

Advisory for DD Kisan dated 06.03.18

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

Significant Weather Features

- The Western Disturbance over eastern parts of Jammu & Kashmir has moved eastwards and the remnant Western Disturbance as a trough in mid & upper tropospheric westerlies roughly runs along Long. 89°E to the north of Lat. 28°N. Under the influence of the above systems, thunderstorm accompanied with gusty winds very likely at isolated places over Arunachal Pradesh and Assam & Meghalaya during next 24 hours.

Realised Rainfall

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

- Rain recorded at many places over Sub-Himalayan West Bengal; at a few places over Jammu & Kashmir, Jharkhand, Gangetic West Bengal, East Madhya Pradesh, Arunachal Pradesh, Assam & Meghalaya and at isolated places over Himachal Pradesh, Uttarakhand, Chhattisgarh and Nagaland, Manipur, Mizoram & Tripura.

Maximum temperature

- **Maximum temperature departures as on 05.03.2018:** Maximum temperatures were appreciably above normal (3.1°C to 5.0°C) at many places over Jammu & Kashmir, East Madhya Pradesh and Odisha; at a few places Punjab, Vidarbha and East Uttar Pradesh; at isolated places over Himachal Pradesh; above normal (1.6°C to 3.0°C) at most places over Gangetic West Bengal; at many places over West Madhya Pradesh, West Uttar Pradesh and Coastal Karnataka; at a few places over Rajasthan, Gujarat, Bihar, Chhattisgarh, Konkan & Goa, Telangana, Rayalaseema, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Tamil Nadu & Puducherry, Coastal Andhra Pradesh, South Interior Karnataka, Kerala and Andaman & Nicobar Islands; at isolated places over Marathwada, North Interior Karnataka, Lakshadweep.
- Yesterday, the **highest maximum temperature of 40.0°C** recorded at **Bhira (Konkan)** over the plains of the country.

Temperature Forecast:

- Minimum temperatures likely to fall by 1-2°C over plains of northwest India during next 48 hours and gradual rise in maximum temperatures by 2-4°C over the same area during next 3-4 days.
- Maximum temperatures likely to remain above normal by 2-3°C over eastern parts of India during next 3 days and no significant change in temperatures over rest parts of the country during the same period.
- Rise in maximum temperatures likely over West India during next 2-3 days.

5 Day Rainfall Forecast (Mid-day) 6th March 2018

Met-Sub-Division	06-Mar Today	07Mar Wed	08Mar Thu	09Mar Fri	10Mar Sat
1. Andaman & Nicobar Islands	ISOL	ISOL	ISOL	ISOL	SCT
2. Arunachal Pradesh	FWS	ISOL	ISOL	SCT	SCT
3. Assam & Meghalaya	SCT	ISOL	DRY	ISOL	ISOL
4. N. M. M. & T.	ISOL	ISOL	DRY	DRY	ISOL
5. S.H. West Bengal & Sikkim	ISOL	DRY	DRY	ISOL	ISOL
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	DRY
11. West Uttar Pradesh	DRY	DRY	DRY	DRY	DRY
12. Uttarakhand	DRY	DRY	DRY	DRY	DRY
13. Haryana, Chd & Delhi	DRY	DRY	DRY	DRY	DRY
14. Punjab	DRY	DRY	DRY	DRY	DRY
15. Himachal Pradesh	DRY	DRY	ISOL	ISOL	DRY
16. Jammu & Kashmir	DRY	DRY	ISOL	SCT	DRY
17. West Rajsthan	DRY	DRY	ISOL	ISOL	DRY
18. East Rajasthan	DRY	DRY	ISOL	ISOL	DRY
19. West Madhya Pradesh	DRY	DRY	ISOL	ISOL	DRY
20. East Madhya Pradesh	DRY	DRY	ISOL	ISOL	ISOL
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	ISOL	DRY	DRY	DRY
25. Marathwada	DRY	ISOL	DRY	DRY	DRY
26. Vidharbha	DRY	DRY	ISOL	ISOL	ISOL
27. Chhattisgarh	DRY	DRY	DRY	ISOL	ISOL
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	DRY	DRY	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	DRY	ISOL	DRY	DRY	DRY
36. Lakshadweep	DRY	DRY	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

- **06 March (Day 1):** Thunderstorm accompanied with gusty winds very likely at isolated places over Arunachal Pradesh and Assam & Meghalaya.
- **07 March (Day 2):** No weather warning.

- **08 March (Day 3):** Thunderstorm accompanied with hailstorm likely at isolated places over north Vidarbha.
- **09 March (Day 4):** Thunderstorm accompanied with hailstorm likely at isolated places over north Vidarbha and Chhattisgarh.
- **10 March (Day 5):** Thunderstorm accompanied with hailstorm likely at isolated places over north Vidarbha and Chhattisgarh.

Thunderstorm accompanied with hailstorm

Warning:

- **Thunder squall accompanied with hailstorm** likely at isolated places over north Vidarbha during 8th to 10th March and over Chhattisgarh on 9th & 10th March.

Advisory:

- In view of expected hailstorm in above regions protect orchard crops from mechanical damage. Arrange support to young fruit plants and vegetables, propping up in sugarcane to prevent the crops from lodging due to strong winds. Keep harvested produce at safe places.

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

Sate-wise Advisories

Maharashtra

- In view of likely thunderstorm accompanied with hailstorm accompanied at isolated places over north Vidarbha, keep the harvested produce in safer place.
- In view of likely thunderstorm/ rain at isolated places over Dhule, Nandurbar, Jalgaon, Aurangabad and Jalna districts, keep the harvested produce in safer place.
- In South Konkan, in view of dry weather, maintain 8-10 cm water level in summer rice after 10 days of panicle initiation. In view of expected dry weather, apply 80-100 litres of water per mango tree at 7 days interval as per the availability of water. Also undertake mulching with grass in mango orchards to avoid moisture loss in lateritic soil.
- In Madhya Maharashtra and Marathwada, as dry weather would continue to prevail, apply irrigation to sugarcane and undertake mulching with sugarcane trash to reduce moisture loss. For control of leaf miner in watermelon, musk melon and cucurbitious crops, spray of 4% neemark and for control of fruit fly erect 5 Pheromone trap of Q-lure per acre and change the lure after 3 weeks. For control of early shoot borer in sugarcane, spray 18.5 SC Chlorantraniliprole @ 3 to 4 ml per 10 litres of water.

- In Vidarbha, apply irrigation to groundnut crop at an interval 10-12 days. Maintain 2-3 cm water level in transplanted rice fields in east Vidarbha. Undertake transplanting of 5 to 6 weeks old brinjal and chilli seedlings.

Punjab, Haryana & Delhi

- In Western Plain Zone of Punjab, as dry weather is expected next 4-5 days, irrigate wheat crop, if needed. Monitor wheat fields for appearance of yellow rust, as soon as disease appears, spray Tilt or Bumper or Markzole @ 200 ml in 200 litres of water per acre. Repeat spray at 15 days interval. Undertake sowing of summer okra (Variety: Punjab Padmini, Punjab 7, Punjab 8).
- In Delhi, in present weather condition monitor the wheat crop against brown and black rust, If symptoms of brown or black rust appears spray Dithane M- 45 @ 2.5 g or Carbendazim 1.0 g or Propiconazole 1.0 g per litre of water. Continue sowing of early ladies finger (Variety: A-4, Parbani Kranti and Arka Anamika). Undertake sowing of green gram (Variety: Pusa Visal, Pusa 9531, PDM-11, SML-668 and black gram (Variety: Pant Urd 19, Pant Urd 30, Pant Urd 35, PDU-1).

Assam & Meghalaya

- In Lower Bramhaputra Valley Zone, undertake direct sowing of early Ahu rice, select dwarf varieties such as Luit, Kapilee, IR-36, Kalinga 3 etc. and tall varieties such as Baghlami, Rangadoria, Ahujaha, Kolamanik etc. Undertake sowing of maize (Hybrid variety - Ganga 5, Hi Starch and Composite variety - NLD, Dhawal, Naviot, Diara etc. Undertake land preparation for sowing of jute. (capsularis Jute: varieties like JRC 212, JRC 321 (Sonali), JRC 7447 (Shyamali) and UPC 94 (Reshma) and olitorius Jute: Varieties like JRO 524 (Navin), JRO 785 (Basudev), JRO 632 (Baisakhtissa), Set-2 (Bahagi) and Tarun).
- In Hill Zone, undertake land preparation for sowing of green gram (varieties- T44, AAU 34, AAU 39, Pratap etc) and black gram (varieties- T 9, Pant U 19, JU 78 etc.).

Odisha

- In Western Undulating Zone, as dry weather is prevailing irrigate sugarcane field at 7 days interval at sprouting stage upto 35 days of planting. Undertake harvesting of matured mustard. More difference between daily maximum and minimum temperature favours the infestation of blast in rice field, spray Tricyclazole 75% SP @ 0.6 g/ litre water.
- In North Eastern Ghat Zone, as temperature is favourable complete sowing of sunflower. Select High Yielding Varieties like Morden and Hybrid Varieties PAC 36, KBSH, MSFH-8 and MSFH 17 for sowing.

Chhattisgarh

- In Bastar Plateau Zone, complete sowing of cowpea and sesame before first fortnight of March. For control of white rust in mustard, spray Mancozeb + Metalaxyl (2.5g /litre water) or Copper containing (2.5g /litre water).

Kerala

- In the Central Zone, undertake planting of pepper vines in nursery beds for rooting. Undertake main field preparation for *Puncha* rice. Transplant seedlings at 4-5 leaf stage.
- In Southern Zone, apply irrigation to Nendran banana s at an interval of 3- 4 days. Also mulch the crop to retain moisture in the field

Andhra Pradesh

- In the Krishna Godavari Zone, undertake harvesting of chick pea, green gram and black gram cops.

Under present dry weather conditions apply light irrigation to rice fallow maize or spray potassium nitrate 1.0 kg per acre or 2% urea to mitigate stress condition. Undertake sowing of summer green gram & black gram.

- In Scarce Rainfall Zone of Rayalaseema, incidence of sucking pests is observed in some parts, sprays Dimethoate @ 2ml/lit of water or Thiomethoxam @ 40g/acre.

Telangana

- In North Telangana Zone, maintain shallow depth of water (2-3 cm) during tillering stage of rice crop.
- In South Telangana Zone, prevailing dry weather conditions are favorable for incidence of aphids in maize, spray Chlorpyrifos @ 2 ml or Acephate @ 1.5 g per litre of water. Prevailing weather conditions are congenial for the incidence of hoppers & anthracnose in mango, spray Monocrotophos @ 1.6 ml + Carbendazim @ 1 g per liter of water.

Tamil Nadu

- In Cauvery Delta Zone, sucking pest incidence is being noticed in the rice fallow pulses, spray Thiamethoxam @ 40 g/acre in 200 litres of water. Undertake nursery sowing of summer rice. (Varieties: ADT 43, ADT 45 and CO 51). Seeds may be treated with Pseudomonas fluorescence @ 10 g/ kg of seeds before sowing.

Karnataka

- In Southern Transition Zone, continue transplanting of summer rice. Use 8 to 10 month old disease free setts for planting of sugarcane. Continue harvesting of matured rhizomes of turmeric and ginger.
- In Eastern Dry Zone, dropping of fruits in mango is noticed, apply adequate quantity of irrigation water.