

**F.NO. 3-1/2008-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, the 25<sup>th</sup> February, 2009

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD  
ON 20.02.2009.**

*Summary observations of the Group on Agenda Item*

- *Cumulative rainfall received for the country as whole, during the period 1<sup>st</sup> January to 18<sup>th</sup> February, 2009 was 19.6 mm which is 42% less than the normal rainfall in the above period.*
- *Actual Mean Maximum temperature anomaly ranged between 4 to 6<sup>0</sup>C over most parts Arunachal Pradesh, Nagaland, Manipur, some parts of the Jammu & Kashmir, Himachal Pradesh, Assam, 2 to 4<sup>0</sup>C over most parts of Jharkhand, Orissa, Coastal Andhra Pradesh, some parts of Jammu & Kashmir, Himachal Pradesh Bihar, Central India, North East India, Telangana, Tamil Nadu, Lakshadweep, Andaman & Nicobar Islands, -2 to 0<sup>0</sup>C over most parts of Punjab, Haryana Delhi, West Uttar Pradesh, West Rajasthan, Saurashtra & Kutch, over some parts of Gujarat, East Rajasthan, North Madhya Pradesh, Uttarakhand, East Uttar Pradesh, Gangetic West Bengal, Vidarbha, Andaman Nicobar Island, 0 to 2<sup>0</sup>C over remaining parts of the country.*
- *Minimum Temperature anomaly ranged between 2 to 4<sup>0</sup>C over most parts of Sikkim, Arunachal Pradesh and West Rajasthan, some parts of Punjab, Himachal Pradesh, Bihar, Jharkhand, Assam, East Rajasthan, Gujarat, Saurashtra & Kutch, Madhya Maharashtra and East Madhya Pradesh, -2 to 0<sup>0</sup>C over most parts of Jammu & Kashmir, Mizoram, Karnataka, Tamil Nadu, Kerala and Andaman & Nicobar Islands, some parts of Punjab, Uttar Pradesh, Jharkhand, Orissa, Gangetic West Bengal, Tripura, Madhya Maharashtra, Marathwada, Vidarbha, Madhya Pradesh, Chhattisgarh, Coastal Andhra Pradesh and Lakshadweep Islands, -4 to -2 over some parts of Jammu & Kashmir, Orissa, Interior Karnataka and Tamil Nadu, 0 to 2<sup>0</sup>C over remaining parts of the Country.*
- *In 81 important water reservoirs monitored by CWC in different parts of the country, total live storage has gone down from 59.27 BCM on 12.02.2009 to 57.19 BCM on 19.02.2009.*
- *Area sown reported till 20.02.09 under Coarse Cereals, Pulses and Oilseeds during Rabi season was 107%, 121% and 103% of the normal area respectively.*
- *As on 20.02.09, area sown under all rabi crops taken together has been reported to be 614.16 lakh hectares at All India level as compared to 596.33 lakh hectares in the corresponding period of 2007-08.*

- *Area reported was higher by 2.9 lakh ha. under rice, 4.2 lakh ha. under Jowar, 6.8 lakh ha. under Gram, 1.5 lakh ha. under Lentil, 1.9 lakh ha. under Peas and 6.1 lakh ha. under Rapeseed & Mustard.*
- *Seed and fertilizer position is reported to be comfortable.*
- *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 07.02.2009 decreased to 3.92% from the previous week's level of 4.39%. The inflation rate was 4.98% during the corresponding period of last year.*
- *The inflation rate for foodgrains based on WPI for the week ending 07.02.2009 decreased to 12.09% from the previous week's level of 12.11%. Among the foodgrains, inflation for Wheat has increased to 5.37% from the previous week's level of 4.79% and Pulses to 16.56% from the previous week's level of 15.03% and inflation for Cereals has decreased to 11.46% from the previous week's level of 11.65% and Rice to 15.28% from the previous week's level of 16.22.*
- *The inflation for non-food items decreased to 3.77% from the previous week's level of 5.19% and for the food items to 10.37% from the previous week's level of 11.48%.*

## Salient aspects of discussions / presentations in the meeting

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

#### Winter Season Rainfall (January - February) during the week ending on 18<sup>th</sup> February, 2009

- **Isolated rain/thundershowers** occurred over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, West Bengal & Sikkim, Bihar, Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Punjab and West Rajasthan for one or two days during first half of the week.
- **Isolated to fairly widespread rain/snowfall** occurred over Jammu & Kashmir during many days of the week
- **Isolated rain/thundershowers** occurred over Lakshadweep and Kerala for one or two days during the week.
- Mainly **dry weather** prevailed over remaining parts of the country during the week.
- Out of 36 meteorological sub-divisions, **rainfall during the week** was Excess / normal in 01 met sub-divisions, deficient / scanty in 13 met sub-divisions and no rain in 22 met sub-divisions.
- Out of 36 meteorological sub-divisions, **cumulative rainfall (1<sup>st</sup> January to 18<sup>th</sup> February, 2009)** was in excess / normal in 01 and deficient / scanty in 28 sub-divisions and no rain in 07 met sub-divisions.

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

Region	Week Ending (18.02.09)				Cumulative (01.01.09 to 18.02.09)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devi-ation (%)	Cate-gory
	Actual	Normal			Actual	Normal		
<b>North-West India</b>	<b>5.7</b>	<b>10.6</b>	<b>-46</b>	<b>D</b>	<b>54.7</b>	<b>65.3</b>	<b>-16</b>	<b>N</b>
<b>Central India</b>	<b>0.0</b>	<b>2.5</b>	<b>-100</b>	<b>NR</b>	<b>2.5</b>	<b>15.3</b>	<b>-83</b>	<b>S</b>
<b>South Peninsular India</b>	<b>0.1</b>	<b>2.0</b>	<b>-97</b>	<b>S</b>	<b>2.6</b>	<b>12.1</b>	<b>-78</b>	<b>S</b>
<b>North-East India</b>	<b>0.9</b>	<b>6.5</b>	<b>-86</b>	<b>S</b>	<b>8.8</b>	<b>40.3</b>	<b>-78</b>	<b>S</b>
<b>Country as a whole</b>	<b>1.9</b>	<b>5.5</b>	<b>-65</b>	<b>S</b>	<b>19.6</b>	<b>34.0</b>	<b>-42</b>	<b>D</b>

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.

## **TEMPERATURE**

### **Fog Condition**

- Fog conditions in morning hours prevailed over some parts of Indo-Gangetic plains during the week.

### **Minimum Temperature**

- The minimum temperatures were below normal over Andaman & Nicobar Islands during second half of the week.
- They were above normal over Northeastern states, Sub-Himalayan West Bengal & Sikkim during many days of the week.
- They were above normal to appreciably above normal over many parts of northwest India, Rajasthan and Saurashtra & Kutch and above normal over remaining parts of west and central India during many days of the week.

## ***Weather Outlook / Forecast for the period 19<sup>th</sup> - 25<sup>th</sup> February, 2009 by IMD***

### **Outlook for the Week Ending 25<sup>th</sup> February, 2009**

- *A fresh Western Disturbance is likely to affect Northwestern parts of the country during 22-24<sup>th</sup> February 09, causing scattered precipitation over the western Himalayan region and isolated rain/thundershower over the adjoining plains of northwest India during the same period.*
- *Gradual rise in minimum and maximum temperatures are likely over West and Central India.*
- *Strong northwesterly winds are likely to prevail over the Indo-Gangetic plains during most of the days of the week.*
- *Isolated to scattered rain/thundershower are likely over Arunachal Pradesh and Assam & Meghalaya.*

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

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

- *Rain/snow is likely at a few places over **Jammu & Kashmir** during next 48 hours and Isolated places thereafter.*
- *Rain/snow is likely at a few places over **Himachal Pradesh and Uttarakhand** during next 24 hours and at Isolated places thereafter.*
- *Isolated rain/thundershowers are likely over **Punjab** during next 48 hours and mainly dry weather thereafter. Mainly dry weather is likely over the rest region.*

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

- *Isolated rain / thundershowers are likely over Sub-Himalayan West Bengal and Sikkim.*
- *Mainly dry weather is likely over the region.*

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

- *Isolated rain / thundershowers are likely over Arunachal Pradesh and Assam & Meghalaya during next 48 hours and at a few places thereafter.*
- *Mainly dry weather is likely over the rest region.*

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

- *Isolated rain/thundershowers are likely over Nicobar Islands.*
- *Mainly dry weather is likely over the rest region.*

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

- *Mainly dry weather is likely over the region.*

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

- *Mainly dry weather is likely over the region.*

## Reservoir Status (For the week ending on 19.02.2009)

- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 72% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **decreased** to 57.19 BCM. Current storage is less than the last year's position of 66.70 BCM and the average of last 10 year's storage of 56.23 BCM.

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

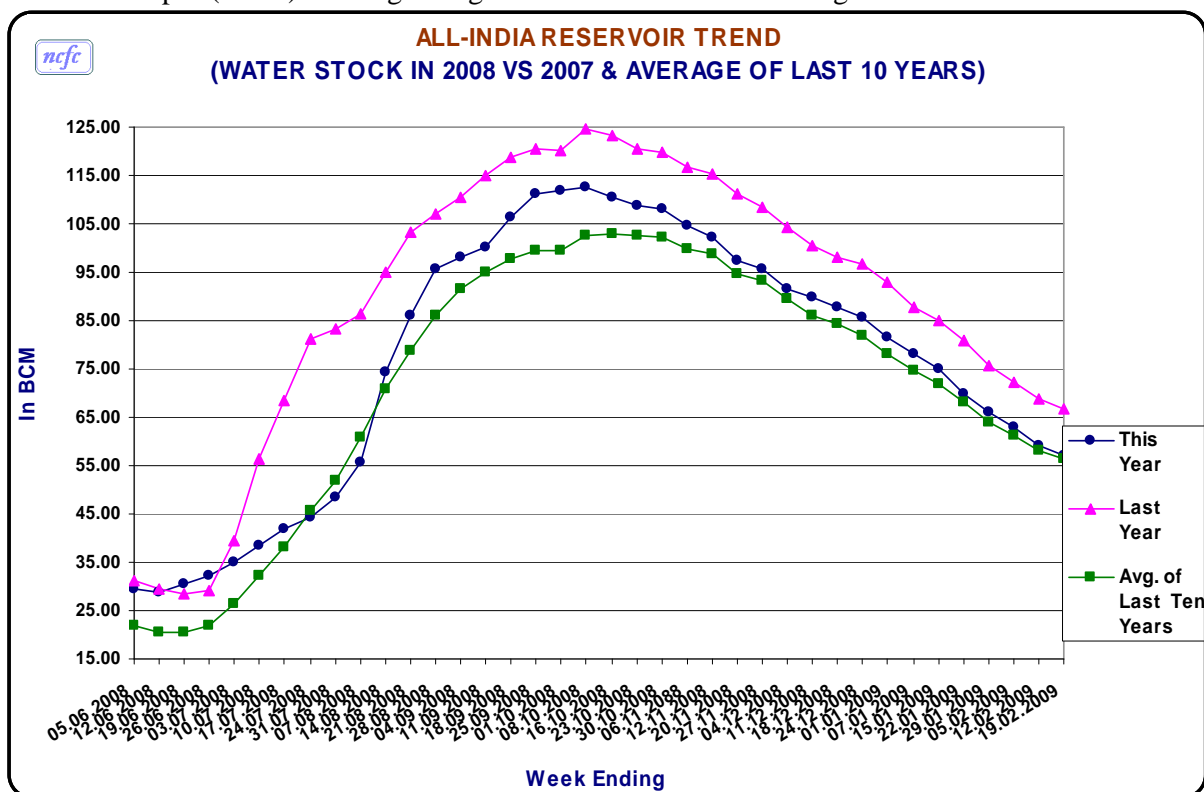
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	38	86	102
Last Week	39	86	102

The percentage to live capacity at FRL was 44% on 19/02/2008, 47% on 19/02/2007, 50% on 17/02/2006 and 34% on 17/02/2005 .

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

Source: CWC

- There were 48 reservoirs having storage more than 80%, 18 reservoirs having storage between 50% to 80% of Normal Storage and 7 reservoirs having storage between 30% to 50% of Normal Storage.
- There were eight reservoirs namely Gumti (Tripura), Sriramsagar (AP), Dantiwada (Guj), Yeldari (Maha), Harangi (Kar), Rana Prata Sagar (Raj), Vanivilas Sagar (Kar) and Isapur (Maha) having storage below 30% of normal storage.



Source: Central Water Commission

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

***Table – 3: Requirement, Availability, Sales and Stock position of Major Fertilizers Urea, DAP and MOP during 1<sup>st</sup> October to 19<sup>th</sup> February, 2009***

*(in '000 Tonnes)*

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>	<i>Complex</i>
<i>Requirement upto 01<sup>st</sup> October to 19<sup>th</sup> February, 2009</i>	<i>13302</i>	<i>4921</i>	<i>1838</i>	<i>4002</i>
<i>Availability during 1<sup>st</sup> October to 31<sup>st</sup> January, 2009</i>	<i>11573</i>	<i>3980</i>	<i>1715</i>	<i>3107</i>
<i>Sales during 1<sup>st</sup> October to 19<sup>th</sup> February, 2009</i>	<i>10610</i>	<i>3889</i>	<i>1460</i>	<i>2911</i>
<i>Closing Stock as on 19.02.2009</i>	<i>964</i>	<i>91</i>	<i>256</i>	<i>196</i>
<i>Requirement for March, 2009</i>	<i>1120</i>	<i>286</i>	<i>228</i>	<i>332</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 - Rabi (2008-09) as on 20-02-2009</b>								
Crop Name	IV Adv. Est.	Normal Area	Area sown reported (In lakh hectares)			Change vis-à-vis prev. year		Remarks
			This Year	% of Normal	Last Year	Absolute	Percentage	
								Changes in major States (abs. %)
Wheat	281.53	265.30	277.98	104.8	280.73	-2.8	-1.0	Bih (-0.2, -0.6), Guj (-1.9, -13.4), Har (+0.2,+0.6), Kar (+0.2, +7.8), MP (-1.0, -2.6), Maha(-2.4, -19.2), Raj (-3.4, -13.1), UP (+5.0, +5.6), WB (+0.5, +13.6)
Rice	43.88	37.31	33.25	89.1	30.32	2.9	9.7	AP (+1.2, +9.1), Ass (+1.2, +66.1), Kar (-0.5, -19.2), Ori (+0.4, +27.2), TN (+0.3, +16.0), WB (+0.5, +5.9)
Jowar	43.62	49.11	48.76	99.3	44.61	4.2	9.3	AP (-0.6, -24.8), Kar (+0.4, +3.1), Maha (+4.1, +14.6), TN (+0.2, +11.6)
Maize	11.28	8.15	11.37	139.6	10.38	1.0	9.5	AP (+0.5, +17.9), Bih (-0.2, -7.0), Kar (+0.4, +54.5), TN (+0.4, +34.6)
Barley	6.14	6.50	7.80	119.9	6.93	0.9	12.6	MP (+0.3, +46.7), Raj (+0.7, +22.4), UP (-0.1, -4.7)
Total Coarse Cereals	61.04	63.60	68.27	107.3	62.30	6.0	9.6	Bih (-0.3, -7.3), Kar (+0.7, +5.7), MP (+0.3, +44.4), Maha (+4.1, +14.1), Raj (+0.7, +22.4), TN (+0.6, +21.4), UP (-0.2, -7.5)
Total Cereals	386.45	366.21	379.50	103.6	373.35	6.1	1.6	
Gram	75.80	68.50	85.73	125.2	78.96	6.8	8.6	AP (-0.2, -2.7), Guj (-0.2, -8.5), Har (+0.2, +21.5), Kar (+1.4, +18.6), MP (+3.2, +13.2), Maha(-1.7, -12.5), Raj (+1.6, +12.4), UP (+2.6, +43.1)
Lentil	-	14.45	15.21	105.2	13.66	1.5	11.3	Bih (-0.1, -4.8), MP (+0.5, +10.8), UP (+1.1, +20.4)
Peas	-	7.41	8.44	113.9	6.50	1.9	29.8	MP (+0.7, +36.5), UP (+1.3, +39.7)
Kulthi(Horse Gram)	-	3.10	4.80	154.7	5.01	-0.2	-4.3	AP (-0.1, -24.5), Chhat(-0.1, -24.5), Ori (-0.2, -8.5), TN (+0.2, +104.8)
Urad	8.09	7.30	7.64	104.7	8.92	-1.3	-14.4	AP (-1.1, -30.0), Ori (-0.1, -2.8), TN (-0.3, -24.1), WB (+0.2, +33.3)
Moong	7.21	6.22	6.08	97.8	6.54	-0.5	-6.9	AP (-0.2, -16.9), Ori (-0.2, -5.0), TN (-0.1, -9.7)
Lathyrus	-	6.35	4.31	67.9	5.14	-0.8	-16.1	Chhat (-0.9, -18.3)
Others	31.07*	2.99	7.76	259.7	8.23	-0.5	-5.6	
Total Pulses	122.16	115.99	139.96	120.7	132.95	7.0	5.3	AP (-1.4, -11.8), Bih (-0.4, -8.8), Chhat (-1.2, -12.9), Har (+0.3, +25.0), Kar (+1.3, +14.2), MP (+4.4, +13.8), Maha(-2.1, -14.0), Ori (-0.6, -5.4), Raj (+1.8, +13.6), UP (+5.0, +33.9), WB (+0.4, +19.0)
Total Foodgrains	508.61	482.21	519.46	107.7	506.30	13.2	2.6	
Rapeseed & Mustard	57.49	63.25	65.91	104.2	59.85	6.1	10.1	Bih (-0.2, -12.9), Guj (-0.5, -13.5), Har (+0.8, +13.6), MP (+2.7, +49.2), Raj (+2.9, +11.5), UP (+0.9, +11.5), WB (-0.3, -5.6)
Groundnut	11.12	8.28	7.83	94.6	8.62	-0.8	-9.2	AP (+0.1, +4.0), Ori (-0.2, -14.1), TN (-0.8, -32.4)
Safflower	3.17	3.69	2.80	75.9	3.17	-0.4	-11.7	Guj (+0.1, +100.0), MP (-0.1, -100.0), Maha (-0.4, -16.1)
Sunflower	11.14	13.04	11.34	87.0	10.39	0.9	9.1	AP (+0.3, +8.1), Kar (+1.0, +20.7), MP (-0.1, -100.0), TN (-0.1, 31.3)
Sesamum	3.06	2.41	1.10	45.6	1.30	-0.2	-15.4	TN (-0.2, -31.7)
Linseed	3.87	4.50	4.51	100.3	4.86	-0.4	-7.2	Bih (-0.1, -16.3), Chhat (-0.2, -17.1), MP (+0.3, +23.6), Maha(-0.4, -48.6)
Others	0.52	0.54	1.19	220.4	1.84	-0.7	-35.3	
Total Oilseed (Nine)	90.36	92.21	94.70	102.7	90.03	4.7	5.2	AP (+0.4, +5.6), Bih (-0.3, -14.1), Chhat(-0.3, -9.7), Guj (-0.4, -10.3), Har (+0.6, +11.2), Kar (+1.2, +15.9), MP (+2.2, +29.8), Maha (-0.8, -17.4), Ori (-0.3, -8.5), Raj (+2.9, +11.5), TN (-1.1, -32.6), UP (+1.0, +12.2)
All- Crops	598.97	574.41	614.16	106.9	596.33	17.8	3.0	
Source: Crops & TMOP Divisions, DAC								
*:- Includes Lentil, Peas, Kulthi, Lathyrus, Cowpea, Avare and Moth etc. during 2007-08 Adv. Est. (E&S).								



## 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 07.02.2009 decreased to 3.92% from the previous week's level of 4.39%. The inflation rate was 4.98% during the corresponding period last year.

The inflation rate in respect of (a) Primary articles group **decreased** by 1.12% to 7.97% followed by (b) Manufactured products group by 0.58% to 4.94% and (c) Fuel, power, light and lubricant group increased by 0.51% to (-)3.03%. The share of these three groups in inflation during the week ending 07.02.2009 stood in the order of 46.87%, 69.68% and (-)16.71%.

### Procurement:

**Table – 5: Progressive procurement of Rice as on 17.02.2009 (lakh tonnes)**

State	Total procurement in marketing season 2007-08 (Oct. – Sept.)	Progressive Procurement as on 17.02.2009	
		In Marketing season 2008-2009	In Marketing season 2007-2008
Andhra Pradesh	74.17	33.72	25.65
Chhattisgarh	27.43	23.91	24.74
Haryana	15.72	14.02	15.39
Kerala	1.68	0.73	0.56
Maharashtra	1.60	1.43	1.17
Orissa	23.49	13.76	12.47
Punjab	79.07	82.97	75.95
Tamil Nadu	9.68	5.86	3.85
Uttar Pradesh	28.91	32.48	21.95
Uttaranchal	1.47	2.51	1.24
West Bengal	15.08	6.45	2.37
All-India	285.02	224.35	188.23

## Annexure

LIST OF PARTICIPANTS WHO ATTENDED THE MEETING OF CROP WEATHER WATCH GROUP HELD ON 20-02-2009.

**Shri R.C. Ray**

**E.S.A.**

**Chairman**

**DTE. OF ECO. & STAT.**

1. Shri Rajeev Lochan Adviser

**DEPARTMENT OF AGRICULTURE & COOPERATION**

2. Ram Sanehi Asstt. Director (Crops)

3. Shri T.P. Singh Asstt. Director (TMOP)

**C.W.C.**

4. Shri P.C.K. Singh Dy. Director

**P.P.Q & S.**

5. Shri V.K. Yadava Director (IPM)

**DEPTT. OF FERTILIZER**

6. Smt. Sunita Yadav Dy. Director

**N.C.F.C.**

7. Dr. Dalip Singh Dy. Stat. Adviser

**Note:** Representatives from I.C.A.R., I.M.D., Deptt. of Consumer Affairs, Deptt. of Food & PD, R.B.I., P.I.B. and N.R.A.A. did not attend the meeting. It is requested that they should regularly attend the meeting.