

**Advisory for DD Kisan dated 11.01.19**  
**(Agromet Advisories mentioned in the inputs are prepared**  
**by different Agromet Field Units in the country)**

**Significant Weather Features**

- The current Western Disturbance which is lying over Afghanistan & adjoining Central Pakistan along with its induced cyclonic circulation is very likely to cause fairly widespread to widespread rain/snow over Western Himalayan Region and isolated to scattered rainfall over Punjab and Haryana, Chandigarh & Delhi during next 2 days. Peak activity is likely tomorrow, when heavy rain/snow may occur at isolated places over Jammu & Kashmir and Himachal Pradesh.
- Isolated dense fog likely to occur over parts of northwest India in the morning hours of 13th and 14<sup>th</sup> January.

**Realised Rainfall**

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

- **Realised:** Rain/snow occurred at many places over Jammu & Kashmir and at isolated places over Himachal Pradesh. Rain/Thundershowers occurred at isolated places over Andaman & Nicobar Islands & Sikkim.

Day Rainfall Forecast (Mid-day)  
11th January 2019

Met-Sub-Division	11-Jan Today	12Jan Sat	13Jan Sun	14Jan Mon	15Jan Tue
1. Andaman & Nicobar Islands	SCT	SCT	ISOL	ISOL	ISOL
2. Arunachal Pradesh	ISOL	DRY	DRY	SCT	ISOL
3. Assam & Meghalaya	DRY	DRY	DRY	DRY	ISOL
4. N. M. M. & T.	DRY	DRY	DRY	DRY	ISOL
5. S.H. West Bengal & Sikkim	ISOL	DRY	ISOL	ISOL	ISOL
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	ISOL	DRY	DRY
11. West Uttar Pradesh	DRY	ISOL	ISOL	DRY	DRY
12. Uttarakhand	ISOL	WS	SCT	DRY	DRY
13. Haryana, Chd & Delhi	ISOL	SCT	ISOL	DRY	DRY
14. Punjab	SCT	SCT	DRY	DRY	DRY
15. Himachal Pradesh	FWS	WS	SCT	DRY	ISOL
16. Jammu & Kashmir	WS	WS	ISOL	DRY	ISOL
17. West Rajsthan	ISOL	ISOL	DRY	DRY	DRY
18. East Rajasthan	ISOL	ISOL	DRY	DRY	DRY
19. West Madhya Pradesh	DRY	DRY	DRY	DRY	DRY
20. East Madhya Pradesh	DRY	DRY	ISOL	DRY	DRY
21. Gujarat Region	DRY	DRY	DRY	DRY	DRY
22. Saurashtra & Kutch	DRY	ISOL	DRY	DRY	DRY
23. Konkan & Goa	DRY	DRY	DRY	DRY	DRY
24. Madhya Maharashtra	DRY	DRY	DRY	DRY	DRY
25. Marathawada	DRY	DRY	DRY	DRY	DRY
26. Vidharbha	DRY	DRY	DRY	DRY	DRY
27. Chhattisgarh	DRY	DRY	ISOL	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	ISOL	ISOL	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	ISOL	DRY
36. Lakshadweep	DRY	DRY	DRY	DRY	DRY

% Station Reporting Rainfall

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

## Weather Warning for Next Five days

- **11 January (Day 1):** Dense fog at isolated places in the morning hours very likely over West Uttar Pradesh and Assam & Meghalaya.
- **12 January (Day 2):** Heavy Rain/Snow at isolated places very likely over Jammu & Kashmir and Himachal Pradesh. Dense fog at isolated places in the morning hours very likely over Punjab, Haryana, Chandigarh and north Rajasthan.
- **13 January (Day 3):** Dense fog at isolated places in the morning hours very likely over Punjab, Haryana, Chandigarh & Delhi, north Rajasthan and West Uttar Pradesh.
- **14 January (Day 4):** No Weather Warning.
- **15 January (Day 5):** No Weather Warning

## Fog and Advisories

### Realized

- Dense to very dense fog observed at isolated places over West Uttar Pradesh; moderate fog observed at isolated places over Delhi, East Uttar Pradesh, Bihar and south Coastal Andhra Pradesh at 0830 hours IST of today.

### Forecast

- Shallow to moderate fog very likely at isolated places in morning hours over plains of northwest India during next 2 days and over northeast India during next 3-4 days

### Warning

- Dense fog at isolated places in the morning hours very likely over Assam & Meghalaya on 11th, over West Uttar Pradesh on 11th and 13th, over Punjab, Haryana, Chandigarh and north Rajasthan on 12th and 13th 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

- Rain/snow likely at most places over Jammu & Kashmir on 11th and 12th, over Uttarakhand on 12th, at most/many places over Himachal Pradesh on 11th and 12th, along with heavy rain/snow at isolated places very likely over Jammu & Kashmir and Himachal Pradesh on 12th 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

### Andaman & Nicobar Islands:

- In Andaman Islands, harvest the lodged paddy C 14-8 immediately to avoid losses. Do earthing up and provide support to the tomato and chilli, to minimize the losses occurred due to the cyclone “PABUK”. Do strengthen the loosen roots zone of fruit bearing brinjal plants.
- In Nicobar Islands, provide support to drumstick tree those affected by cyclone “PABUK”.

### Assam & Meghalaya

- Prevailing foggy weather condition is congenial for occurrence of the blight disease in potato and tomato. To control the disease undertake spraying with Mancozeb 75% (Indofil M 45/ Dithane M 45) @ 2.5g/litre of water close to the crop canopy at an interval of 7-10 days
- In Hill Zone of Assam, in view of falling both maximum and minimum temperatures, apply light irrigation at evening time to protect the crop from probable frost.

### Odisha

- Complete transplanting of summer paddy in January for better yield. Carry on harvesting the matured Arhar pods. Complete the transplanting of 8-10 week old onion seedlings.

### Uttarakhand

- Undertake sowing of tomato, brinjal and capsicum in the nursery. Protect the nursery from frost cover the plastic sheet.

### Himachal Pradesh

- In Sub-Montane and Low Hills Sub-Tropical Zone, due to high relative humidity, infection of blight may occur in potato and tomato. Monitor the crops constantly. If symptoms appear then spray Carbendazim @ 1.0 gm/litre of water or Dithane-M-45 @ 2.0 g/litre of water. Undertake plant protection measures after current spells of rain.

### Haryana

- Due to high humidity and foggy weather, there may be increase in the infestation of white rust and Alternaria blight in the mustard crop, spray Mancozeb (Dithane or Indophil M-45) @ 600 gram mixed in 250 to 350 liter water per acre on a non rainy day.

### Punjab & Delhi

- In present weather condition it is advised to do constant monitoring of aphid in mustard crop. In early stage cut and destroy the infested part of the plant.
- Right time for the sowing of long duration varieties of sunflower in Punjab. Sow the crop on bunds keeping row to row distance to 2 feet and plant to plant 1 foot. Sow the seed on the southern side of bund. Apply 50 kg urea and 75 kg single super phosphate per acre at the time of sowing.

### Rajasthan

- In Rajasthan, to protect sensitive crops like mustard, gram from frost attack, spray Wettable Sulphur @ 2ml per litre water or Thiourea @ 500 ppm (500 gm thiourea in 1000 litre water) at flowering stage. Repeat spray after 15 days.

## Madhya Pradesh

- In West Madhya Pradesh, in view of the prevailing low temperature, apply light irrigation in vegetables, garlic, gram and mustard.

## Gujarat

- In South Gujarat, undertake nursery sowing of summer rice, planting of sugarcane crop and sowing of cucumber crop.

## West Bengal

- In Gangetic West Bengal, apply compound fertilizer for quick growth of boro paddy seedlings. Prepare main field for transplanting 35 days old paddy seedlings. Apply splash irrigation to potato crop at 3-4 days interval up to 2-3 days before 1st earthing up.

## Maharashtra

- Undertake sowing of Groundnut from 15th January to 15th February. Undertake the sowing only if the Night minimum temperature remains 18.0°C or above it.
- Carry out harvesting of black paper by hand picking the whole spikes when few berries in the spike start turning yellow or red in Konkan. The berries are separated and dipped in hot water (80°C) for one minute and sun dried for 3 to 4 days
- In East Vidarbha undertake transplanting of summer rice with a spacing of 20 x 15 cm with placement of seedling 2.5 to 3.5 cm. deep and transplant 3 plants per hill and for hybrid rice 1 plant per hill.
- In West Vidarbha terminate the cotton crop as early as possible after final harvest, to avoid carryover of the pest complex to the next season. Uprooted cotton stalks may be used for compost making using suitable microbial cultures OR rot slashed in the field

## Jharkhand

- High humidity and cold weather ,lead to incidences of late blight disease in potato, to control spray Endofil M-45 or Radoxil-MZ @2 g per litre of water solution. Maintain the soil moisture in the field and burn the waste material like dry leaves, straw and husk to protect the crop low temperature.

## Andhra Pradesh and Telangana

- In Coastal Andhra Pradesh weather is congenial for incidence of Powdery mildew on Pulses (Blackgram and greengram). Spray wettable sulphur @ 3 g / hexaconazole @ 2 ml per litre of water or carbendazim@ 200 gm or thiophanate methyl@200 gm or hexaconazole@ 400 gm or propiconazole@ 200 gm per acre twice at 10 days interval.

## Tamilnadu

- In Cauvery Delta Zone, in Samba paddy fields, this is the right time to sow the rice fallow pulses

## Karnataka

- In South Interior Karnataka, undertake nursery preparation for summer rice crop and planting of sugarcane. Undertake harvesting of matured red gram crop. Clear the weeds in mango, guava and sapota orchards and put it under the basin as mulch. Continue harvesting of matured ragi, arecanut, pepper, ginger and turmeric crops.

## Uttar Pradesh

- In East Uttar Pradesh, continue weeding and light irrigation in standing crop like Bengal gram, lentil, pea, mustard. Continue harvesting of mature sugarcane crop. Apply irrigation CRI stage in wheat and before flowering stage in gram.