

Advisory for DD Kisan dated 07.09.18
(Agromet Advisories mentioned in the inputs are prepared by different Agromet Field Units in the country)

Significant Weather Features

- The depression over northwest Odisha & neighborhood, moved northwestwards and lay centered at 0830 hrs IST of today, the 07th September, 2018 over north Chhattisgarh & neighbourhood near Lat. 22.9°N and Long. 83.3°E, about 30 km south of Ambikapur (Chhattisgarh) and 140 km east of Pendra Road (Chhattisgarh). It is very likely to move west-northwestwards and further weaken into a well marked low pressure area during next 12 hours.
- Under the influence of above system, widespread rainfall with isolated heavy to very heavy falls are likely over Madhya Pradesh & Chhattisgarh during next 24 hours. Its likely west-northwestward movement could cause an increase in rainfall activity over Rajasthan during next 48 hours with probable heavy to very heavy rains at isolated places over East Rajasthan on 08th September.
- Northeastern States and Sub-Himalayan West Bengal & Sikkim are likely to experience a sustained increase in rainfall activity from 8th September with probable extremely heavy falls during 10th-12th September
- Southeastern parts of peninsular India, especially north Tamilnadu and adjoining areas of Karnataka & Rayalaseema might experience an increase in rainfall on 10th & 11th September. Elsewhere over the south peninsula and adjoining central India, the rainfall activity is likely to remain subdued during next 5 days.
- Heavy to very heavy rain observed at isolated places over Odisha & Chhattisgarh and heavy rain at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub-Himalayan West Bengal, Jharkhand, Punjab, East Rajasthan and East Madhya Pradesh from 0830 hours IST of yesterday to 0830 hrs IST of today.

Realised Rainfall

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

- Rain/thundershowers observed at most places over Bihar, West Bengal & Sikkim, East Madhya Pradesh, Chhattisgarh, Jharkhand, Odisha Konkan & Goa and Coastal Karnataka; at many places over Jammu & Kashmir, Himachal Pradesh, Uttarakhand, East Rajasthan and West Madhya Pradesh; at a few places over Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Arunachal Pradesh, and Vidarbha; at isolated places over Coastal Andhra Pradesh, Madhya Maharashtra, South Interior Karnataka, Kerala and Lakshadweep.

5 Day Rainfall Forecast (Mid-day) 7th September 2018

Met-Sub-Division	07-Sep Today	08Sep Sat	09Sep Sun	10Sep Mon	11Sep Tue
1. Andaman & Nicobar Islands	ISOL	SCT	FWS	SCT	SCT
2. Arunachal Pradesh	FWS	WS	WS	WS	WS
3. Assam & Meghalaya	FWS	WS	WS	WS	WS
4. N. M. M. & T.	FWS	WS	WS	WS	WS
5. S.H. West Bengal & Sikkim	FWS	FWS	WS	WS	WS
6. Gangetic West Bengal	FWS	SCT	SCT	FWS	FWS
7. Odisha	FWS	SCT	FWS	SCT	SCT
8. Jharkhand	FWS	SCT	SCT	FWS	FWS
9. Bihar	FWS	FWS	FWS	WS	WS
10. East Uttar Pradesh	SCT	SCT	SCT	FWS	FWS
11. West Uttar Pradesh	FWS	FWS	SCT	SCT	SCT
12. Uttarakhand	FWS	FWS	WS	WS	WS
13. Haryana, Chd & Delhi	FWS	FWS	SCT	ISOL	ISOL
14. Punjab	SCT	SCT	ISOL	ISOL	ISOL
15. Himachal Pradesh	FWS	SCT	SCT	FWS	FWS
16. Jammu & Kashmir	SCT	ISOL	ISOL	ISOL	ISOL
17. West Rajasthan	SCT	SCT	ISOL	DRY	DRY
18. East Rajasthan	FWS	WS	FWS	SCT	ISOL
19. West Madhya Pradesh	WS	FWS	SCT	SCT	ISOL
20. East Madhya Pradesh	WS	FWS	SCT	SCT	ISOL
21. Gujarat Region	ISOL	SCT	SCT	ISOL	ISOL
22. Saurashtra & Kutch	ISOL	ISOL	ISOL	ISOL	ISOL
23. Konkan & Goa	WS	WS	FWS	SCT	SCT
24. Madhya Maharashtra	ISOL	ISOL	ISOL	ISOL	ISOL
25. Marathawada	ISOL	ISOL	ISOL	ISOL	ISOL
26. Vidharbha	FWS	SCT	ISOL	ISOL	ISOL
27. Chhattisgarh	WS	SCT	SCT	ISOL	ISOL
28. Coastal Andhra Pradesh	ISOL	ISOL	ISOL	ISOL	ISOL
29. Telangana	SCT	ISOL	ISOL	ISOL	ISOL
30. Rayalaseema	ISOL	ISOL	ISOL	SCT	SCT
31. Tamilnadu & Puducherry	ISOL	ISOL	SCT	FWS	FWS
32. Coastal Karnataka	FWS	SCT	SCT	SCT	SCT
33. North Interior Karnataka	ISOL	ISOL	ISOL	SCT	ISOL
34. South Interior Karnataka	SCT	SCT	ISOL	SCT	SCT
35. Kerala	ISOL	ISOL	ISOL	ISOL	ISOL
36. Lakshadweep	ISOL	SCT	SCT	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

- **07 September (Day 1):** Heavy to very heavy rain at isolated places very likely over Madhya Pradesh and Chhattisgarh and heavy rain at isolated places over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Odisha, West Uttar Pradesh, Haryana, Chandigarh & Delhi, Punjab, East Rajasthan, Konkan & Goa and Vidharbha.
- **08 September (Day 2):** Heavy to very heavy rain at isolated places very likely over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura and East Rajasthan and heavy rain at isolated places over Assam & Meghalaya, West Uttar Pradesh, Uttarakhand and West Madhya Pradesh.
- **09 September (Day 3):** Heavy to very heavy rain at isolated places likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura and heavy rain at isolated places over Sub-Himalayan West Bengal & Sikkim, Uttarakhand and East Rajasthan.
- **10 September (Day 4):** Heavy to very heavy rain with extremely heavy falls at isolated places likely over Arunachal Pradesh and Assam & Meghalaya; heavy to very heavy rain at isolated places

over Nagaland, Manipur, Mizoram & Tripura and Sub-Himalayan West Bengal & Sikkim and heavy rain at isolated places over Uttarakhand, East Uttar Pradesh and Tamilnadu.

- **11 September (Day 5):** Heavy to very heavy rain with extremely heavy falls at isolated places likely over Arunachal Pradesh and Assam & Meghalaya; heavy to very heavy rain at isolated places over Sub-Himalayan West Bengal & Sikkim and heavy rain at isolated places over Uttarakhand, East Uttar Pradesh, Bihar, South Interior Karnataka, Tamilnadu and Nagaland, Manipur, Mizoram & Tripura.

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

State-wise Advisories

Kerala

- In Kuttanad region, drain out water from flood affected fields (padashekharam) using the high capacity vertical turbine pump at the earliest. Drain out water from coconut and vegetable fields.
- For controlling the blast disease in rice especially neck blast, apply Carbendazim 1gm or Iprophenphos 1ml/litre of water.

Andhra Pradesh

- In Rayalaseema, undertake sowing of contingency crops like kora, bajra and horse gram instead of rain-fed groundnut under sufficient soil moisture conditions. To control Helicoverpa in groundnut, spray Carbendizem @ 1 g (or) Mancogeb @ 2 g per litre of water.

Karnataka

- In South Interior Karnataka, complete sowing of short duration crops like cowpea (vegetable purpose), field bean, horse gram, Foxtail millet, Little millet, Kodo millet and ragi crops.
- In North Interior Karnataka, complete the harvesting of green gram. In medium black to deep black soils, undertake sowing of sunflower and rabi sorghum crops.

Manipur

- Maintain 5 cm water level in paddy field. Provide drainage in black gram, rice bean, soybean and groundnut crops. To control Tikka disease in groundnut spray Carbendazim @ 0.5g / litre of water

Tripura

- Undertake land preparation for sowing of black gram and green gram after current spells of heavy rain. Avoid stagnation of water in groundnut field.

Odisha

- Undertake sowing of sesame (varieties: HYV like Prachi, Kalika, Kanak, Vinayak etc. Use 1 to 1.2 kg seeds /acre.)

- Ensure good drainage in the banana plantation. In the prevailing weather, there is chance of Sigatoka disease in banana. As a precaution, Spray Pseudomonas 20g/litre of water. In case of severe attack, spray 1 g Carbendazim by mixing it with gum in 1 liter of water on lower surface of the leaf.

Bihar

- In the upland areas in North Bihar, continue land preparation for sowing of September Pigeon pea (Pusa-9 and Sarad varieties).

Jharkhand

- Utilising the realised and expected rainfall, continue sowing of Niger in fallow uplands with improved variety of Niger are Birsa niger-1, Birsa niger-2, Birsa niger-3, Pooja-1. Undertake nursery raising of tomato, brinjal, cabbage and cauliflower.
- To control stem borer attack in rice, spray Monocrotophos 36 E.C. @ 1-2 ml per litre of water and mix Tipol in the solution or prepare the solution in soap water. In case of heavy infestation of the insect, apply granular insecticide like Carbofuran 3 G @ 12 kg per acre) or Forate 10 G (@ 4 kg per acre) after current spells of rain.

West Bengal

- In the Sub-Himalayan West Bengal, provide proper drainage facility in large cardamom, soybean, ginger and turmeric fields. Complete the retting of jute and extract the fibre from jute.
- In Gangetic West Bengal, undertake sowing of sweet corn and baby corn on a raised bed. Maintain 2-3 inch water level in the *Aman* paddy field.

Gujarat

- In South Gujarat, complete sowing of pigeon pea, green gram and black gram crops, where crop was damaged due to water logging condition. Continue sowing of cucumber.
- In Saurashtra & Kutch, apply irrigation in groundnut (pegging stage) and vegetable crops. Undertake picking of ripen pods of cow pea and green gram in time.

Madhya Pradesh

- In Madhya Pradesh, provide proper channels for drainage of excess rain water in the crop fields.
- In Central Narmada Valley Zone, for control of attack of girdle beetle in soybean, spray Thiacloprid (21.7% w/w) @ 650 ml/ha or Traizophos 40 E.C. @ 1000 ml/ha after current spells of rain.
- In Satpura Plateau Zone, to control sucking pest in cotton, spray Thaymethoxzon @ 0.25 g/litre of water or Imidacloprid @ 0.5 ml/litre of water after current spells of rain.

Jammu & Kashmir

- Maintain water level of 3-5cm in order to avoid stress in rice at flowering stage. Apply irrigation in maize and pulses. Continue nursery raising/transplanting of cole crops and sowing carrot and radish.

Punjab, Haryana & Delhi

- In Haryana, maintain 5-6 cm standing water upto maximum tillering stage in rice fields.
- In Delhi, continue preparation of nurseries of cauliflower for mid season (Nov.-Dec.) and sowing of carrot on raised bed.
- In Punjab, for control of sheath blight disease in rice, spray Amistar Top 325 SC @ 200ml/acre dissolved in 200 litres of water on a non rainy day.

Uttar Pradesh

- In East Uttar Pradesh, undertake sowing of toria. Continue nursery sowing of cauliflower, cabbage, chilli and tomato, sowing of spinach, radish, carrot, turnip, beetroot, fenugreek, coriander, okra and cucurbits.
- In West Uttar Pradesh, provide proper drainage in standing crop fields. Continue hoeing & weeding in all crops and vegetables, broadcast second split dose of nitrogen for optimum growth after current spells of rain. Continue preparation of nurseries of cauliflower for mid season (Nov-Dec.). Continue picking up of matured cucurbits in clear weather. In Western Plain Zone, continue sowing of toria.
- In Central Plain Zone, for protection of yellow mosaic disease in soybean, spray Dimethoate 30 EC @ 1 litre/ha after current spells of rain.

Maharashtra

- In Konkan, maintain water level of 5-10 cm in rice field. leaf folder in rice, spray 25 % Quinalphos @ 18 ml or 40% Triazophos @ 13 ml or 5% Lambda cyhalothrin @ 5 ml per 10 liter of water.
- In Madhya Maharashtra, maintain 5-10 cm water level in rice fields. Undertake land preparation for rabi jowar and safflower. Undertake protective light irrigation in *kharif* crops if soil moisture stress observed. To control Bacterial Leaf Blight (BLB) in rice, spray Carbon Oxy-chloride @ 30 g + Streptocycline @ 3 g per 10 litres of water with sticker.
- In Marathwada, Complete harvesting of matured black gram and green gram and keep harvested produce in safer place. To control leaf eating caterpillar in soybean, spray Thiamethoxam 12.6 % + Lamda –cyhalothrin 9.3% @ 50 ml or Chlorantraniliprole 18.5 % @ 60 ml per acre.
- In West Vidarbha, continue harvesting of matured green gram and black gram and keep the harvested produce in safer place. To control boll rot in cotton, undertake foliar spray with Streptocycline @ 2.5g + Copper Oxy-chloride @ 25 g per 10 litres of water after current spell of rains. In East Vidarbha, maintain 3-5 cm water level in rice fields.