

Advisory for DD Kisan dated 08.02.19
(Agromet Advisories mentioned in the inputs are prepared by different Agromet Field Units in the country)

Significant Weather Features

- The Western Disturbance as a cyclonic circulation lies over north Pakistan and adjoining Jammu & Kashmir with the trough from this system running upto eastcentral Arabian Sea. The impact of this western disturbance has reduced significantly from today over northwest India. However scattered to fairly widespread precipitation very likely over western Himalayan region during next 24 hours. The rainfall belt has further shifted eastwards now and thunderstorms accompanied with hailstorms at isolated places are likely over East & Northeast India during next 2 days.
- Dense fog is likely to occur at isolated pockets over parts of northeast India in the morning hours during next 3 days.
- Rain/snow observed (from 0830 hrs IST of yesterday to 0830 IST of today): Rain/snow observed at most places over Jammu & Kashmir, Himachal Pradesh and Uttarakhand. Heavy to very heavy rain/snow observed at isolated places over Jammu & Kashmir and heavy rain at isolated places over Himachal Pradesh.

Realised Rainfall

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

- Rain/thundershowers observed (from 0830 hrs IST of yesterday to 0830 IST of today): Rain/thundershowers observed at most places over Uttar Pradesh and Punjab; at many places over Haryana, Chandigarh & Delhi, Bihar, Sub-Himalayan West Bengal & Sikkim and Lakshadweep; at a few places over East Madhya Pradesh and at isolated places over West Rajasthan, South Interior Karnataka and Tamilnadu.

5 Day Rainfall Forecast (Mid-day) 8th February 2019

Met-Sub-Division	08-Feb Today	09Feb Sat	10Feb Sun	11Feb Mon	12Feb Tue
1. Andaman & Nicobar Islands	DRY	DRY	DRY	DRY	DRY
2. Arunachal Pradesh	FWS	WS	FWS	ISOL	DRY
3. Assam & Meghalaya	SCT	FWS	ISOL	DRY	DRY
4. N. M. M. & T.	ISOL	SCT	ISOL	DRY	DRY
5. S.H. West Bengal & Sikkim	FWS	FWS	ISOL	DRY	DRY
6. Gangetic West Bengal	SCT	ISOL	DRY	DRY	DRY
7. Odisha	ISOL	ISOL	DRY	DRY	DRY
8. Jharkhand	FWS	ISOL	DRY	DRY	DRY
9. Bihar	WS	SCT	DRY	DRY	DRY
10. East Uttar Pradesh	SCT	ISOL	DRY	DRY	DRY
11. West Uttar Pradesh	ISOL	DRY	DRY	DRY	DRY
12. Uttarakhand	FWS	ISOL	DRY	ISOL	ISOL
13. Haryana, Chd & Delhi	ISOL	DRY	DRY	DRY	DRY
14. Punjab	ISOL	DRY	DRY	DRY	DRY
15. Himachal Pradesh	FWS	DRY	DRY	ISOL	ISOL
16. Jammu & Kashmir	SCT	DRY	ISOL	SCT	SCT
17. West Rajasthan	DRY	DRY	DRY	DRY	DRY
18. East Rajasthan	DRY	DRY	DRY	DRY	ISOL
19. West Madhya Pradesh	DRY	DRY	DRY	DRY	ISOL
20. East Madhya Pradesh	ISOL	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	DRY
24. Madhya Maharashtra	DRY	DRY	ISOL	ISOL	ISOL
25. Marathawada	DRY	DRY	DRY	ISOL	ISOL
26. Vidharbha	DRY	DRY	DRY	DRY	DRY
27. Chhattisgarh	SCT	ISOL	DRY	DRY	DRY
28. Coastal Andhra Pradesh	DRY	ISOL	ISOL	ISOL	DRY
29. Telangana	ISOL	DRY	DRY	DRY	DRY
30. Rayalaseema	ISOL	ISOL	ISOL	ISOL	DRY
31. Tamilnadu & Puducherry	ISOL	ISOL	ISOL	ISOL	DRY
32. Coastal Karnataka	DRY	DRY	DRY	DRY	DRY
33. North Interior Karnataka	DRY	DRY	ISOL	ISOL	DRY
34. South Interior Karnataka	ISOL	ISOL	ISOL	DRY	DRY
35. Kerala	DRY	ISOL	ISOL	DRY	DRY
36. Lakshadweep	ISOL	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 February (Day 1):** Heavy rain/snow very likely at isolated places over Sikkim.
 Heavy rain/thundershowers at isolated places very likely over Sub-Himalayan West Bengal.
 Thunderstorm accompanied with hailstorm and Gusty winds at isolated places very likely over East Uttar Pradesh, Chhattisgarh, Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya and Arunachal Pradesh.
 Strong winds speed reaching 35-45 kmph likely to occur over Northeast Arabian Sea, eastcentral Arabian Sea off Maharashtra-Goa coasts and over Central & Southwest Arabian Sea. Fishermen are advised not to venture into these areas.
 Dense fog in isolated pockets very likely over Punjab, Haryana, Chandigarh & Delhi, West Uttar Pradesh and north Rajasthan.
 Cold day conditions in isolated pockets very likely over north Gujarat State and West Madhya Pradesh.
 Cold wave conditions in isolated pockets very likely over north Gujarat State and West Madhya Pradesh.

- **09 February (Day 2):** Heavy rain/snow very likely at isolated places over Sikkim and Arunachal Pradesh.
Heavy rain/thundershowers at isolated places very likely over Sub-Himalayan West Bengal. Thunderstorm accompanied with hailstorm and Gusty winds at isolated places very likely over Bihar, Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya and Arunachal Pradesh. Dense fog in isolated pockets very likely over Punjab, Haryana, Chandigarh & Delhi and Uttar Pradesh.
Cold wave conditions in isolated pockets very likely over north Gujarat State and West Madhya Pradesh.
- **10 February (Day 3):** Dense fog in isolated pockets very likely over Punjab, Haryana, Chandigarh & Delhi and Uttar Pradesh.
- **11 February (Day 4):** No weather warning.
- **12 February (Day 5):** No weather warning.

Salient Advisories

Thunderstorm/ hailstorm and advisory

Warning

- Heavy rain/thundershowers at isolated places very likely over Sub-Himalayan West Bengal during next 2 days.
- Thunderstorm accompanied with hailstorm and Gusty winds at isolated places very likely over East Uttar Pradesh, Chhattisgarh, Jharkhand during next 24 hours and over Bihar, Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya and Arunachal Pradesh during next 48 hours.

Advisory

In above regions, use hail net for orchard crops to protect from mechanical damage. Provide support to young fruit plants and staking in vegetables to prevent the crops from lodging due to strong winds. Keep cattle indoor during thunderstorm/ hailstorm period.

Heavy rain/snow

Warning

- Heavy rain/snow very likely at isolated places over Sikkim during next 2 days and over Arunachal Pradesh on 9th February.

Advisory

- Avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops. In Valley Temperate Zone of Kashmir, provide drainage

channels in wheat, saffron and vegetable fields wherever there is probability of water/snow accumulation during winter months

Fog and Advisories

Realized

- Dense to very dense fog observed at isolated places over Punjab, Haryana and West Madhya Pradesh; moderate fog at isolated places over Jammu & Kashmir, Andaman & Nicobar Islands, Delhi, Bihar and Assam & Meghalaya and Sikkim.

Warning

Dense fog in isolated pockets very likely over Punjab, Haryana, Chandigarh & Delhi, West Uttar Pradesh and north Rajasthan during next 3 days.

Advisory

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

Cold wave / Cold day and Advisories

Warning

Cold day conditions in isolated pockets very likely over north Gujarat State and West Madhya Pradesh during next 24 hours.

Cold wave conditions in isolated pockets very likely over north Gujarat State and West Madhya Pradesh during next 48 hours.

Advisory

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. Cover banana bunches with porous polythene bags.

State-wise Advisories

Assam and Manipur

- In Central Brahmaputra Valley Zone of Assam, complete the transplanting of *Boro* rice, continue land preparation for Summer green gram and black gram. In rapeseed and mustard, to control aphids apply Dimethoate 30EC or Chloropyrifos @ 2ml/litre after current spells of rain.
- In North Bank Plain Zone of Assam, undertake field preparation for sowing of directed seeded *ahu* rice. Undertake field preparation for sowing of summer green gram & black gram.

- In Manipur, undertake harvesting of rapeseed/mustard/ field pea/ lentil.

Himachal Pradesh

- In High Hill Temperate Dry Zone, in gram, to control pod borer, install Pheromone trap @ 3-4 traps per acre, if flowering has reached 10-15%, install “T” shaped bird perches in and around crop field to control insect population. In mustard, to control aphids in early stage cut and destroy the infested part of the plant, if insect population above ETL than spray Dimethoate 30EC or Quinalphos @ 2.0 ml/litre water after current spells of rain.

Jammu & Kashmir

- In Intermediate Zone, in mustard, to control *Alternaria* blight, apply Mancozeb @ 2.5 g/liter of water and Ridomil MZ @ 2.5 g/liter of water alternately as curative measure on a non rainy day.
- As there was significant rainfall in past few days and there is possibility of good rainfall in next 2 days, there may be chance of soft rot/root rot in pulse crops. If symptoms observed, apply Mancozeb @ 2.5 g/liter of water and Ridomil MZ @ 2.5 g/litres of water alternately as curative measure on a non rainy day.

Uttarakhand

- In Bhabar and Tarai Zone, continue harvesting of matured mustard crop on non-rainy day . In Hill Zone, keeping in view rain/snow fall forecast, make arrangements to avoid water logging in wheat, onion, garlic and potato crop fields and postpone spraying of pesticides.
- In Sub-Humid Sub-Tropic Zone, maintain proper drainage facilities in mustard crop. Postpone harvesting of sugarcane crop in view of rainfall forecast.

Bihar

- In mustard to control aphids, spray Monocrotophos @2ml or Imidachloprid @ 1 ml per litre of water.

Chhattisgarh

- In North Hill Zone of Chhattisgarh, undertake sowing of winter maize and sunflower. Undertake harvesting of timely sown early duration variety of mustard.
- In Bastar Plateau Zone, undertake planting of sugarcane. Undertake sowing of summer moong and urad.

Gujarat

- In Saurashtra & Kutch, continue land preparation/ sowing for sowing of summer groundnut and sesame. Continue harvesting of matured clusters of castor.
- In North Gujarat, continue picking of matured clusters of castor during early morning hours.

Maharashtra

- In Konkan, apply irrigation to groundnut, vegetables and orchards. To control blast in rice, spray Tricyclazole @ 10 g or Isoprothiolion @ 10 ml per 10 liter of water
- In Madhya Maharashtra, Continue sowing for summer groundnut, continue harvesting of sorghum and matured gram.
- In Marathwada continue harvesting of early sown chick pea.
- In west Vidarbha, apply irrigation to safflower and wheat and gram. Complete sowing of summer groundnut. Undertake harvesting of matured safflower and continue harvesting of matured gram.

Andhra Pradesh

- In North Coastal Andhra Pradesh, in pulses (black gram and green gram), to control leaf crinkle spray Dimethoate @ 1.7 ml per litre for vector control.
- In Coastal Andhra Pradesh in rice to control blast spray Tricyclozole @0.6g per litre of water.
- In Rayalaseema, in groundnut to control sucking pests spray Monochrotophos@1.6 ml/litre or Imidacloprid 0.3ml/litre or Dimethoate @ 2 ml/litre of water.

Tamil Nadu

- In North Western Zone undertake harvesting of matured *Samba* rice.

Karnataka

- In South Interior Karnataka, continue transplanting of rice crop where seedlings are ready, continue sowing of summer ragi and planting of sugarcane. Continue harvesting of matured red gram and pepper.
- In North Interior Karnataka, continue transplanting of rice and new plantation of sugarcane.
- In North Interior Karnataka, in rice, to control Brown plant hopper spray Chloropyriphos@2.0 ml or Monocrotophos@1.5 ml dissolved in one liter of water.