b>Moong</b>	<b>27.34</b>	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)
<b>Others</b>	<b>24.23</b>	14.74	60.8	14.71	0.0	0.2	
<b>Total Pulses</b>	<b>111.69</b>	<b>88.24</b>	<b>79.0</b>	<b>82.25</b>	<b>6.0</b>	<b>7.3</b>	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)
<b>Total Foodgrains</b>	<b>733.28</b>	<b>509.82</b>	<b>69.5</b>	<b>562.10</b>	<b>-52.3</b>	<b>-9.3</b>	
<b>Groundnut</b>	<b>53.63</b>	36.91	68.8	48.19	-11.3	-23.4	AP (-8.0, -60.6), Guj (-1.2, -6.7), Kar(-0.9, -16.1), Maha (+0.4,+16.4), TN (-0.8, -42.6), UP (-0.4, -37.9)
<b>Soyabean</b>	<b>78.09</b>	93.77	120.1	92.78	1.0	1.1	AP (+0.4, +26.2), Kar (+0.4, +22.2), MP (-0.4, -0.8), Maha (+1.8, +6.6), Raj (-1.4, -16.8)
<b>Sunflower</b>	<b>8.05</b>	3.86	47.9	3.55	0.3	8.7	AP (-0.5, -93.8), Kar (+0.8, +30.87)
<b>Sesamum</b>	<b>17.54</b>	12.90	73.5	12.93	0.0	-0.2	Chhat (-0.2, -37.7), Guj (-0.2, 7.5), Kar (+0.2, +42.9), MP (+0.2, +11.2), Raj (+0.2, +5.3), UP (-0.2, -14.6)
<b>Niger</b>	<b>4.31</b>	0.93	21.6	1.70	-0.8	-45.3	
<b>Castor</b>	<b>7.48</b>	4.10	54.8	5.00	-0.9	-18.0	
<b>Total Oilseed</b>	<b>169.09</b>	<b>152.47</b>	<b>90.2</b>	<b>164.15</b>	<b>-11.7</b>	<b>-7.1</b>	AP(-8.4, -49.6), Chhat (-0.2, -9.8), Guj(-1.6, -6.8), Kar(+0.6, +5.2), MP(-0.9, -1.6), Maha (+2.2, +7.2), Ori (-0.2, -12.2), Raj (-1.8, -10.5), TN (-0.9, -36.9), UP (-0.6, -21.1)
<b>Cotton</b>	<b>87.24</b>	93.69	107.4	82.88	10.8	13.0	AP (+0.3, +2.9), Guj(+3.0, +13.9), Har (+0.7, +14.3), Kar (+0.9, +48.9), MP (+0.3, +4.2), Maha (+5.6, +19.39)
<b>Sugarcane</b>	<b>44.02</b>	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),
<b>Jute</b>	<b>7.98</b>	6.89	86.4	7.06	-0.2	-2.4	
<b>All- Crops</b>	<b>1041.61</b>	<b>805.37</b>	<b>77.3</b>	<b>859.98</b>	<b>-54.6</b>	<b>-6.4</b>	

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 01.08.2009 decreased to(-)1.74% from the previous week's level of (-)1.58%. The inflation rate was 12.91% during the corresponding period last year.

The inflation rate in respect of (a) Primary article group increased by 0.21 percentage point of 5.17 (b) manufactured products **decreased** by 0.19 percentage point to (-)0.77 and (c) Fuel, Power, Light and lubricant group declined by (-) 0.49 percentage point to (-)11.07.

### Procurement:

**Table – 5: Progressive procurement of Rice as on 13.08.2009 (lakh tonnes)**

State	Total procurement in marketing season 2007-08 (Oct. – Sept.)	Progressive Procurement as on 13.08.2009	
		In Marketing season 2008-2009	In Marketing season 2007-2008
Andhra Pradesh	74.17	83.90	65.84
Chhattisgarh	27.43	27.38	30.94
Haryana	15.72	14.25	15.72
Kerala	1.68	2.37	1.68
Maharashtra	1.60	2.55	1.52
Orissa	23.49	27.21	22.73
Punjab	79.07	85.52	78.83
Tamil Nadu	9.68	11.53	8.12
Uttar Pradesh	28.91	36.12	27.74
Uttaranchal	1.47	3.49	1.47
West Bengal	15.08	15.41	10.25
All-India	285.02	325.24	271.78

**Table – 6: Progressive procurement of Wheat as on 07.08.2009 (lakh tonnes)**

State	Total procurement in marketing season 2008-09 (April - March)	Progressive Procurement as on 31.07.2008	
		In Marketing season 2009-2010	In Marketing season 2008-2009
Punjab	99.41	107.19	99.39
Haryana	52.37	69.12	52.31
Uttar Pradesh	31.37	38.82	31.23
Madhya Pradesh	24.10	19.56	23.37
Rajasthan	9.35	11.52	9.35
All-India	226.89	252.92	225.44