

Advisory for DD Kisan dated 09.02.18

(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 Odisha & Tripura; Moderate to dense fog observed at isolated places over Punjab, Haryana, Delhi, Assam & Meghalaya, Saurashtra & Kutch and Sub Himalayan West Bengal.
- Cold wave conditions observed likely at isolated places over Punjab, Haryana and north Rajasthan.

Realised Rainfall

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

- Rain occurred at isolated places over Arunachal Pradesh, Assam & Meghalaya, Jharkhand, Tamil Nadu & Puducherry and Kerala.

Minimum temperature

- **Minimum temperature departures as on 09.02.2018:** Minimum temperatures are below normal (1.6°C to 3.0°C) at many places over Haryana, Chandigarh & Delhi; at a few places over Jammu & Kashmir and at isolated places over Uttarakhand.
- The **lowest minimum temperature of 3.5°C recorded at Hissar (Haryana)** in the plains of the country.

Forecast:

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

5 Day Rainfall Forecast (Mid-day) 9th February 2018

Met-Sub-Division	09-Feb Today	10Feb Sat	11Feb Sun	12Feb Mon	13Feb Tue
1. Andaman & Nicobar Islands	DRY	DRY	DRY	ISOL	SCT
2. Arunachal Pradesh	SCT	ISOL	DRY	DRY	ISOL
3. Assam & Meghalaya	ISOL	DRY	DRY	DRY	ISOL
4. N. M. M. & T.	DRY	DRY	DRY	DRY	DRY
5. S.H. West Bengal & Sikkim	DRY	DRY	DRY	DRY	ISOL
6. Gangetic West Bengal	ISOL	DRY	DRY	DRY	ISOL
7. Odisha	DRY	ISOL	ISOL	ISOL	ISOL
8. Jharkhand	ISOL	DRY	ISOL	SCT	FWS
9. Bihar	DRY	DRY	DRY	ISOL	SCT
10. East Uttar Pradesh	DRY	DRY	ISOL	FWS	SCT
11. West Uttar Pradesh	DRY	DRY	ISOL	FWS	ISOL
12. Uttarakhand	DRY	DRY	SCT	FWS	SCT
13. Haryana, Chd & Delhi	DRY	DRY	ISOL	FWS	ISOL
14. Punjab	DRY	DRY	SCT	WS	ISOL
15. Himachal Pradesh	DRY	ISOL	FWS	WS	WS
16. Jammu & Kashmir	DRY	ISOL	FWS	WS	FWS
17. West Rajasthan	DRY	ISOL	ISOL	ISOL	DRY
18. East Rajasthan	DRY	DRY	ISOL	ISOL	DRY
19. West Madhya Pradesh	DRY	DRY	ISOL	ISOL	ISOL
20. East Madhya Pradesh	DRY	DRY	SCT	FWS	FWS
21. Gujarat Region	DRY	DRY	DRY	DRY	DRY
22. Saurashtra & Kutch	DRY	DRY	DRY	DRY	DRY
23. Konkan & Goa	ISOL	DRY	DRY	DRY	DRY
24. Madhya Maharashtra	DRY	DRY	ISOL	ISOL	DRY
25. Marathwada	DRY	DRY	ISOL	SCT	ISOL
26. Vidharbha	DRY	ISOL	SCT	FWS	ISOL
27. Chhattisgarh	DRY	ISOL	ISOL	SCT	SCT
28. Coastal Andhra Pradesh	DRY	DRY	DRY	DRY	DRY
29. Telangana	DRY	ISOL	ISOL	ISOL	ISOL
30. Rayalaseema	DRY	DRY	DRY	DRY	DRY
31. Tamilnadu & Puducherry	ISOL	ISOL	DRY	DRY	ISOL
32. Coastal Karnataka	DRY	DRY	DRY	DRY	DRY
33. North Interior Karnataka	DRY	DRY	ISOL	ISOL	ISOL
34. South Interior Karnataka	ISOL	ISOL	ISOL	ISOL	ISOL
35. Kerala	ISOL	ISOL	ISOL	ISOL	ISOL
36. Lakshadweep	ISOL	ISOL	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 Widespread (FWS/ Many Places)	1-25	Isolated (ISOL)
No Rain	Dry		

Weather Warning

09 February (Day 1): No weather warning.

10 February (Day 2): No weather warning.

11February (Day 3):Thunderstorm accompanied with hailstorm likely over Jammu Division, Himachal Pradesh, Uttarakhand, Punjab, Haryana, Chandigarh & Delhi, West Uttar Pradesh, East Rajasthan and Vidarbha.

Thunderstorm accompanied with gusty winds likely over Telangana.

12 February (Day 4): Heavy rain/snow likely at isolated places over Jammu & Kashmir and Himachal Pradesh.

Thunderstorm accompanied with hailstorm likely at isolated places over Jammu Division, Himachal Pradesh, Uttarakhand, Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh, Jharkhand, Interior Odisha, Madhya Maharashtra, Marathwada, Vidarbha and Madhya Pradesh.

Thunderstorm accompanied with gusty winds likely over Telangana.

13 February (Day 5): Thunderstorm accompanied with hailstorm likely over Jharkhand and Interior Odisha.

Thunderstorm/hailstorm

Warning:

- Thunderstorm accompanied with hailstorm likely over at isolated places Jammu Division, Himachal Pradesh, Uttarakhand, Punjab, Haryana, Chandigarh & Delhi, West Uttar Pradesh and Vidarbha on 11th and 12th and over East Rajasthan on 11th and over Jharkhand and Interior Odisha on 12th and 13th, over Madhya Maharashtra, Marathwada and Madhya Pradesh on 12th February.
- Thunderstorm accompanied with gusty winds likely over Telangana on 12th and 13th February.

Advisory:

- In view of expected hailstorm in above regions, harvest matured rabi crops, fruits and fruit vegetables as early as possible. Use hail net for orchard crops to protect from mechanical damage. Arrange mechanical support to young fruit plants, banana and vegetables and propping up in sugarcane to prevent the crops from lodging due to strong winds. Keep harvested produce at safe places.

Advisory for fairly / wide spread rain & heavy rain/snow

Warning:

- Heavy rain/snow likely at isolated places over Jammu & Kashmir and Himachal Pradesh on 12th February.

Advisory:

- As rain/snow would occur at most/many places over Jammu & Kashmir and Himachal Pradesh from 11th to 13th, over Uttarakhand on 12th, rain/thundershower would occur at most places over Punjab on 12th, at many places over Uttar Pradesh, Haryana, Chandigarh & Delhi, Vidarbha on 12th, over East Madhya Pradesh on 12th and 13th and over Jharkhand on 13th February along with heavy rain/snow likely at isolated places over Jammu & Kashmir and Himachal Pradesh on 12th, avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops. Provide adequate drainage in standing crop fields to avoid water stagnation in Jammu & Kashmir and Himachal Pradesh. Keep harvested produce at safe places.

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

Salient advisories

- In Madhya Maharashtra, Marathwada and Vidarbha, complete harvesting of rabi crops as early as possible. The harvested produce of rabi sorghum, gram and pigeonpea should be collected and covered by plastics sheets to protect from unseasonal rains, store threshed crops in safe place (warehouse). Complete harvesting of matured fruits and vegetables as early as possible. Complete harvesting of matured grapes as early as possible. To protect the grapevine from rainfall /hailstorm, cover orchard with hail net.
- Utilising expected rainfall, undertake transplanting of summer rice in Jharkhand and in Western Plain Zone of Punjab, undertake sowing of maize and planting of spring sugarcane.

Sate-wise Advisories

Jammu & Kashmir

- In Intermediate Zone, as rainfall is expected, postpone irrigation in vegetables and late sown wheat crop and make necessary arrangements to drain out excess water from crop field. In lower mid hills continue early nursery sowing of summer vegetables under protected structures (Poly house, Poly tunnel etc.). Continue planting of new orchards of stone fruits (Peach, Plum & Apricot), almond, walnut etc.
- In Valley Temperate Zone, provide drainage channels in wheat, lentil, oat, pea fields wherever there is probability of water accumulation. Provide proper drainage in apple orchards.

Uttarakhand

- In Hill Zone, continue preparation of seedlings of vegetables like brinjal, capsicum, tomato etc. in polyhouse. Undertake preparation of seedlings of early cucurbitaceous crops in small polythene bags.
- In Bhabar and Tarai Zone, continue raising of fruit crop saplings like-apple, pear, plum, wall nut etc. Undertake harvesting of sugarcane and mustard on a non- rainy day.
- In Bhabar and Tarai Zone, to control the late blight disease in potato and tomato, spray Mancozeb @ 2.5g/litre or Copper Oxchloride @ 3g/litre of water on a non-rainy day.

Himachal Pradesh

- In Mid Hills Sub Humid Zone, as rainfall is expected postpone intercultural operations in onion and garlic. Undertake field preparation for sowing of summer vegetables.
- In Sub-Montane and Low Hill Tropical Zone, for control of aphid in mustard crop, spray Quinalphos @ 2.0 ml/litre of water after current spells of rain.

Punjab, Haryana & Delhi

- In Western Plain Zone of Punjab, undertake sowing of maize and planting of spring sugarcane. Undertake harvesting of matured vegetables in clear weather.
- In Undulating Plain Zone of Punjab, undertake planting of sugarcane and sowing of spring maize.
- In Central Plain Zone of Punjab, undertake sowing of spring maize and sunflower.
- In Delhi, continue field preparation for sowing of early crop of ladies finger (Variety- A-4, Parbani Kranti and Arka anamika). Prepare seedling of early cucurbitaceous crops in small polythene bags in poly houses. Continue nursery preparation for vegetables like chilli, brinjal and tomato and sowing of spinach, coriander & fenugreek.
- In Western Zone of Punjab, as partly cloudy weather is expected during next 4-5 days which favour appearance of yellow rust in wheat. Monitor the crops, as soon as the disease appears, spray the crop with Tilt or Bumper or Markzole @ 200 ml in 200 litres of water per acre on a non-rainy day. Repeat the spray at 15 days interval.

Uttar Pradesh

- In Bundelkhand Zone, undertake nursery sowing of vegetables like cabbage, cauliflower, brinjal, tomato, chilli etc. and sowing of vegetables like spinach, fenugreek, coriander and carrot. Apply irrigation in late sown wheat 40-45 DAS.
- In Eastern Plain Zone, undertake planting of sugarcane utilizing the expected rainfall.

Rajasthan

- In Sub Humid Southern Plain and Aravalli Hill Zone, apply irrigation in wheat at ear emergence stage and at milk stage in barley. In potato crop, apply Urea @ 60-75 kg Nitrogen/ha after irrigation. Undertake nursery preparation for summer vegetables like tomato and chilli and field preparation for sowing of summer groundnut.

Odisha

- In North Central Plateau Zone, undertake transplanting of summer rice with 2 seedlings per hill. Maintain only a thin film of water at the time of transplanting. Undertake land preparation for sowing of summer green gram and black gram.
- In South Eastern Ghat Zone, continue transplanting of rice.
- In Eastern Ghat High Land Zone, continue sowing of summer green gram and black gram. Prepare the main field for transplanting and undertake transplanting at three week stage of seedling.

Bihar

- In South Bihar Alluvial Zone, as dry weather would prevail, 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

- As rain/thundershowers are likely at many places over Jharkhand on 13th February, avoid irrigation, application of fertilizers and plant protection methods in standing crops.
- In South Eastern Plateau Zone, utilizing the expected rainfall, undertake land preparation for transplanting of summer rice.
- 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 clear weather and keep in safe places.

West Bengal

- In Coastal Saline Zone, complete transplanting of Boro rice in the main field. Undertake sowing of green gram.
- In the Hill Zone, continue harvesting of matured cole crops.
- In the Old Alluvial Zone, start transplanting Boro rice.
- In Laterite and Red Soil Zone, spray Imidacloprid @ 1 ml/1.5 litres of water for aphids in mustard crop at siliqua development stage.

Madhya Pradesh

- In Nimar Valley Zone, undertake sowing of green gram, black gram and groundnut.
- In Vindhya Plateau Zone, undertake harvesting of early varieties of red gram. Apply light irrigation in vegetable crops.
- In Grid Zone, undertake nursery sowing of summer vegetables. Apply irrigation in standing rabi crops.
- In Satpura Plateau Zone, undertake planting of spring sugarcane and sowing groundnut and maize.

- In Jhabua Hill Zone, apply 4th irrigation in wheat at milk stage. Undertake harvesting of matured mustard and gram in clear weather.

Chhattisgarh

- In North Hill Zone, continue nursery sowing of summer vegetable crops (cauliflower, cabbage, tomato, brinjal, chilli, Undertake planting of sugarcane. Undertake harvesting of matured mustard and dry the harvested crop in sun for 2-3 days before threshing.
- In Bastar Plateau Zone, for control of powdery mildew disease in pea crop broadcast Sulphur (200 mes) dust @ 25 - 30 kg/ha on a non- rainy day.

Maharashtra

- In Konkan, in transplanted rice, maintain 5 cm water level at tillering stage.
- In Madhya Maharashtra, in view of hailstorm likely at isolated places over Madhya Maharashtra, farmers are advised to complete harvesting of *rabi* crops before 12th February and keep the produce in safer place. Complete sowing of summer groundnut and vegetables before 15th February.
- In Marathwada, complete harvesting of *rabi* crops as early as possible. The harvested *rabi* crops like rainfed *rabi* sorghum, gram and pigeonpea should be collected and covered by plastics sheet to protect from unseasonal rains, store the threshed crops in safe place (warehouse). Complete harvesting of matured fruits and vegetables as early as possible. Spray 15 PPM GA to control fruit drop in citrus orchard. Complete harvesting of matured grapes as early as possible. To protect the grapevine from rainfall and hailstorm, cover the orchard with hail net.
- In Vidarbha, continue harvesting of matured gram and keep the produce in safer place. Continue sowing of summer sesame and summer groundnut.