

Advisory for DD Kisan dated 06.02.18

(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 Tripura; Moderate fog at isolated places over SubHimalayan West Bengal & Sikkim and Assam & Meghalaya.

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Realised Rainfall

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

- Light rain/snow occurred at isolated places over Himachal Pradesh and Uttarakhand.
- Light rain occurred at a few places over Andaman & Nicobar Islands and at isolated places over Sub Himalayan West Bengal & Sikkim. Arunachal Pradesh, Assam & Meghalaya, Gujarat region and Tamilnadu and Puducherry.

Minimum temperature

- **Minimum temperature departures as on 06.02.2018:** Minimum temperatures are **below normal** (1.6°C to 3.0°C) at many places over Telangana, Karnataka and Coastal Andhra Pradesh; at a few places over Marathwada & Odisha and Jammu & Kashmir.
- **The lowest minimum temperature of 2.5°C recorded at Adampur (Punjab) in the plains of the country.**

Forecast:

- Minimum temperatures very likely to fall by 2-4°C over parts of northwest India and Gujarat region during next 3 days. Minimum temperatures very likely to rise by 2-4°C over parts of interior Maharashtra.
- No significant change in minimum temperatures likely over the remaining parts of the country.

5 Day Rainfall Forecast (Mid-day)

6th February 2018

Met-Sub-Division	06-Feb Today	07Feb Wed	08Feb Thu	09Feb Fri	10Feb Sat
1. Andaman & Nicobar Islands	ISOL	DRY	DRY	DRY	DRY
2. Arunachal Pradesh	ISOL	FWS	FWS	SCT	ISOL
3. Assam & Meghalaya	DRY	ISOL	ISOL	ISOL	DRY
4. N. M. M. & T.	DRY	DRY	ISOL	ISOL	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	ISOL
8. Jharkhand	DRY	DRY	DRY	DRY	ISOL
9. Bihar	DRY	DRY	DRY	DRY	DRY
10. East Uttar Pradesh	DRY	DRY	DRY	DRY	ISOL
11. West Uttar Pradesh	DRY	DRY	DRY	DRY	DRY
12. Uttarakhand	ISOL	DRY	DRY	ISOL	ISOL
13. Haryana, Chd & Delhi	DRY	DRY	DRY	DRY	DRY
14. Punjab	DRY	DRY	DRY	DRY	DRY
15. Himachal Pradesh	DRY	DRY	DRY	ISOL	ISOL
16. Jammu & Kashmir	ISOL	ISOL	DRY	ISOL	SCT
17. West Rajsthan	DRY	DRY	DRY	DRY	ISOL
18. East Rajasthan	ISOL	DRY	DRY	DRY	ISOL
19. West Madhya Pradesh	ISOL	ISOL	DRY	DRY	DRY
20. East Madhya Pradesh	DRY	ISOL	DRY	DRY	DRY
21. Gujarat Region	ISOL	DRY	DRY	DRY	DRY
22. Saurashtra & Kutch	ISOL	DRY	DRY	DRY	DRY
23. Konkan & Goa	DRY	ISOL	DRY	DRY	ISOL
24. Madhya Maharashtra	DRY	ISOL	DRY	DRY	ISOL
25. Marathawada	DRY	DRY	DRY	DRY	ISOL
26. Vidharbha	DRY	DRY	DRY	DRY	ISOL
27. Chhattisgarh	DRY	DRY	DRY	DRY	ISOL
28. Coastal Andhra Pradesh	DRY	DRY	DRY	DRY	DRY
29. Telangana	DRY	DRY	DRY	DRY	ISOL
30. Rayalaseema	DRY	ISOL	DRY	DRY	DRY
31. Tamilnadu & Puducherry	ISOL	FWS	ISOL	ISOL	DRY
32. Coastal Karnataka	DRY	ISOL	ISOL	ISOL	DRY
33. North Interior Karnataka	DRY	ISOL	DRY	DRY	ISOL
34. South Interior Karnataka	ISOL	SCT	ISOL	ISOL	DRY
35. Kerala	ISOL	SCT	FWS	ISOL	ISOL
36. Lakshadweep	ISOL	SCT	FWS	ISOL	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

- **06 February (Day 1):** Dense fog very likely at isolated places over Meghalaya & Tripura. Thunderstorm accompanied with gusty winds & lightning very likely over Tamilnadu, interior parts of Kerala and South Interior Karnataka. Cold wave conditions very likely at isolated places over Punjab.
- **07 February (Day 2):** Thunderstorm accompanied with gusty winds & lightning likely over Tamilnadu, interior parts of Kerala and South Interior Karnataka. Cold wave conditions very likely at isolated places over Punjab.

- **08 February (Day 3):** No weather warning.
- **09 February (Day 4):** No weather warning.
- **10 February (Day 5):** No weather warning.

Fog and Advisories

Realised:

- **Dense to very dense fog** observed at isolated places over Tripura; Moderate fog at isolated places over Sub Himalayan West Bengal & Sikkim and Assam & Meghalaya.

Forecast:

- Shallow to moderate fog likely at isolated places over Assam & Meghalaya during next two days.

Warning:

- **Dense fog** very likely at isolated places over Meghalaya & Tripura on 6th February.

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.

Thunderstorm

Warning:

- Thunderstorm accompanied with gusty winds & lightning very likely over Tamilnadu, interior parts of Kerala and South Interior Karnataka during next two days.

Advisory:

- Harvest matured fruits and fruit vegetables as early as possible. Undertake propping up in sugarcane and give support to banana and vegetable crop.

Cold wave conditions and Advisories

Warning:

- **Cold wave conditions very likely at isolated places over Punjab during next two days.**

Advisory:

As cold wave conditions are prevailing at isolated places over Punjab during next 48 hours; farmers are advised to apply light & frequent irrigation

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,
- In Western Zone of Punjab, apply light irrigation in wheat, mustard, vegetables and fruit plants to protect from low temperature.

Sate-wise Advisories

Kerala

- In the Problem Area Zone, Light rain is expected. 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. 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.

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.
- In South Telangana Zone, to overcome cold injury, Low temperatures in rice in nursery growth, adopt the following measures, cover the nursery beds with polythene sheet during night and remove in the morning, Irrigate the nursery bed every day in the evening and let out the water in the morning
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Tamil Nadu

- As thunderstorm and gusty winds are expected in next two days undertake propping up in sugarcane and give support to Sugarcane and banana crop.
- 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. Undertake plantation of sugarcane (variety Co-86032).
- In North East Dry Zone, continue planting of sugarcane.

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.
- In Sub tropical zone, in gram apply bavistin/carbendazim @ 3gm/litre of water to control wilt and blight attack.

Punjab

- In Western Zone of Punjab, apply light irrigation in wheat, mustard, vegetables and fruit plants to protect from low temperature. As per partly cloudy sky is expected in 4-5 days observe wheat fields for appearance of yellow rust. As soon as the disease appears, spray the crop with Tilt or Bumper or Markzole @ 200 ml in 200 litres of water per acre. Repeat the spray at 15 days interval.

Assam

- In Hill Zone of Assam, in Wheat, to control of yellow rust spray Propiconazole 25 EC (Tilt 25 EC) @ 0.1 %. Undertake transplanting of Onion.
- In Lower Bramhaputra Valley Zone, in rice crop, maintain standing water of 5±2 cm depth.
- In Central Bramhaputra Valley Zone undertake land preparation for Summer Green gram and Black gram.

Gujarat

- In South Saurashtra Zone, undertake harvesting of matured pigeon pea, undertake picking of cotton during morning hours. To control pod borer in pigeon pea, spray spinosad 5ml or clorantirinilipol 3 ml or flubendimide 2ml in 10 liter of water.
- In North Gujarat Zone, apply light irrigation in gram (pod filling stage) and wheat (milking stage), In potato spray Dimethoate @ 10ml or Phosphamidon @ 3ml adding in 10 liters of water to control aphid. Undertake land preparation for sowing of summer crops.
- In North West Zone undertake harvesting of matured boll of cotton in early morning hours. Undertake land preparation for summer crops after harvesting cotton crop.

Maharashtra

- In Konkan, maintain water level up to 5 cm in transplanted rice at tillering stage, To control hoppers, white fly and aphids in chilli, brinjal and tomato, spray Dimethoate @ 15 ml per 10 litres of water. Also spray 50 % Malathion @ 20 ml per 10 litres of water to control leaf eating beetles in watermelon.
- In Madhya Maharashtra, Continue harvesting of matured gram and jowar and keep the produce in safer place, complete sowing of summer groundnut and vegetables crops before 15th February.
- In Marathwada, apply irrigation to wheat crop (grain filling stage) using sprinkler irrigation method. Complete sowing of summer pearl millet and groundnut and planting of suru sugarcane before 15th February.
- In Vidarbha, continue sowing of summer sesame and summer groundnut. For control of jassids and powdery mildew disease on mango spray imidachlopride 17.8 SL 3 ml + 80% sulphur 20 gm per 10 lit. of water. To control aphids and jassids in wheat, spray 25 WG Thiamethoxam @ 1 g per 10 litre of water.

