

**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: 04<sup>th</sup> September, 2009

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD  
ON 28.08.2009.**

*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 26<sup>th</sup> August, 2009 was 514.1 mm which is 25% below the L.P.A. Rainfall received (% departure from normal) in the four broad divisions of the country during the above period was (-40%) in North-West India, (-20%) in Central India, (-14%) in South Peninsula and (-25%) in North-East India.*
- *Rainfall was Excess/normal in 13 met sub-divisions, deficient in 22met sub-divisions and scanty in 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 59.06 BCM on 20.08.2009 to 63.45 BCM on 27.08.2009.*
- *As on 28.08.2009, All-India area sown under kharif crops was 867.56 lakh ha. which is 76.8 lakh ha. (8%) less than the area coverage in the corresponding period of last year. Major decline in area is under Paddy crop (68.9 lakh ha.) mainly contributed by the States of Uttar Pradesh, Bihar, Jharkhand, Andhra Pradesh and West Bengal.*
- *Area under Pulses was reported to be 90.75 lakh ha. which is 2.9 lakh ha. more than the last year. Major increase was in case of Tur crop(1.0 lakh ha.) in the States of Madhya Pradesh and Maharashtra and for Moong crop (1.1 lakh ha.) in the State of Karnataka.*
- *Area under Oilseeds was reported to be 158.56 lakh ha. which is 14.5 lakh ha. less than the last year. Decline in area is reported under Groundnut (10.0 lakh ha.), mainly in the States of Andhra Pradesh and Gujarat.*
- *Area under Cotton was reported to be 96.21 lakh ha. which is 11.4 lakh ha. more than the last year. Increase in area was mainly contributed by the States of Gujarat, Maharashtra and Rajasthan.*
- *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 15.08.2009 increased to -0.95% from the previous week's level of -1.53%. 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 15.08.2009 increased to 13.12% from the previous week's level of 12.45%. Among the foodgrains, inflation for Cereals has increase to 11.97% from the previous week's level of 11.60% and Pulses to 20.18% from the previous week's level of 17.59%, Rice has decrease to 15.25% from the previous week's level of 15.43% and Wheat to 3.41% from the previous week's level of 3.59%.*
- *The inflation for non-food items decreased to -1.68% from the previous week's level of -1.55% and food items has increased to 13.29% from the previous week's level of 10.55%.*
- *All-India progressive procurement of Rice as on 28.08.2009 was 328.87 lakh tonnes which is much higher than the procurement of 291.00 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 26<sup>th</sup> August, 2009

- **Southwest monsoon was active /vigorous** over Orissa, Madhya Maharashtra, Marathwada, Telangana and North Interior Karnataka during many days, over Andaman & Nicobar Islands, Arunachal Pradesh, Sub-Himalayan West Bengal & Sikkim and Coastal & South Interior Karnataka during a few days and over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Jharkhand, Bihar, Konkan & Goa, Vidarbha, Chhattisgarh, Rayalseema and Kerala during one or two days of the week.
- **Fairly widespread/widespread rainfall** occurred over Andaman & Nicobar Islands, Northeastern States, East India, Maharashtra, Chhattisgarh, Telangana, Coastal & North Interior Karnataka, Kerala and Lakshadweep during many days of the week.
- **Scattered/fairly widespread rainfall** occurred over East Madhya Pradesh, Rayalseema and South Interior Karnataka during many days of the week and isolated on the remaining days of the week.
- **Isolated to scattered rain/thundershowers** occurred over Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Punjab, Himachal Pradesh, West Rajasthan, West Madhya Pradesh, Gujarat Region and Tamil Nadu & Puducherry during many days of the week except Jammu & Kashmir, West Rajasthan, West Rajasthan and Saurashtra & Kutch where weather was dry for a few days.
- Out of 36 meteorological sub-divisions, **rainfall during the week** was excess / normal in 20 met sub-divisions and deficient / scanty in 16 met sub-divisions.
- Out of 36 meteorological sub-divisions, **cumulative rainfall (1<sup>st</sup> June to 26<sup>th</sup> August, 2009)** was in excess / normal in 13, deficient / scanty in 23 met sub-divisions.

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

Region	Week Ending (26.08.09)				Cumulative (01.06.09 to 26.08.09)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
Actual	Normal	Actual			Normal			
<b>North-West India</b>	<b>11.3</b>	<b>43.5</b>	<b>-74</b>	<b>S</b>	<b>282.5</b>	<b>471.3</b>	<b>-40</b>	<b>D</b>
<b>Central India</b>	<b>65.1</b>	<b>59.2</b>	<b>10</b>	<b>N</b>	<b>612.1</b>	<b>763.3</b>	<b>-20</b>	<b>D</b>
<b>South Peninsular India</b>	<b>62.7</b>	<b>39.2</b>	<b>60</b>	<b>E</b>	<b>459.9</b>	<b>537.2</b>	<b>-14</b>	<b>D</b>
<b>North-East India</b>	<b>89.2</b>	<b>84.9</b>	<b>5</b>	<b>N</b>	<b>820.3</b>	<b>1095.0</b>	<b>-25</b>	<b>D</b>
<b>Country as a whole</b>	<b>51.9</b>	<b>54.6</b>	<b>-5</b>	<b>N</b>	<b>514.1</b>	<b>682.0</b>	<b>-25</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, Uttarakhand, 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 27<sup>th</sup> August - 02<sup>nd</sup> September, 2009  
by IMD***

***Outlook for the Week Ending 02<sup>nd</sup> September, 2009***

- *Axis of monsoon trough is likely to remain close to its normal position till 30<sup>th</sup> August, 09 and its Western end North of its normal position from 31<sup>st</sup> August, 09 onwards.*
- *A cyclonic circulation is likely to form over West-central Bay of Bengal on 31<sup>st</sup> August and may persist upto 2<sup>nd</sup> September, 09..*
- *A Westerly trough may affect Northwest India on 31<sup>st</sup> August, 09 to 2<sup>nd</sup> September, 09.*
- *Fairly widespread rainfall activity is likely over Central and East India during many days of the week..*
- *Fairly widespread rainfall activity is also likely over Northeast India and Andaman & Nicobar Islands during many days of the week..*
- *Subdued rainfall activity likely over parts of Northwest and Peninsular India during 1<sup>st</sup> half of the week and scattered to fairly widespread during 2<sup>nd</sup> half of the week..*

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

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

- *Rain/thundershowers at a few places over Uttarakhand, Uttar Pradesh, Punjab, Haryana, Himachal Pradesh and Jammu & Kashmir and South Rajasthan.*
- *Isolated rain/thundershowers over the rest region.*

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

- *Rain/thundershowers at many places over Orissa and West Bengal & Sikkim.*
- *Rain/thundershowers at a few places over the rest region..*

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

- *Rain/thundershowers at many places over Assam & Meghalaya during next 48 hours and decrease thereafter.*
- *Rain/thundershowers at a few places over the rest region.*

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

- *Rain/thundershowers at many places over Coastal Karnataka, Kerala, Coastal Andhra Pradesh, Telangana and Andaman & Nicobar Islands.*
- *Rain/thundershowers at a few places over the rest region outside Tamil Nadu where it will be isolated.*

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

- *Rain/thundershowers at many places over Gujarat during next 24 hours and decrease thereafter.*
- *Rain/thundershowers at many places over Konkan & Goa.*
- *Isolated rain/thundershowers over the rest region during next 24 hours and increase thereafter.*

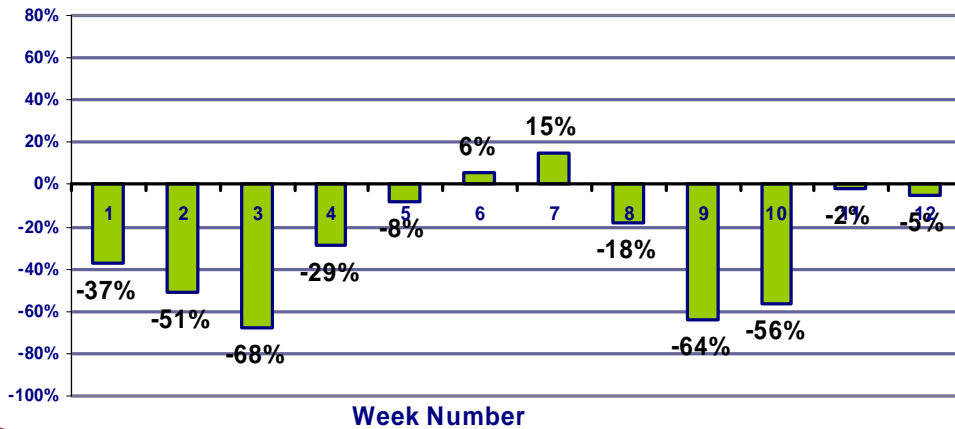
***Central India (MP, Chhattisgarh, Vidarbha)***

- *Rain/thundershowers at many places over East Madhya Pradesh and Chhattisgarh.*
- *Isolated rain/thundershowers over the rest region during next 24 hours and increase thereafter.*

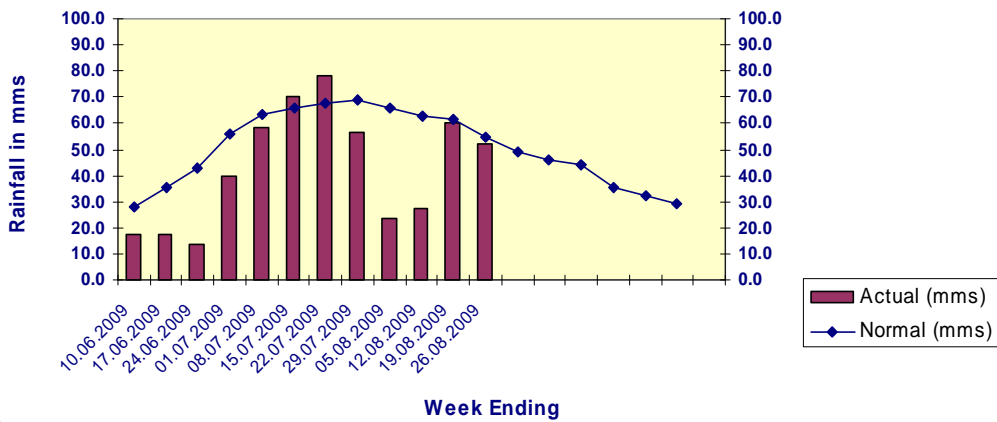


### Weekly Percentage Rainfall Deviation from Normal(LPA)- All India

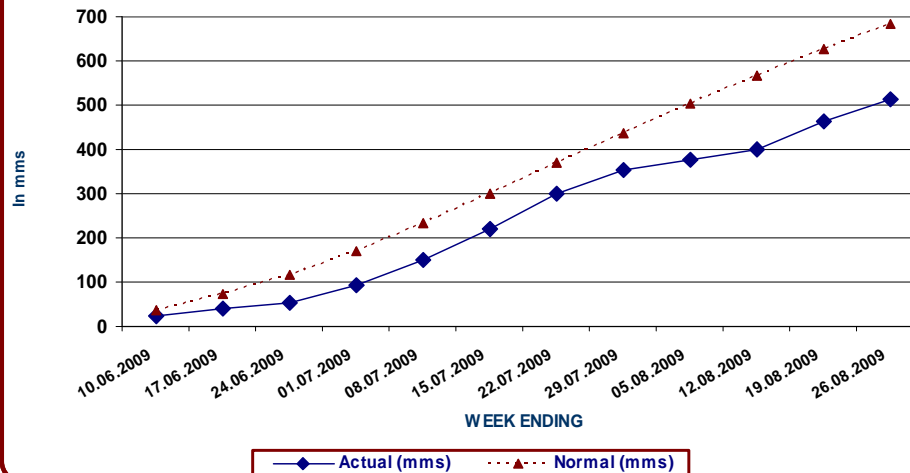
(Monsoon 2009 - from 01.06.2009 to 26.08.2009)



### 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 27.08.2009)

- 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 63.45 BCM from the previous week's level of 59.06 BCM. Current storage is less than the last year's position of 96.00 BCM and the average of last 10 year's storage of 86.71 BCM.

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

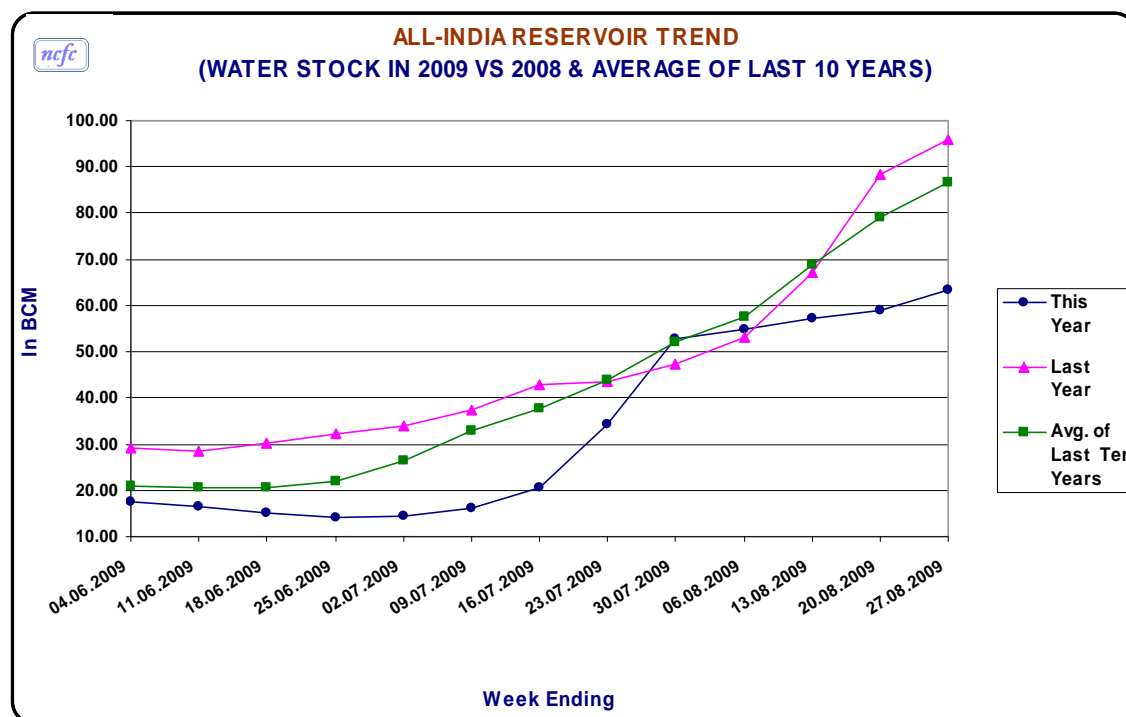
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	42	66	73
Last Week	39	67	75

The percentage to live capacity at FRL was 63% on 27/08/2008, 71% on 27/08/2007, 82% on 25/08/2006 and 74% on 25/08/2005 .

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

Source: CWC

- There were 33 reservoirs having storage more than 80%, 20 reservoirs having storage between 50% to 80% of Normal Storage, 21 reservoirs having storage between 30% to 50% of Normal Storage and 4 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

\* *The State wise details (reservoir position) are given in the annex IV*



### ***Fertilizer Position:***

***Table – 2: 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 27<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 27<sup>th</sup> August, 2009</i>	<i>9455</i>	<i>5186</i>	<i>1245</i>	<i>2761</i>
<i>Sales during 1<sup>st</sup> April to 27<sup>th</sup> August, 2009</i>	<i>8153</i>	<i>4688</i>	<i>1204</i>	<i>2495</i>
<i>Closing Stock as on 20.08.2009</i>	<i>1302</i>	<i>498</i>	<i>41</i>	<i>266</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 28-08-2009</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. %)							
<b>Rice</b>	<b>391.97</b>	<b>289.28</b>	<b>73.8</b>	<b>358.17</b>	<b>-68.9</b>	<b>-19.2</b>	AP (-6.6, -34.7), Ass(-1.5, -7.0), Bih (-13.5, -39.7), Chhat (-2.0, -5.7), Guj(-0.7, -9.5), Har (-1.2, -9.9), Jhar (-9.5, -62.2), Kar (-1.2, -15.7), MP (-2.4, -17.6), Maha (-1.5, -11.2), TN (-0.9, -28.4), UP (-21.8, -36.0), WB (-4.5, -10.8)
<b>Jowar</b>	<b>39.12</b>	<b>28.62</b>	<b>73.2</b>	<b>28.02</b>	<b>0.6</b>	<b>2.1</b>	AP (-0.3, -25.8), Bih (-0.4, -92.5), Kar (+0.2, +99.3), MP (-0.7, -15.1), Maha (+1.4, +14.9), TN (-0.3, -31.6)
<b>Bajra</b>	<b>97.01</b>	<b>68.47</b>	<b>70.6</b>	<b>73.01</b>	<b>-4.5</b>	<b>-6.2</b>	Har (-0.6, -9.8), Kar (+0.6, +33.2), MP (-0.2, -9.9), Maha (+1.6, +18.7), Raj (-3.4, -8.4), UP (-2.4, -28.1)
<b>Maize</b>	<b>68.04</b>	<b>69.47</b>	<b>102.1</b>	<b>68.44</b>	<b>1.0</b>	<b>1.5</b>	AP (-1.1, -21.9), J&K (+0.4, +21.5), Jhar (-0.7, -33.3), Kar(+2.3, +27.0), MP (-0.2, 2.3), Maha (+1.0, +17.6), UP (-0.8, -9.4)
<b>Total Coarse Cereals</b>	<b>229.62</b>	<b>183.04</b>	<b>79.7</b>	<b>189.24</b>	<b>-6.2</b>	<b>-3.3</b>	AP(-1.7, -23.7), Chhat (-0.3, -13.9), Har(-0.5, -6.8), J&K (+0.4,+21.7), Jhar (-0.8, -31.0), Kar (+1.4, +6.7), MP (-1.5, -8.7), Maha(+3.6, +13.9), Raj (-3.4, -6.0), TN (-0.9, -36.0), UP (-2.71, -13.2)
<b>Total Cereals</b>	<b>621.59</b>	<b>472.32</b>	<b>76.0</b>	<b>547.41</b>	<b>-75.1</b>	<b>-13.7</b>	
<b>Tur</b>	<b>35.80</b>	<b>32.78</b>	<b>91.6</b>	<b>31.76</b>	<b>1.0</b>	<b>3.2</b>	AP(-0.9, -24.4), Kar (+0.4, +8.5), MP (+0.7, +19.7), Maha(+1.5, +15.7),UP (-0.4, -8.7)
<b>Urad</b>	<b>24.32</b>	<b>20.02</b>	<b>82.3</b>	<b>19.10</b>	<b>0.9</b>	<b>4.8</b>	MP (+1.3, +27.2), Maha (+0.5, +15.6), Ori (-0.2, -13.0), Raj (-0.2, -11.8), UP (-0.6, -14.3)
<b>Moong</b>	<b>27.34</b>	<b>22.53</b>	<b>82.4</b>	<b>21.45</b>	<b>1.1</b>	<b>5.1</b>	AP (-0.5, -21.6), Kar(+1.6, +80.6), MP (+0.2, 20.6), Ori (-0.3, -23.2)
<b>Others</b>	<b>24.23</b>	<b>15.42</b>	<b>63.6</b>	<b>15.56</b>	<b>-0.1</b>	<b>-0.9</b>	
<b>Total Pulses</b>	<b>111.69</b>	<b>90.75</b>	<b>81.3</b>	<b>87.87</b>	<b>2.9</b>	<b>3.3</b>	AP(-1.5, -22.5), Bih (+0.2, +27.0), Kar (+1.9, +22.0), MP(+2.2, +23.5), Maha (+2.2, +12.9), Ori (-0.6, -14.0), Raj (-0.2, -1.1), TN (-0.2, -22.7), UP (-1.0, -11.5)
<b>Total Foodgrains</b>	<b>733.28</b>	<b>563.07</b>	<b>76.8</b>	<b>635.28</b>	<b>-72.2</b>	<b>-11.4</b>	
<b>Groundnut</b>	<b>53.63</b>	<b>40.24</b>	<b>75.0</b>	<b>50.20</b>	<b>-10.0</b>	<b>-19.8</b>	AP (-6.2, -44.4), Guj (-1.4, -7.6), Kar(-1.0, -17.1), Maha (+0.2,+6.8), TN (-0.9, -42.9), UP (-0.3, -26.6)
<b>Soyabean</b>	<b>78.09</b>	<b>94.95</b>	<b>121.6</b>	<b>95.19</b>	<b>-0.2</b>	<b>-0.3</b>	AP (+0.4, +25.2), Kar (+0.4, +19.2), MP (-0.4, -0.8), Maha (+0.6, +2.1), Raj (-1.4, -16.8)
<b>Sunflower</b>	<b>8.05</b>	<b>4.47</b>	<b>55.5</b>	<b>4.53</b>	<b>-0.1</b>	<b>-1.4</b>	Kar (+0.4, +12.8), Maha (-0.3, -29.8)
<b>Sesamum</b>	<b>17.54</b>	<b>13.69</b>	<b>78.1</b>	<b>13.67</b>	<b>0.02</b>	<b>0.2</b>	Guj (-0.3, -11.6), Kar (+0.2, +40.0), MP (+0.2, +7.0), Raj (+0.2, +5.3), TN (-0.2, -30.9)
<b>Niger</b>	<b>4.31</b>	<b>1.26</b>	<b>29.2</b>	<b>2.99</b>	<b>-1.7</b>	<b>-58.0</b>	
<b>Castor</b>	<b>7.48</b>	<b>4.26</b>	<b>56.9</b>	<b>6.74</b>	<b>-2.5</b>	<b>-36.8</b>	
<b>Total Oilseed</b>	<b>169.09</b>	<b>158.86</b>	<b>93.9</b>	<b>173.33</b>	<b>-14.5</b>	<b>-8.3</b>	AP(-6.5, -36.0), Chhat (-0.9, -26.7), Guj(-3.2, -13.1), MP(-1.1, -1.9), Maha (+0.4, +1.1), Raj (-1.8, -10.5), TN (-1.2, -41.2), UP (-0.2, -5.9)
<b>Cotton</b>	<b>87.24</b>	<b>96.21</b>	<b>110.3</b>	<b>84.86</b>	<b>11.4</b>	<b>13.4</b>	AP (-0.8, -6.8), Guj(+3.6, +15.9), Har (+0.7, +14.3), Kar (+0.3, +10.1), MP (+0.3, +4.5), Maha (+5.4, +18.2), Raj (+1.9, +86.1)
<b>Sugarcane</b>	<b>44.02</b>	<b>42.50</b>	<b>96.6</b>	<b>43.79</b>	<b>-1.3</b>	<b>-2.9</b>	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>	<b>6.92</b>	<b>86.7</b>	<b>7.06</b>	<b>-0.1</b>	<b>-2.0</b>	
<b>All- Crops</b>	<b>1041.61</b>	<b>867.56</b>	<b>83.3</b>	<b>944.32</b>	<b>-76.8</b>	<b>-8.1</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 15.08.2009 increased to(-)0.95% from the previous week's level of (-)1.53%. The inflation rate was 12.82% during the corresponding period last year.

The inflation rate in respect of (a) Primary article group increased by 1.91 percentage point to 7.70 (b) manufactured products group declined by (-)0.19 percentage point to (-)0.82 and (c) Fuel, Power, Light and lubricant group increased by 0.97 percentage point to (-)10.12.

### Procurement:

**Table – 5: Progressive procurement of Rice as on 28.08.2009 (lakh tonnes)**

State	Total procurement in marketing season 2007-08 (Oct. – Sept.)	Progressive Procurement as on 28.08.2009	
		In Marketing season 2008-2009	In Marketing season 2007-2008
Andhra Pradesh	74.17	85.69	66.59
Chhattisgarh	27.43	28.13	31.62
Haryana	15.72	14.25	15.72
Kerala	1.68	2.37	1.68
Maharashtra	1.60	2.58	1.57
Orissa	23.49	27.55	23.35
Punjab	79.07	85.52	94.57
Tamil Nadu	9.68	11.72	8.53
Uttar Pradesh	28.91	36.12	27.74
Uttaranchal	1.47	3.49	1.47
West Bengal	15.08	15.63	11.21
All-India	285.02	328.87	291.00