

**Advisory for DD Kisan dated 08.01.19**  
**(Agromet Advisories mentioned in the inputs are prepared by different Agromet Field Units in the country)**

**Significant Weather Features**

- Isolated to scattered rain/snow is likely over the western Himalayan region during next 24 hours, under the influence of the expected passage of a western disturbance from northeast Afghanistan and adjoining Pakistan. A fresh western disturbance in quick succession is very likely to cause fairly widespread to widespread rain/snowfall, once again over western Himalayan region from 10<sup>th</sup> evening to 13<sup>th</sup> January. Peak activity is likely on 12<sup>th</sup> January, when heavy rain/snow are likely at isolated places over Jammu & Kashmir and Himachal Pradesh. Isolated to scattered rainfall is also likely over the plains of northwest India during the same period.
- Dense fog is very likely to prevail at isolated places over the plains of northwest India in the morning hours of tomorrow.
- Cold wave conditions at isolated pockets are very likely to prevail over northern parts of Madhya Maharashtra during next two days and over Marathwada and Vidharbha tomorrow.

**Realised Rainfall**

**(From 0830 hours IST of yesterday to 0830 hours IST of today):**

- **Realised:** Rainfall observed at most places over Andaman & Nicobar Islands and at isolated places over Jammu & Kashmir, Uttarakhand, Manipur, Bihar and East Uttar Pradesh.

## 5 Day Rainfall Forecast (Mid-day) 8<sup>th</sup> January 2019

| Met-Sub-Division             | 08-Jan Today | 09-Jan Wed | 10-Jan Thu | 11-Jan Fri | 12-Jan Sat |
|------------------------------|--------------|------------|------------|------------|------------|
| 1. Andaman & Nicobar Islands | SCT          | SCT        | ISOL       | SCT        | SCT        |
| 2. Arunachal Pradesh         | ISOL         | ISOL       | DRY        | DRY        | DRY        |
| 3. Assam & Meghalaya         | ISOL         | ISOL       | DRY        | DRY        | DRY        |
| 4. N. M. M. & T.             | ISOL         | ISOL       | DRY        | DRY        | DRY        |
| 5. S.H. West Bengal & Sikkim | ISOL         | ISOL       | DRY        | DRY        | DRY        |
| 6. Gangetic West Bengal      | DRY          | DRY        | DRY        | DRY        | DRY        |
| 7. Odisha                    | DRY          | DRY        | DRY        | DRY        | DRY        |
| 8. Jharkhand                 | DRY          | DRY        | DRY        | DRY        | DRY        |
| 9. Bihar                     | DRY          | DRY        | DRY        | DRY        | DRY        |
| 10. East Uttar Pradesh       | DRY          | DRY        | DRY        | DRY        | ISOL       |
| 11. West Uttar Pradesh       | DRY          | DRY        | DRY        | ISOL       | ISOL       |
| 12. Uttarakhand              | DRY          | DRY        | ISOL       | SCT        | WS         |
| 13. Haryana, Chd & Delhi     | DRY          | DRY        | DRY        | ISOL       | SCT        |
| 14. Punjab                   | DRY          | DRY        | SCT        | SCT        | WS         |
| 15. Himachal Pradesh         | ISOL         | DRY        | SCT        | FWS        | WS         |
| 16. Jammu & Kashmir          | SCT          | DRY        | FWS        | WS         | WS         |
| 17. West Rajasthan           | DRY          | DRY        | DRY        | ISOL       | ISOL       |
| 18. East Rajasthan           | DRY          | DRY        | DRY        | DRY        | DRY        |
| 19. West Madhya Pradesh      | DRY          | DRY        | DRY        | DRY        | DRY        |
| 20. East Madhya Pradesh      | DRY          | DRY        | DRY        | DRY        | DRY        |
| 21. Gujarat Region           | DRY          | DRY        | DRY        | DRY        | DRY        |
| 22. Saurashtra & Kutch       | DRY          | DRY        | DRY        | DRY        | ISOL       |
| 23. Konkan & Goa             | DRY          | DRY        | DRY        | DRY        | DRY        |
| 24. Madhya Maharashtra       | DRY          | DRY        | DRY        | DRY        | DRY        |
| 25. Marathwada               | DRY          | DRY        | DRY        | DRY        | DRY        |
| 26. Vidharbha                | DRY          | DRY        | DRY        | DRY        | DRY        |
| 27. Chhattisgarh             | DRY          | DRY        | DRY        | DRY        | DRY        |
| 28. Coastal Andhra Pradesh   | DRY          | DRY        | DRY        | DRY        | DRY        |
| 29. Telangana                | DRY          | DRY        | DRY        | DRY        | DRY        |
| 30. Rayalaseema              | DRY          | DRY        | DRY        | DRY        | DRY        |
| 31. Tamilnadu & Puducherry   | DRY          | DRY        | DRY        | DRY        | DRY        |
| 32. Coastal Karnataka        | DRY          | DRY        | DRY        | DRY        | DRY        |
| 33. North Interior Karnataka | DRY          | DRY        | DRY        | DRY        | DRY        |
| 34. South Interior Karnataka | DRY          | DRY        | DRY        | DRY        | DRY        |
| 35. Kerala                   | DRY          | DRY        | DRY        | DRY        | DRY        |
| 36. Lakshadweep              | DRY          | DRY        | DRY        | DRY        | DRY        |

% Station Reporting Rainfall

| % Stations | Category                            | % Stations | Category                     |
|------------|-------------------------------------|------------|------------------------------|
| 76-100     | Widespread (WS/Many Places)         | 26-50      | Scattered (SCT/A Few Places) |
| 51-75      | Fairly Widespread (FWS/Many Places) | 1-25       | Isolated (ISOL)              |
| No Rain    | Dry                                 |            |                              |

## Weather Warning

- **08 January (Day 1):** Cold wave conditions very likely at isolated pockets over Marathwada, Vidarbha and north Madhya Maharashtra.  
Dense fog very likely at isolated places over Punjab, Haryana, Chandigarh & Delhi, West Uttar Pradesh, north Rajasthan and northwest Madhya Pradesh.
- **09 January (Day 2):** Cold wave conditions very likely at isolated pockets over north Madhya Maharashtra.
- **10 January (Day 3):** No Weather Warning.
- **11 January (Day 4):** No Weather Warning.
- **12 January (Day 5):** Heavy Rain/Snow at isolated places likely over Jammu & Kashmir and Himachal Pradesh

## **Salient Advisories**

### **Cold wave conditions and Advisory**

#### **Warning**

- Cold wave conditions very likely at isolated pockets over north Madhya Maharashtra during next 48 hours and over Marathwada and Vidarbha during next 24 hours.

#### **Advisory**

- In view of expected cold wave conditions/ ground frost in above regions, apply light and frequent irrigation/sprinkler irrigation in the evening to protect the crops from cold injury. To protect young fruit plants from cold winds, cover young fruit plants with straw/polythene sheets/gunny bags.

### **Fog and Advisories**

#### **Realised**

- Dense fog observed at isolated places over Chhattisgarh and moderate fog at isolated places over Delhi and West Uttar Pradesh at 0530 hours IST of today

#### **Forecast**

- Shallow to moderate fog very likely at isolated places in morning hours over northeast India during next 4-5 days.

#### **Warning**

- Dense fog very likely at isolated places over Punjab, Haryana, Chandigarh & Delhi, West Uttar Pradesh, north Rajasthan and northwest Madhya Pradesh on 9<sup>th</sup> January.

#### **Advisory**

- Monitor tomato, potato and onion crops for early/late blight disease. If symptoms are noticed, undertake appropriate plant protection measures.

### **Rain/snowfall and Advisory**

#### **Warning**

- Heavy Rain/Snow at isolated places likely over Jammu & Kashmir and Himachal Pradesh on 12<sup>th</sup> January.

#### **Advisory**

- Avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops. Provide adequate drainage in crop fields in Jammu & Kashmir and Himachal Pradesh.

## State-wise Advisories

### Assam and Arunachal Pradesh

- In Arunachal Pradesh, undertake harvesting of mature rice crop. In mustard, to control white rust, spray Bavistin @ 1 gm per litre of water.
- In Assam, in rice field, keep 5 cm standing water. In potato, to control late Blight, apply Redomil @ 2ml/litre. In rape seed –mustard to control Saw fly and aphid spray Dimethoate 30 EC or Ragor @ 2 ml per liter of water.

### Jammu & Kashmir

- In Intermediate Zone, in wheat to control yellow rust infestation apply Propiconazole (Tilt) 25 EC @ 0.1 % (1ml/litre of water) on clear weather. In oil seeds and mustard, to control Alternaria blight, apply Mancozeb @ 2.5 g/liter of water.
- In Valley Temperate Zone, provide drainage channels in the fields to avoid water logging.

### Uttarakhand

- In Sub humid sub tropic zone, complete sowing of wheat after harvesting of ratoon crop of sugarcane at the earliest .

### Chhattisgarh

- In Bastar Plateau Zone, in maize to control stem borer, use the granule of Phorate 10 G, 2-4 granules in each whorl part of the plant. In wheat, apply irrigation.
- In Chattisgarh Plain Zone, undertake field preparation/ sowing of rabi maize and sunflower.

### Gujarat

- In North Gujarat zone, in rice apply light irrigation in evening time to minimize cold effect. In mustard to control Aphid, apply Phosphamidon @ 3ml or Dimethoate @ 10ml or Monocrotophos @ 10ml in 10 litres of water.

### Punjab & Delhi

- In Punjab, to control of late blight of potato, spray Indofil M-45/Markzeb/Kavach @ 500-700 g in 250-350 litres of water.
- In Delhi, in gram to monitoring Pod borer , install Pheromone trap @ 3-4 traps per acre, if flowering has reached 10-15% then install “T” shaped bird perches in and around crop field for controlling insect population.

### Maharashtra

- In Konkan, in Ratnagiri, Raigad, Thane districts apply irrigation to rice nursery and groundnut.
- In Madhya Maharashtra, Marathwada and West Vidarbha, continue picking of cotton.
- In Madhya Maharashtra, in view of cold wave condition during next 48 hours, apply light and frequent irrigation to standing crops, orchards and vegetables during evening hours.
- In Marathwada, in view of cold wave condition during next 24 hours, apply light and frequent irrigation to vegetables and orchards like mango and grapes during evening and early morning hours. Use skirting bags (2-6 meshed white bags with thickness of 100 gauges) to cover banana bunch and use paper bags to cover fruit cluster in grape vines. Continue harvesting and threshing of matured pigeon pea.

- In Vidarbha, in view of cold wave condition during next 24 hours, apply light and frequent irrigation to standing crops and orchards during evening hours. Also apply organic mulches in orchards.
- In East Vidarbha, undertake transplanting of 22-25 days old summer rice.

### **Jharkhand**

- Raise nursery of summer rice. In mustard to control aphid spray Methyl Dematone @ 1.5 to 2 ml/litre of water. Undertake harvesting of matured early sown Toria.

### **Andhra Pradesh**

- In maize, to control fall army worm spray Emamectin benzoate @0.4 ml/lit (or) Thiomethoxam @2.5ml + Lamda cyahalothrin@1ml / litre of water
- In Andhra Pradesh, in maize, to control stem borer apply Carbofuron 3 G granules @ 4 kg/acre.