

Advisory for DD Kisan dated 11.09.18

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

Significant Weather Features

- The monsoon trough continues to remain to the north of its normal position, with eastern end passing across the northeastern states. The north- south trough in the lower tropospheric levels from East Bihar to West central Bay of Bengal causing moisture incursion over northeast and adjoining eastern India also persists. This situation is likely to prevail during next 2-3 days.
- As a consequence, the ongoing widespread rainfall activity is likely to continue over Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh and Assam & Meghalaya with isolated heavy to very heavy falls during next 2 days and over Nagaland, Manipur, Mizoram & Tripura during next 24 hours. Eastern parts of Bihar and Gangetic West Bengal are also likely to receive fairly-widespread rainfall with isolated heavy falls during next 2 days.
- Subdued rainfall activity is likely over the rest of the country, outside western Himalayan region and southeast peninsular India where scattered to fairly widespread rain/thundershowers are likely during next 2-3 days.
- A fresh Western disturbance is likely to cause enhanced precipitation over western Himalayan region and adjoining plains during 13th-15th September.
- Heavy to very heavy rainfall occurred at isolated places over Meghalaya & Uttarakhand and heavy rain at isolated places over Sub-Himalayan West Bengal & Sikkim, Haryana and Tamilnadu 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):

- Rainfall observed (from 0830 hrs IST of yesterday to 0830 hours IST of today): Rain/thundershowers observed at most places over Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya, Arunachal Pradesh and Nagaland, Manipur, Mizoram & Tripura; at many places over Himachal Pradesh & Bihar; at a few places over Jammu & Kashmir, Uttarakhand, Odisha, Gangetic West Bengal, Jharkhand, Coastal Andhra Pradesh, South Interior Karnataka, Andaman & Nicobar Islands and Tamilnadu & Puducherry; at isolated places over Punjab, Haryana, Chandigarh & Delhi, Rajasthan, Madhya Pradesh, West Uttar Pradesh, Saurashtra & Kutch, Chhattisgarh and Telangana.

5 Day Rainfall Forecast (Mid-day) 11th September 2018

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

- **11 September (Day 1):** Heavy to very heavy rain with extremely heavy falls at isolated places very likely over Assam & Meghalaya; heavy to very heavy rain at isolated places very likely over Sub-Himalayan West Bengal & Sikkim and Arunachal Pradesh and heavy rain at isolated places very likely over Bihar, Gangetic West Bengal, Odisha, Nagaland Manipur, Mizoram & Tripura, Rayalaseema, Tamilnadu & Puducherry and South Interior Karnataka.
- **12 September (Day 2):** Heavy to very heavy rain at isolated places very likely over Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh, Assam & Meghalaya and heavy rain at isolated places over Bihar, Gangetic West Bengal, Nagaland Manipur Mizoram & Tripura, Coastal Andhra Pradesh, Tamilnadu & Puducherry and Rayalaseema.

Thunderstorm accompanied with lightning very likely at isolated places over north Madhya Pradesh.

- **13 September (Day 3):** Heavy rain at isolated places very likely over Jammu & Kashmir Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh and Assam & Meghalaya.

Thunderstorm accompanied with lightning very likely at isolated places over East Madhya Pradesh and north Chhattisgarh.

- **14 September (Day 4):** Heavy rain at isolated places likely over Jammu & Kashmir and Punjab.

- **15 September (Day 5):** Heavy rain at isolated places likely over Andaman & Nicobar Islands.

Thunderstorm accompanied with lightning likely at isolated places over Marathwada.

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

State-wise Advisories

Jammu and Kashmir

- In Sub Tropical Zone, in rice to control attack of sheath blight, spray Carbendazim @ 0.1% during clear weather. In *Kharif* Pulses to control attack of hairy caterpillar in green gram & mash crop, destroy young larvae in gregarious phase, if population is high, spray Quinalphos @ 0.03% or Dichlorvos @ 0.05% during clear weather.

Assam

- In Upper Brahmaputra Valley Zone (in flood affected areas), where the rice crop was totally damaged, undertake field preparation for very short duration varieties such as Luit, Kapilee and Dichang for direct sowing under fair weather condition.
- In North Bank Plain Zone, undertake sowing of green gram and black gram in high lands having sandy-loam textures (varieties of green gram: T-44, Kopergaon, K-851, ML-56, ML-131 etc. black gram: are T-9, T-27, Pant U-19, T-122), in rice, to control attack of Leaf folder, Army worm, Rice hispa spray Chloropyrifos 20EC or Monocrotophos 40EC @ 1.5ml per liter of water mainly in rainfree weather.

Bihar

- In North East Alluvial Zone, in rice, to control Sheath blight and Sheath rot, spray combination of Mancozeb (@2g/lit) and Bavistin (@2gm/lit). To control infestation of stem borer apply Cartaphydrochloride 4G (Caldan) or fipronil 0.3G @10kg/acre is advised to protect the crop.

Rajasthan

- In Semi Arid Eastern Plain Zone, undertake field preparation for sowing of rainfed Taramira, Mustard and Pea. (Pea varieties: Arkil, Hara bona, VL-3, Jawahar Matar-4, Matar Ageti-6). Undertake plucking of matured ripe pods of pulse crops like green gram, moth bean and cowpea.

Odisha

- In North Central Plateau Agroclimatic Zone, in rice to control Stem borer infestation spray 2 ml Profenofos or Chlorpyrifos/litre water. In maize, make drainage provisions in the field. To control Aphid infestation spray 2 ml methyle demiton or dimethoate/litre water.

Gujarat

- In North Gujarat Zone, to control Jassid/Thrips in cotton, spray Acephate 75% SP @ 15 gm and Abamectine 10 ml / 10 lit of water. In groundnut, to control aphid spray Imidacloprid 17.8% 5 ml or Thiomethoxam 3 gram or Dimethoate 10 ml in 10 liters of water.

Maharashtra

- In Konkan, maintain water level of 5-10 cm in rice field. To control stem borer in rice, apply Phorate 10% granules @ 10 kg per ha or 5% Quinalphos granules @ 15 kg per ha or 3% Carbofuron granules @ 16.5 kg per ha.
- In Madhya Maharashtra, apply protective irrigation in *kharif* crops under water stress conditions. In groundnut to control tikka and rust disease, spray Mancozeb 25 gm + Carbendenzim 10 gm per 10 litre of water. Maintain 5-10 cm water level in rice fields.
- In Marathwada, to control sucking pests and pink bollworm in cotton, spray Pyriproxyfen 5 % + Fenpropathrin 15 % @ 200 ml or Thiamethoxam 12.6 % + Lambda-Cyhalothrin 9.5 % @ 80 ml or Indoxacarb 14.5% + Acetamiprid 7.7 % @ 200 ml per acre. Apply protective irrigation in irrigated cotton crop and groundnut crop. To control stem borer in maize crop, spray of Thiamethoxam 12.6 % + Lambda-Cyhalothrin 9.5 % @ 50 ml per acre. In view of Thunder and lightning very likely at isolated places on 15th September, farmers are advised not to work in open field and keep the cattle in shed.
- In West Vidarbha Complete harvesting of late sown matured green gram and timely sown black gram also keep the harvested produce in safer place. Give protective irrigation during morning/evening hours to avoid moisture stress in cotton and soybean crop particularly in rain deficient areas.
- In East Vidarbha, to control Stem borer infestation in rice, spray Acephate 75% WP 20 gm or Quinalphos 32 ml in 10 liter of water.

Kerala

- In Central Zone, in rice to control Bacterial Leaf blight, mix 200 g of cow dung in 1 litre of water and spray the supernatant liquid by mixing with 20g pseudomonas twice at 10 days interval. In banana, to control Sigatoka disease spray Pseudomonas 20g/litre.

Andhra Pradesh

- In Northern Telangana Zone, to control Hispa in rice, spray Quinalphos or Profenophos @ 2 ml per liter of water. To control Stem borer in rice, apply Cartap Hydrochloride 4g @ 8kg per acre. or apply Carbofuran 3 G granules @ 10 kg/acre.