

**Advisory for DD Kisan dated 04.09.18**  
**(Agromet Advisories mentioned in the inputs are prepared by different Agromet Field Units in the country)**

**Significant Weather Features**

- Monsoon trough, continues to remain active with 3 embedded cyclonic circulations, (i) over northern parts of Haryana and neighbourhood (ii) over East Uttar Pradesh and adjoining Bihar and (iii) over north Bay of Bengal and neighbourhood. Also a low pressure area is likely to form over north Bay of Bengal and neighbourhood during next 48 hours.
- Fairly widespread to widespread rainfall with isolated very heavy & extremely heavy falls are likely over Odisha during next 2-3 days. Adjoining areas of Gangetic West Bengal, Jharkhand and Chhattisgarh are also likely to receive fairly widespread to widespread rainfall with isolated heavy falls during this period.
- Fairly widespread to widespread rainfall with isolated heavy falls are likely to continue over parts of northwest and adjoining central India during next 48 hours and reduce subsequently.
- As the cross equatorial flow is likely to continue to remain weak, the rainfall activity could remain subdued over Peninsular India during next 5 days.
- Heavy to very heavy and extremely heavy rainfall observed at isolated places over Himachal Pradesh; Heavy to very heavy rainfall over Assam & Meghalaya and heavy rainfall at isolated places over Uttarakhand, East Rajasthan, West Madhya Pradesh, Uttar Pradesh and Andaman & Nicobar Islands from 0830 hours IST of yesterday to 0830 hours IST of today.
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**Realised Rainfall**

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

- Rain/thundershowers observed at most places over Himachal Pradesh, Uttarakhand, Uttar Pradesh, Jharkhand, East Rajasthan, Konkan & Goa and Andaman & Nicobar Islands; at many places over Gujarat region; at a few places over Jammu & Kashmir, Haryana, Chandigarh & Delhi, Bihar, West Bengal & Sikkim, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Odisha, Madhya Maharashtra, Madhya Pradesh, Chhattisgarh, Coastal Karnataka, Vidarbha, Telangana and at isolated places over West Rajasthan, Saurashtra & Kutch, Coastal Andhra Pradesh, Interior Karnataka and Tamilnadu & Puducherry.

## 5 Day Rainfall Forecast (Mid-day) 4<sup>th</sup> September 2018

Met-Sub-Division	04-Sep Today	05Sep Wed	06Sep Thu	07Sep Fri	08Sep Sat
1. Andaman & Nicobar Islands	WS	FWS	FWS	FWS	FWS
2. Arunachal Pradesh	SCT	SCT	SCT	FWS	FWS
3. Assam & Meghalaya	FWS	FWS	FWS	WS	WS
4. N. M. M. & T.	FWS	FWS	FWS	FWS	WS
5. S.H. West Bengal & Sikkim	SCT	SCT	SCT	FWS	FWS
6. Gangetic West Bengal	FWS	WS	WS	FWS	SCT
7. Odisha	FWS	WS	WS	FWS	SCT
8. Jharkhand	FWS	WS	WS	WS	FWS
9. Bihar	SCT	SCT	SCT	FWS	FWS
10. East Uttar Pradesh	WS	SCT	SCT	SCT	SCT
11. West Uttar Pradesh	FWS	FWS	SCT	SCT	SCT
12. Uttarakhand	WS	WS	FWS	FWS	FWS
13. Haryana, Chd & Delhi	SCT	ISOL	ISOL	SCT	SCT
14. Punjab	ISOL	ISOL	ISOL	ISOL	ISOL
15. Himachal Pradesh	WS	FWS	SCT	SCT	SCT
16. Jammu & Kashmir	SCT	ISOL	ISOL	ISOL	ISOL
17. West Rajasthan	ISOL	DRY	DRY	ISOL	ISOL
18. East Rajasthan	FWS	FWS	SCT	SCT	SCT
19. West Madhya Pradesh	FWS	FWS	FWS	SCT	SCT
20. East Madhya Pradesh	FWS	FWS	FWS	SCT	SCT
21. Gujarat Region	SCT	ISOL	ISOL	SCT	SCT
22. Saurashtra & Kutch	ISOL	ISOL	ISOL	ISOL	SCT
23. Konkan & Goa	WS	WS	WS	WS	WS
24. Madhya Maharashtra	SCT	ISOL	ISOL	ISOL	ISOL
25. Marathawada	ISOL	ISOL	ISOL	ISOL	ISOL
26. Vidharbha	ISOL	ISOL	ISOL	ISOL	ISOL
27. Chhattisgarh	FWS	FWS	SCT	SCT	SCT
28. Coastal Andhra Pradesh	ISOL	ISOL	ISOL	ISOL	ISOL
29. Telangana	ISOL	ISOL	ISOL	ISOL	ISOL
30. Rayalaseema	ISOL	ISOL	ISOL	ISOL	ISOL
31. Tamilnadu & Puducherry	ISOL	ISOL	ISOL	ISOL	ISOL
32. Coastal Karnataka	SCT	SCT	SCT	SCT	FWS
33. North Interior Karnataka	ISOL	ISOL	ISOL	ISOL	ISOL
34. South Interior Karnataka	SCT	ISOL	ISOL	ISOL	SCT
35. Kerala	ISOL	ISOL	ISOL	ISOL	SCT
36. Lakshadweep	ISOL	ISOL	ISOL	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

- **04 September (Day 1):** Heavy to very heavy rain at isolated places very likely over Odisha, East Uttar Pradesh and northwest Madhya Pradesh and Heavy rain at isolated places very likely over Andaman & Nicobar Islands, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, West Uttar Pradesh, Uttarakhand, Himachal Pradesh, East Rajasthan, East Madhya Pradesh, North Chhattisgarh, Tamilnadu and South Interior Karnataka.
- **05 September (Day 2):** Heavy to very heavy rain with extremely heavy rain at isolated places very likely over Odisha and heavy rain at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Jharkhand, Uttarakhand, East Rajasthan and Madhya Pradesh.

Rough to very rough sea conditions are likely to prevail over north Bay of Bengal off Odisha-West Bengal Bangladesh coasts. Fishermen are advised not to venture into these areas.

- **06 September (Day 3):** Heavy to very heavy rain at isolated places very likely over Odisha and heavy rain at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Jharkhand, Uttarakhand, West Madhya Pradesh and Chhattisgarh. Rough to very rough sea conditions are likely to prevail over north Bay of Bengal off Odisha-West Bengal Bangladesh coasts. Fishermen are advised not to venture into these areas.
- **07 September (Day 4):** Heavy rain at isolated places likely over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura and Sub-Himalayan West Bengal & Sikkim.
- **08 September (Day 5):** Heavy to very heavy rain at isolated places likely over Nagaland, Manipur, Mizoram & Tripura and heavy rain at isolated places over Arunachal Pradesh and Assam & Meghalaya.

## Agromet Advisories for *Kharif* crops from different AMFUs in the country

### State-wise Advisories

#### Assam

- In Lower Brahmaputra Valley Zone of Assam, complete sowing of cauliflower (early varieties: Kunwari, Pusa Dipali, Pusa Katki etc.). To control severe attack of yellow stem borer in rice, spray Chlorpyrifos @ 2ml/lit of water during the fair weather.
- In North Bank Plain Zone of Assam, undertake sowing of green gram and black gram in high lands having sandy-loam textures. Green gram (var. T-44, Kopergaon, K-851, ML-56, ML-131 etc.) of black gram (var. T-9, T-27, Pant U-19, T-122).

#### Jammu & Kashmir

- In Sub Tropical Zone, in rice crop, to control sheath blight, spray Carbendazim @ 0.1% during clear weather, to control plant hopper Install pheromone traps @ 1/kanal or spray Imidacloprid 200SL @ 6.25 ml/Kanal during clear weather. In Maize crop, to control jassid spray Imidacloprid @0.3ml/lt during clear weather and other sucking pests during clear weather.

#### Rajasthan

- In Semi Arid Eastern Plain Zone of Rajasthan, to control, Bacterial blight attack on moth bean, green gram & cowpea, spray Streptomycin @ 1 gm & Copper oxychloride @ 30 gm per 10 litre water. To control leaf spot disease in groundnut spray Bavistin @ 0.5 gm or Mencozeb @ 2 gm per litre water.
- In Arid Western Plain Zone of Rajasthan, to control Tikka disease in groundnut, spray Mencozeb or Chlorothalonil @ 2 gram per litre of water.

## Karnataka

- In Eastern Dry Zone of Karnataka, undertake transplanting of Ragi (short duration varieties GPU-26, 45 & 48) . In redgram, to control Pod borer spray Indoxycarb 14.5sc @ 1 ml/litre of water.
- In North East Transition Zone, in soybean to control Leaf eating caterpillars, spray Quinalphos (2ml) or 1ml Monocrotophos or 2ml Chlorpyrifos dissolved in one liter of water.

## Andhra Pradesh

- In Scarce Rainfall Zone of Rayalaseema, undertake sowing of korra and bajra after receipt of sufficient rainfall ( Kora varieties: SIA-3085, SIA 3156, Suryanandi, Srilakshmi and Prasad), bajra (varieties: PHB-3, ICMH-356, ICTP 8203, RAJ -171, ICMS -7703, ICMV-221, ICMH-420 ). In groundnut, to control sucking pests, spray Monocrotophos@1.6 ml/l or Imidacloprid 0.3ml/l or Dimethoate @ 2 ml/l. To control, Tikka leaf spot disease spray Saaf 3g/l (Mancozeb 2g/l + carbandazim 1g/l).
- In Southern Zone, provide irrigation with sprinklers or rain guns in groundnut. To control leaf mite in rice spray prophenophos @ 2 ml./litre of water. To control White fly, Thrips in sugarcane, spray Monocrotophos @ 1.6 ml. (or) Dimethoate 1.7 ml. and to control mite spray wettable sulphur @ 3 g./litre of water.

## Maharashtra

- In Konkan, maintain water level of 5-10 cm in rice field. To control Blast disease in rice, spray Tricyclazole @ 1 g or Isoprothiolane @ 1 ml per litre of water after current spell of rain.
- In Madhya Maharashtra, maintain 5-10 cm water level in rice fields. For control of leaf eating caterpillar in soybean, erect 5 pheromone traps per ha using spodo lure. For control of pod borer/hairy caterpillar in green gram, spray Quinalphos 25 EC @ 20 ml per 10 liter of water on a non-rainy day. Undertake protective light irrigation in kharif crops as per requirement and availability of water in Dahiwadi, Khatav and Phaltan tahsils of Satara district and Atpadi, Jat, Kavate Mahankal tahsils of Sangli district.
- In Marathwada, continue harvesting of timely sown and matured black / green gram. To control sucking pest in cotton, spray Fipronil 5 % @ 30 ml or Buprofezin 25 % @ 20 ml per 10 liter of water. Irrigate groundnut using sprinkler as per requirement of the crop and availability of water. To control attack of stem borer in maize, undertake soil application of Carbofuran 3 % @ 13 kg per acre.
- In West Vidarbha, continue plucking of matured pods of green gram. In East Vidarbha, maintain 3-5 cm water level in rice fields. To control incidence of stem fly and girdle beetle in soybean, spray Chlorantraniliprole 18.5 SC @ 3 ml or Profenofos 50% EC @ 20 ml or Triazophos 40% EC @ 12.5 ml in 10 liter of water.