

# Advisory for DD Kisan dated 13.02.18

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

## Significant Weather Features

- Thunderstorm observed at a few places over Jammu & Kashmir and Punjab; at isolated places over Himachal Pradesh, Uttarakhand, Haryana, Uttar Pradesh, West Madhya Pradesh, Marathwada and Vidarbha from 0830 hours IST of yesterday to 0830 hours IST of today.
- Dense to very dense fog observed at a few places over Haryana; at isolated places over north Rajasthan and Madhya Pradesh; Moderate fog observed at isolated places over Himachal Pradesh, East Uttar Pradesh and Bihar.
- Heavy rain/ snow observed at isolated places over Jammu & Kashmir from 0830 hours IST of yesterday to 0830 hours IST of today.

## Realised Rainfall

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

- Rain/snow observed at most places over Jammu & Kashmir, Himachal Pradesh and Uttarakhand. Rain/thunder showers observed at most places over East Uttar Pradesh, East Madhya Pradesh and Vidarbha; at many places over Punjab; at a few places over Chhattisgarh and at isolated places over Haryana, West Uttar Pradesh, West Madhya Pradesh, Bihar, Jharkhand, Telangana and North Interior Karnataka and Lakshadweep.

## Minimum temperature

- **Minimum temperature departures as on 13.02.2018:** Minimum temperatures are appreciably below normal (-3.1°C to -5.0°C) at isolated places over Himachal Pradesh and Haryana, Chandigarh & Delhi; below normal (-1.6°C to -3.0°C) at many places over Jammu & Kashmir; at a few places over Odisha; at isolated places over Konkan & Goa and Interior Karnataka.
- The **lowest minimum temperature of 7.3°C** recorded at **Meerut (West Uttar Pradesh)** in the plains of the country.

### Forecast:

- Minimum temperatures very likely to fall by 2-3°C over plains of northwest and adjoining central & west India during next 2 days.

## 5 Day Rainfall Forecast (Mid-day)

**13<sup>th</sup> February 2018**

Met-Sub-Division	13-Feb Today	14Feb Wed	15Feb Thu	16Feb Fri	17Feb Sat
1. Andaman & Nicobar Islands	ISOL	ISOL	DRY	DRY	DRY
2. Arunachal Pradesh	ISOL	SCT	ISOL	ISOL	ISOL
3. Assam & Meghalaya	ISOL	ISOL	DRY	DRY	DRY
4. N. M. M. & T.	DRY	ISOL	DRY	DRY	DRY
5. S.H. West Bengal & Sikkim	ISOL	ISOL	DRY	DRY	DRY
6. Gangetic West Bengal	ISOL	DRY	DRY	DRY	DRY
7. Odisha	ISOL	DRY	DRY	DRY	DRY
8. Jharkhand	SCT	DRY	DRY	DRY	DRY
9. Bihar	ISOL	DRY	DRY	DRY	DRY
10. East Uttar Pradesh	ISOL	DRY	DRY	DRY	DRY
11. West Uttar Pradesh	ISOL	DRY	DRY	DRY	DRY
12. Uttarakhand	ISOL	DRY	DRY	DRY	DRY
13. Haryana, Chd & Delhi	DRY	DRY	DRY	DRY	DRY
14. Punjab	DRY	DRY	DRY	DRY	DRY
15. Himachal Pradesh	ISOL	DRY	ISOL	DRY	DRY
16. Jammu & Kashmir	SCT	ISOL	SCT	ISOL	DRY
17. West Rajsthan	DRY	DRY	DRY	DRY	DRY
18. East Rajasthan	DRY	DRY	DRY	DRY	DRY
19. West Madhya Pradesh	ISOL	DRY	DRY	DRY	DRY
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	DRY	DRY	DRY
25. Marathawada	ISOL	DRY	DRY	DRY	DRY
26. Vidharbha	ISOL	DRY	DRY	DRY	DRY
27. Chhattisgarh	ISOL	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	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	ISOL	DRY	DRY	DRY	DRY
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

- **13 February (Day 1):** Thunderstorm accompanied with gusty winds and lightning very likely at isolated places over East Madhya Pradesh, Chhattisgarh, Vidharbha and Jharkhand. Dense fog very likely at isolated places over South Haryana and North Rajasthan.
- **14 – 17 February (Day 2-5):** No weather warning.

## Fog and Advisories

### Realised:

- **Dense to very dense fog** observed at a few places over Haryana; at isolated places over north Rajasthan and Madhya Pradesh; Moderate fog observed at isolated places over Himachal Pradesh, East Uttar Pradesh and Bihar.

### Forecast:

- Shallow to moderate fog likely over Assam & Meghalaya during next 2 days.

### Warning:

- **Dense fog** very likely at isolated places over South Haryana and North Rajasthan 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.

## Agromet Advisories for *rabicrops* from different AMFU in the country

### Salient advisories

- Utilizing 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, postpone top dressing of urea in late sown wheat crop rainfall is expected during next 2-3 days. Weather is congenial for the infestation of yellow rust in wheat crop, if observed, spray Propiconazole (Tilt) 25 EC @ 0.1 % (1ml/litre of water).
- In apple orchards, in case of snowfall go for limb shaking in fruit trees. Ensure proper drainage in orchards and nurseries.
- In Valley Temperate Zone, in wheat, lentil, oat, pea fields take all necessary measures to improve moisture conservation capacity of their soils besides water harvesting measures and minimize the runoff.

#### Punjab

- In Western Zone of Punjab, as partly cloudy weather is expected during 4-5 days which favour for appearance of yellow rust in wheat, spray Tilt or Bumper or Markzole @ 200 ml in 200 litres of water per acre. Repeat spray at 15 days interval. Complete pruning in grape by mid-February. Before flowering, spray Malathion 50 EC @ 500 ml per 500 litres of water for control of thrips in grapevine.

## Rajasthan

- In Sub Humid Southern Plain and Aravalli Hill Zone, undertake field preparation for sowing of summer groundnut (varieties - TAG-24, DH-86, GG-2, TG-37A and Pratap Raj Groundnut). Undertake sowing of cucurbitaceous, chilli, tomato and brinjal crops in the nursery and undertake transplanting of tomato & chilli seedlings and cole crop.
- In Flood Prone Eastern Plain Zone, to control aphid infestation in mustard destroy infested branches of plant. Spray Dimethoate 30 EC @ 1litre/ ha per 800 litres water when at least 10% plants are infested with 25-26 aphid per plant. Alternaria blight (black spot) disease may observe in mustard spray Mancozeb @ 2 kg per 800 litre water/ha.
- In Arid Western Plain Zone, to prevent Heliothis attack in gram, spray Quinolphos 25 EC @ 1200 ml/ha or Indoxcarb @ 200 ml/ha along with water at the time of flowering and repeat the spray if required. Irrigate crop as per need.

## Assam & Meghalaya

- In Lower Brahmaputra Valley Zone of Assam, undertake gap filling in Boro rice. In case of Hispa, Stem borer etc. infestation, spray Chlorpyrifos 20EC @ 0.02% or apply Carbofuran 3G @ 4kg / bigha. Undertake land preparation and sowing of black gram (varieties- T 9, Pant U 19, UG 157 and JU 78) and green gram (Variety- AAU 34 and AAU 39).
- In Hill Zone of Assam, prevailing weather condition is congenial for incidence of late blight in potato, spray Blitox or Mancozeb @ 2.5g /liter of water at an interval of 5-7 days, thrice.
- In Meghalaya, apply irrigation to pea, lentil & chickpea to maintain proper soil moisture in the field. Undertake transplanting of tomato seedlings at 45x45cm spacing & Capsicum at 30x30cm.

## Jharkhand

- 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, undertake transplanting of 21 days old rice seedlings. Undertake sowing of summer moong (Variety- S.M.L.- 668) in harvested potato field.

## West Bengal

- In Coastal Saline Zone, complete transplanting of *Boro* rice in the main field. Undertake sowing of green gram.
- In Old Alluvial Zone, continue transplanting of *Boro* rice.
- In New Alluvial Zone, to control aphid, hoppers, white fly in chilli, spray Imidcloprid @ 1ml/5litres of water or Thiomethoxam @ 1g/3litres of water.

## Maharashtra

- In Konkan, in transplanted rice, maintain 5 cm water level at tillering stage.
- In Madhya Maharashtra, complete sowing of summer groundnut before 15<sup>th</sup> February.
- In Marathwada, to control fruit drop in citrus, spray 10 to 15 ppm NAA (Naphthalic Acetic Acid). Due to rainfall fruit spot disease may occur in pomegranate, spray Copper hydroxide or Copper Oxychloride @ 25 g per 10 liter of water. Undertake pruning immediately in affected vineyard due to recent rain.
- In Vidarbha, continue sowing of summer sesame (Variety-NT-11) and summer groundnut (Variety- TAG-24, TG-26, SB-11). If incidence of aphid and jassid noticed above E.T.L. in wheat, spray Thiamethoxam 25 WG @ 1g per 10 liters of water in clear weather.