

Advisory for DD Kisan dated 02.02.18

(Agromet Advisories mentioned in the inputs are prepared by different Agromet Field Units in the country)

Significant Weather Features

- **Dense to very dense fog** observed at isolated places over East Uttar Pradesh, Bihar and Sub Himalayan West Bengal & Sikkim. **Moderate to dense fog** observed at isolated places over Delhi, rest Uttar Pradesh, rest Bihar, Assam & Meghalaya and Tripura.

Realised Rainfall

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

- Very light rain observed at isolated places over Jammu & Kashmir and Andaman & Nicobar Islands.

Minimum temperature

- **Minimum temperature departures as on 02.02.2018:** Minimum temperatures are **markedly below normal** (5.1°C or less) at a few places over North Interior Karnataka; **appreciably below normal** (3.1°C to 5.0°C) at many places over Odisha, Telangana & Rayalaseema; at a few places over Madhya Maharashtra, Vidarbha, rest Karnataka, Tamil Nadu & Coastal Andhra Pradesh; below normal (1.6°C to 3.0°C) at many places over Jharkhand; at a few places over Chhattisgarh, rest Vidarbha, Marathwada, Konkan & Goa; at isolated places over East Madhya Pradesh & Lakshadweep.
- **The lowest minimum temperature of 6.5°C recorded at Amritsar (Punjab) in the plains of the Country.**

Forecast:

- Minimum temperatures very likely to rise by 1-2°C over parts of east India during next 2-3 days. No significant change in minimum temperatures very likely over rest of the country during next 3-4 days.

5 Day Rainfall Forecast (Mid-day) 2nd February 2018

Met-Sub-Division	02-Feb Today	03Feb Sat	04Feb Sun	05Feb Mon	06Feb Tue
1. Andaman & Nicobar Islands	ISOL	SCT	SCT	ISOL	ISOL
2. Arunachal Pradesh	SCT	SCT	SCT	ISOL	ISOL
3. Assam & Meghalaya	ISOL	ISOL	ISOL	DRY	DRY
4. N. M. M. & T.	DRY	ISOL	ISOL	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	DRY
11. West Uttar Pradesh	DRY	DRY	DRY	DRY	ISOL
12. Uttarakhand	DRY	DRY	DRY	ISOL	SCT
13. Haryana, Chd & Delhi	DRY	DRY	DRY	DRY	SCT
14. Punjab	DRY	DRY	DRY	DRY	SCT
15. Himachal Pradesh	DRY	DRY	DRY	ISOL	SCT
16. Jammu & Kashmir	ISOL	ISOL	DRY	ISOL	SCT
17. West Rajasthan	DRY	DRY	DRY	DRY	ISOL
18. East Rajasthan	DRY	DRY	DRY	DRY	ISOL
19. West Madhya Pradesh	DRY	DRY	DRY	DRY	ISOL
20. East Madhya Pradesh	DRY	DRY	DRY	DRY	DRY
21. Gujarat Region	DRY	DRY	DRY	DRY	DRY
22. Saurashtra & Kutch	DRY	DRY	DRY	DRY	DRY
23. Konkan & Goa	DRY	DRY	DRY	DRY	ISOL
24. Madhya Maharashtra	DRY	DRY	DRY	DRY	ISOL
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	ISOL
31. Tamilnadu & Puducherry	DRY	DRY	DRY	ISOL	SCT
32. Coastal Karnataka	DRY	DRY	DRY	DRY	ISOL
33. North Interior Karnataka	DRY	DRY	DRY	DRY	ISOL
34. South Interior Karnataka	DRY	DRY	DRY	DRY	SCT
35. Kerala	DRY	DRY	DRY	ISOL	SCT
36. Lakshadweep	DRY	DRY	DRY	DRY	ISOL

% Station Reporting Rainfall

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

Weather Warning

- **02 February (Day 1):** Dense to very dense fog very likely at isolated places over north East Uttar Pradesh, north Bihar, Sub Himalayan West Bengal, West Assam, Meghalaya and Tripura in the morning hours.
- **03 February (Day 2):** Dense fog very likely at isolated places over north East Uttar Pradesh, north Bihar, Sub Himalayan West Bengal in the morning hours.
- **04 February (Day 3):** No weather warning.
- **05 February (Day 4):** No weather warning.
- **06 February (Day 5):** No weather warning.

Fog and Advisories

Realised:

- **Dense to very dense fog** observed at isolated places over East Uttar Pradesh, Bihar and Sub Himalayan West Bengal & Sikkim. **Moderate to dense fog** observed at isolated places over Delhi, rest Uttar Pradesh, rest Bihar, Assam & Meghalaya and Tripura.

Warning:

- **Dense to very dense fog** very likely in the morning hours at isolated places over north East Uttar Pradesh, north Bihar, Sub Himalayan West Bengal, during next 48 hours and over West Assam, Meghalaya and Tripura during next 24 hours.

Advisory:

- In view of expected fog in above regions, monitor the standing crops for incidence/ spread of pest and diseases, potato, tomato and onion crops for early/late blight disease. If symptoms are noticed, undertake plant protection measures.
- In North East Alluvial Zone of Bihar, due to prevailing foggy weather, incidence of blight may occur in potato crops. If symptoms, appear spray Carbendazim @ 1 g/litre of water or Dithane-M-45 @ 2 g/litre of water.

Agromet Advisories for *rabi* crops from different AMFUs in the country

Salient advisories

- As prevailing weather conditions are favourable, continue sowing of groundnut in Maharashtra, undertake sowing of summer irrigated Sesamum in Western Zone of Tamil Nadu and continue transplanting of summer rice in Odisha, Telangana, Jharkhand and South Interior Karnataka. Complete transplanting of Boro rice in Assam.
- As dry weather would prevail, apply irrigation to gram (pod formation stage) in Middle Gujarat Zone and in North West Zone of Gujarat, apply irrigation in wheat (milk stage). In Jhabua Hill Zone of Madhya Pradesh, apply 4th irrigation in wheat at milk stage. Continue harvesting of matured toria in Jharkhand, pigeon pea in Rayalaseema, North Interior Karnataka and Odisha and picking of matured bolls of cotton and castor in south Saurashtra and North Gujarat Zone.

Sate-wise Advisories

Kerala

- In the Problem Area Zone, as mainly dry weather is expected, continue harvesting of matured nutmeg fruits. Provide irrigation to banana and coconut as per requirement. Continue harvesting of pepper when some of the berries in the spike turn red. In the rice fields, look for the presence of rice bug in the field during early ear bearing stage. When the bug is observed in large numbers apply Carbaryl @4g / litre water. Since the occurrence of bug coincides with the flowering stage, application of the insecticide may be done either before 9 am or after 3 pm so that the fertilization of flower is not affected.
- In the Southern Zone, drain rice field 15 days before harvesting Mundakan rice. Cow pea and other vegetables can be raised after harvesting rice.

Andhra Pradesh

- In the Scarce Rainfall Zone, continue harvesting of red gram. Apply light irrigation to mango plants at time of flowering.
- In the Southern Zone, the present weather conditions are favourable for bacterial leaf blight in rice at tillering stage. Nitrogen fertilizer application should be postponed and water should be drained out from the field as a control measure.

Telangana

- In North Telangana Zone, undertake transplanting of rice. Maintain shallow depth of water at the time of transplanting. Provide irrigation during flowering and grain filling stage in sorghum crop, at flower initiation stage in Bengal gram crop and enough irrigation at pod development stage in groundnut crop.

Tamil Nadu

- In the Western Zone, considering the favourable temperature and relative humidity, undertake planting of mid season sugarcane. As scattered rainfall is expected on 6th and 7th February, harvesting and threshing of Samba rice may be completed before the rain. Considering the present weather, undertake land preparation and sowing of summer irrigated Sesamum.
- In the High Rainfall Zone, to control sigatoka leaf spot in banana, spray Propiconazole @ 1 ml + Teepol 0.5 ml per litre of water.
- In the Western Zone, prevailing weather condition is favorable for hopper incidence in mango hence monitor crop and apply Malaithion dust @ 5% if required.

Karnataka

- In Southern Transition Zone, complete land preparation and undertake transplanting of summer rice. Undertake harvesting of matured pods of red gram. Cover the partially opened ginger rhizomes in the bed by mulches or soil in order to avoid rotting.
- In North Transition Zone, continue picking of cotton and harvesting of early sown Bengal gram. Provide irrigation to sorghum (grain filling stage), wheat (flowering) and late sown Bengal gram (flowering) crop.
- In North East Dry Zone, continue planting of sugarcane.
- In North Transition Zone, due to low minimum temperature there is a chance of development of powdery mildew in mango; spray Phosphamidon 86 WSC @0.5 ml with 1 g Hexaconazole 5 EC per litre of water.

Odisha

- In Western Undulating Zone, complete transplanting of summer rice with three week old seedlings. Start land preparation for planting of sugarcane.
- In South Eastern Ghat Zone and North Eastern Coastal Plain Zone, continue transplanting of rice.
- In Eastern Ghat High Land Zone, continue sowing of summer green gram and black gram. Prepare main field for transplanting and undertake transplanting at three week stage of rice seedling.

Bihar

- In South Bihar Alluvial Zone, apply irrigation in the pea crop before flowering stage and in timely sown wheat at tillering stage.
- In North East Alluvial Zone, continue transplanting of cauliflower, cabbage, broccoli in raised bed.
- In North East Alluvial Zone, due to prevailing foggy weather, incidence of blight may occur in potato. If symptoms appear spray Carbendazim @ 1 g/litre of water or Dithane-M-45 @ 2 g/litre of water.

Jharkhand

- In South Eastern Plateau Zone, undertake nursery raising of summer rice. (varieties - IR 64 Drt 1, IR 64 Suklha, BVD 203, BVD 111 BVS 1, Abhishekh, KRH 2, DRRh 2, Arize Tej (Gold), US 382, CR Dhan 40 etc.)

- In Central and North Eastern Plateau Zone, continue transplanting of summer rice. If irrigation facility is available, undertake sowing of maize (variety- HQPM (Hybrid)). Undertake land preparation for sowing of summer green gram.
- In Western Plateau Zone, continue harvesting of matured toria.
- In South Eastern Plateau Zone, late sown potato is at tuber elongation and development stage. If seen infested with late blight, apply Krilaksil or Ridomil MZ @ 1.5 g or Diafolatan @ 2 g per liter of water to check it from further spreading.

West Bengal

- In Coastal Saline Zone, undertake transplanting of Boro rice within 2-3 days @ 4-5 seedlings per hill. Continue sowing of sunflower (varieties Modern Surya (90-95days), Pack (104days) and KBSH (90-95 days)). Complete the sowing of sunflower at optimum soil moisture conditions.
- In Laterite and Red Soil Zone, carry out transplanting of rice seedlings as soon as possible. Apply light irrigation to wheat crop.
- In the Old Alluvial Zone, start transplanting Boro rice.

Jammu& Kashmir

- In Valley temperate zone, Provide drainage channels in the fields wherever there is probability of water accumulation. In case of snowfall, go for limb shaking in fruit trees.

Punjab, Haryana & Delhi

- In Western Zone of Punjab, apply light irrigation in wheat, mustard, vegetables and fruit plants to protect from low temperature.
- In Delhi, undertake field preparation for sowing of early crop of ladies finger (A-4, Parbani Kranti and Arka anamika cultivars), If symptom of yellow rust is observed in wheat spray Propiconazole 25 EC (Tilt 25 EC) @ 0.1 % and undertake transplanting of onion.
- In Central Plain Zone of Punjab, undertake sowing of spring maize and sunflower. Keep the fruit plants particularly young ones, protected from cold and provide shelter to the young fruit plants by making 'kullies' with paddy straw.

Gujarat

- In Bhal and Coastal Zone, apply light irrigation in fruit crops and wheat (flowering stage). Undertake harvesting of matured spikes of castor in early morning hours.
- In South Saurashtra Zone, undertake harvesting of matured pigeon pea.
- In North Gujarat Zone, apply light irrigation in gram (pod filling stage) and wheat (milking stage). Undertake land preparation for sowing of summer crops. Undertake picking of matured cotton bolls and continue harvesting of matured spikes of castor.
- In South Gujarat Heavy Rainfall zone, undertake transplanting of summer rice. Continue ploughing in mango and sapota orchard fields to remove weeds and to make aeration.

Maharashtra

- In Konkan, maintain water level up to 5 cm in transplanted rice at tillering stage.
- In Madhya Maharashtra, complete planting of suru sugarcane (varieties: Co M 86032, Co 265, M S 10001 and Co 92005). Undertake harvesting of matured gram.
- In Marathwada, apply irrigation to wheat crop (grain filling stage) using sprinkler irrigation method. To control wheat rust, spray Dithane 45 % @ 20 g per 10 liter of water. Complete planting of suru sugarcane.
- In Vidarbha, undertake sowing of summer sesame. Continue sowing of summer groundnut. To control aphids and jassids in wheat, spray 25 WG Thiamethoxam @ 1 g per 10 litre of water.