

**Advisory for DD Kisan dated 28.08.18**  
**(Agromet Advisories mentioned in the inputs are prepared by different Agromet Field Units in the country)**

**Significant Weather Features**

- The low pressure over north Odisha & neighbourhood has become less marked, however The associated cyclonic circulation lies over north interior Odisha & neighborhood and extends upto 4.5 km above mean sea level.
- Under the influence of the above system, fairly wide spread to wide spread rainfall activity with isolated heavy falls likely over Madhya Pradesh, Vidharbha and Chhattisgarh during next 48 hours.
- A cyclonic circulation over south Gujarat & neighbourhood between 1.5 & 4.5 km above mean sea level likely to cause fairly wide spread rainfall activity with isolated heavy falls over Gujarat region during next 48 hours.
- Strengthening of the monsoon current likely to cause fairly widespread to widespread rainfall activity with isolated heavy falls over Konkan & Goa and Madhya Maharashtra during next 48 hours.

**Realised Rainfall**

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

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

## 5 Day Rainfall Forecast (Mid-day) 28<sup>th</sup> August 2018

Met-Sub-Division	28-Aug Today	29Aug Wed	30Aug Thu	31Aug Fri	01Sep Sat
1. Andaman & Nicobar Islands	FWS	FWS	FWS	WS	WS
2. Arunachal Pradesh	WS	FWS	SCT	FWS	FWS
3. Assam & Meghalaya	WS	FWS	SCT	FWS	FWS
4. N. M. M. & T.	FWS	FWS	FWS	WS	FWS
5. S.H. West Bengal & Sikkim	WS	FWS	FWS	FWS	WS
6. Gangetic West Bengal	FWS	FWS	FWS	WS	WS
7. Odisha	FWS	FWS	SCT	FWS	WS
8. Jharkhand	WS	FWS	FWS	FWS	WS
9. Bihar	SCT	SCT	FWS	FWS	FWS
10. East Uttar Pradesh	FWS	FWS	FWS	FWS	FWS
11. West Uttar Pradesh	FWS	FWS	SCT	FWS	FWS
12. Uttarakhand	FWS	FWS	FWS	FWS	FWS
13. Haryana, Chd & Delhi	FWS	SCT	ISOL	SCT	ISOL
14. Punjab	SCT	ISOL	ISOL	ISOL	ISOL
15. Himachal Pradesh	ISOL	ISOL	SCT	SCT	SCT
16. Jammu & Kashmir	ISOL	ISOL	ISOL	ISOL	ISOL
17. West Rajsthan	ISOL	ISOL	DRY	DRY	DRY
18. East Rajasthan	FWS	FWS	SCT	SCT	SCT
19. West Madhya Pradesh	WS	WS	FWS	SCT	SCT
20. East Madhya Pradesh	WS	WS	FWS	FWS	FWS
21. Gujarat Region	FWS	FWS	SCT	SCT	SCT
22. Saurashtra & Kutch	SCT	SCT	SCT	SCT	ISOL
23. Konkan & Goa	WS	WS	WS	WS	WS
24. Madhya Maharashtra	WS	FWS	SCT	SCT	SCT
25. Marathawada	SCT	SCT	ISOL	ISOL	ISOL
26. Vidharbha	WS	FWS	SCT	SCT	SCT
27. Chhattisgarh	WS	FWS	SCT	SCT	FWS
28. Coastal Andhra Pradesh	SCT	ISOL	ISOL	SCT	SCT
29. Telangana	WS	SCT	ISOL	ISOL	SCT
30. Rayalaseema	SCT	ISOL	ISOL	ISOL	ISOL
31. Tamilnadu & Puducherry	FWS	ISOL	ISOL	SCT	SCT
32. Coastal Karnataka	WS	WS	FWS	FWS	FWS
33. North Interior Karnataka	FWS	SCT	SCT	SCT	SCT
34. South Interior Karnataka	FWS	SCT	SCT	SCT	SCT
35. Kerala	FWS	FWS	SCT	SCT	SCT
36. Lakshadweep	FWS	FWS	SCT	SCT	SCT

% Station Reporting Rainfall

% Stations	Category	% Stations	Category
75-100	Widespread (WS/Many Places)	25-50	Scattered (SCT/ A Few Places)
51-75	Fairly Widespread (FWS/ Many Places)	1-25	Isolated (ISOL)
No Rain	Dry		

### Weather Warning

- **28 August (Day 1):** Heavy rain at isolated places very likely over Himachal Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, West Uttar Pradesh, East Rajasthan, Madhya Pradesh, Vidarbha, Chhattisgarh, Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Gujarat region, Madhya Maharashtra, Konkan & Goa, Telangana, Coastal Karnataka and Tamilnadu.
- Rough to very rough sea conditions are very likely to prevail over West Central Arabian Sea. Fishermen are advised not to venture over this area.
- **29 August (Day 2):** Heavy rain at isolated places very likely over West Uttar Pradesh, East Rajasthan, Madhya Pradesh, Vidarbha, Chhattisgarh, Arunachal Pradesh, Assam & Meghalaya, Gujarat region, Madhya Maharashtra and Konkan & Goa.
- **30 August (Day 3):** Heavy rain at isolated places likely over East Uttar Pradesh.

- **31 August (Day 4):** Heavy rain at isolated places likely over Uttar Pradesh, Odisha, Arunachal Pradesh, Assam & Meghalaya, and Nagaland, Manipur, Mizoram & Tripura.
- **01 September (Day 5):** Heavy rain at isolated places likely over East Uttar Pradesh, Odisha, Nagaland, Manipur, Mizoram & Tripura.

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

### State-wise Advisories

#### Jammu & Kashmir

- In Sub Tropical Zone, in rice crop spray Carbendazim @ 0.1% to control the attack of sheath blight during clear weather. In *Kharif* pulses ( moong & mash) to control hairy caterpillar, destroy young larvae in gregarious phase, if population is high, spray Quinalphos @ 0.03% or Dichlorvos @ 0.05% during clear weather. In Maize, to control attack of stem borer, spray Carbaryl @ 0.1 % during clear weather.

#### Assam

- In Upper Brahmaputra Valley Zone undertake transplanting of Sali Rice, In flood affected areas transplant aged seedlings of rice like Swarna Sub-1, Monoharsali, Andreusali, Prasadbhog etc. at a closer spacing with more number of seedlings per hill and Continue transplanting of 60-70 days old seedlings of Gitesh and Prafulla in the main fields. In rice spray Chlorpyrifos 20 EC at 0.02% concentration or Quinalphos 25 EC @ 66-80 ml per 66-80 litre of water per bigha to control stem borer, hispa, army worm and case worm. Continue sowing of black gram and green gram in the flood free upland areas.

#### Jharkhand

- In Western Plateau Zone, undertake sowing of Kulthi (varieties of kulthi like V.L.G.-19 or Birsa kulthi-1) or Niger (Birsa niger-1, Birsa niger-2, Birsa niger-3, Pooja-1 etc.) during clear weather. In Maize, spray neem based insecticide on upper part of the plant @ 2-3 ml. per liter of water to control fruit borer attack.

#### Odisha

- In Western Undulating Zone drain out excess water from rice field to maintain the water level upto 5cm. In Sugarcane, spray Triazophos/Profenophos @2ml/lit of water to control early shoot borer.

#### Rajasthan

- In Arid Western Plain Zone, in groundnut and other legumes, to control pod borer infestation use pheromone traps and light traps. In early sown cluster bean to control sucking pests like jassids and thrips spray Imidachloprid 17.8 SL @ 300 ml/ha when sky remains clear.
- In Sub Humid Southern Plain and Aravali Hill Zone, in maize crop, use Trichocards @ 4/acre for monitoring of stem borer, if insect population is above ETL, spray Carbaryl @ 2.0 gm/ lit. or

broadcast Carbofuran 3% G or phorate 10 % G @ 8 kg/acre during clear sky. In cotton crop apply Methyl Dimeton 25 EC @1 lit of water/ha for the control of white fly.

## Maharashtra

- In Konkan, maintain water level of 5-10 cm in rice field. To control blast disease in rice, spray Tricyclazole @ 10 g or Isoprothiolane @ 10 ml per 10 litres of water after current spell of rain.
- In Madhya Maharashtra, maintain 5-10 cm water level in rice fields. For control of pod borer/hairy caterpillar in green gram, spray Quinalphos 25 EC @ 20 ml per 10 liter of water after current spell of rain. To control the leaf eating caterpillar in soybean, spray Chlorpyrifos 20% @ 20 ml per 10 litre or Cypermethrin 25% @ 4 ml per 10 litre of water after current spell of rain.
- In Marathwada, undertake harvesting of timely sown and matured black / green gram. To control stem borer in maize, apply Carbofuran 3 % @ 13 kg per acre in soil on a non-rainy day. To control parawilt in cotton, undertake drenching with solution of Copper-oxy-chloride @ 25 g or Carbendazim @ 10 g + Urea @ 100 g + Super phosphate @ 300 g in 10 liter of water. To control sucking pest in cotton, spray Fipronil 5 % @ 30 ml or Buprofezin 25 % @ 20 ml per 10 liter of water on a non-rainy day.
- In West Vidarbha, continue plucking of green pods of green gram. To control wilt and root rot in pigeon pea, undertake drenching with copper oxychloride @ 25 g / 10 lit of water after current spell of rain. For control of tobacco leaf eating caterpillar and green semilooper in soybean, spray Indoxacarb 15.8% EC @ 6.67 ml per 10 liters of water after current spell of rain.
- In East Vidarbha , maintain 3-5 cm water level in rice fields. to control pink boll worm in cotton, destroy rosette flowers, dropped squares, dried flowers and premature bolls. If incidence above ETL level, spray Thiodicarb 75 WP @ 20g or Quinalphos 25% EC @ 25 ml or Profenophos 50% EC @ 20 ml per 10 litres of water after current spell of rain.

## Andhra Pradesh

- In Scarce Rainfall Zone of Rayalaseema, undertake sowing of Redgram (varieties viz., ICPL 85063, PRG 176, LRG 52 ) upto end of august month. In Groundnut spray Monochrotophos@1.6 ml/l or Imidacloprid 0.3ml/l or Dimethoate @ 2 ml/l for control of sucking pests, spray Monochrotophos@1.6 ml/l for control of Helicoverpa pest.
- In High Altitude Tribal Zone, to control Blast in rice spray Tricyclazole at 0.6 g/lit or Edifenphos @ 1 ml/lit or Carbandizam at 1.0 gm/l. In Groundnut, to control Tikka leaf spot, spray Mancozeb @ 400g/ac and Carbandizam @ 200 g/ac.

## Karnataka

- In Eastern Dry Zone, undertake sowing of short duration Ragi (varieties: GPU-26, 45 & 48), undertake land preparation for sowing of short duration crops like Cowpea ( TVX-944, KBC-1 ,C-152, KM-5and PKB-4 (vegetable purpose)), Field bean: (HA-3 &4, Horse gram: KBH-1, PHG-9, Foxtail millet: RS-118, K-221-1, PS-4, SIA-326), Little millet ( CO-2, PRC-3, OLM-203, Kodo millet: PSC-1,JNK-364, RBK-155, GPUK-3).