

Advisory for DD Kisan dated 25.09.18

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

Significant Weather Features

- The intense precipitation activity over western Himalayan region and adjoining northwest India is most likely to decrease significantly from today. However, it is essential to remain cautious over the hilly terrains of Uttarakhand and Himachal Pradesh, due to the accumulated effect of past few days' heavy rains.
- Northeastern States and south peninsular India are very likely to experience fairly widespread to widespread rainfall activity with heavy to very heavy rain at isolated places over Arunachal Pradesh and Assam & Meghalaya and heavy falls at isolated places over Karnataka, Kerala and Tamilnadu during next 3-4 days.
- Dry weather is likely to prevail over west Rajasthan from today. Reduction in the moisture associated with the monsoon flow and a change over in the low level wind pattern are also likely over this region from 27th September. These are indicative of likely commencement of withdrawal of southwest monsoon from western parts of Rajasthan around 29th September 2018.
- Heavy to very heavy rain occurred at isolated places over Himachal Pradesh, Sub- Himalayan West Bengal & Sikkim and Kerala and heavy rain at isolated places over West Uttar Pradesh, Punjab, Haryana, Chandigarh & Delhi, South Interior Karnataka and Tamilnadu from 0830 hrs 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 hours IST of yesterday to 0830 hours IST of today): Rain/thundershowers observed at most places over Sub-Himalayan West Bengal & Sikkim, Himachal Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, West Uttar Pradesh, Andaman & Nicobar Islands and Assam & Meghalaya; at many places over Punjab ,Kerala and Arunachal Pradesh; at a few places over Lakshadweep, Nagaland, Manipur, Mizoram & Tripura, East Rajasthan and at isolated places over Bihar, Gangetic West Bengal, Odisha, West Madhya Pradesh, Vidarbha, Marathawada, Telangana, South Interior Karnataka, Coastal Andhra Pradesh and Tamilnadu & Puducherry.

5 Day Rainfall Forecast (Mid-day) 25th September 2018

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

% Station Reporting Rainfall

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

Weather Warning

- 25 September (Day 1):** Heavy to very heavy rain at isolated places very likely over Assam & Meghalaya and heavy rain at isolated places very likely over Arunachal Pradesh, Sub-Himalayan West Bengal & Sikkim, Tamilnadu, Kerala and South Interior Karnataka.
 Thunderstorm accompanied with lightning very likely at isolated places over Telangana, Rayalaseema, Tamilnadu & Puducherry, South Interior Karnataka, Kerala, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- 26 September (Day 2):** Heavy to very heavy rain at isolated places very likely over Arunachal Pradesh and Assam & Meghalaya and heavy rain at isolated places very likely over Tamilnadu, Kerala, Rayalaseema and South Interior Karnataka.

Thunderstorm accompanied with lightning very likely at isolated places over Telangana, Interior Karnataka, Rayalaseema, Tamilnadu & Puducherry, Kerala, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.

- **27 September (Day 3):** Heavy to very heavy rain at isolated places very likely over Tamilnadu and heavy rain at isolated places very likely over Arunachal Pradesh, Assam & Meghalaya, Kerala, Coastal Karnataka, South Interior Karnataka and Telangana.

Thunderstorm accompanied with lightning very likely at isolated places over North Interior Karnataka, south Madhya Maharashtra, Marathwada and south Konkan.

- **28 September (Day 4):** Heavy rain at isolated places likely over Tamilnadu & Puducherry, Kerala and South Interior Karnataka.

Thunderstorm accompanied with lightning likely at isolated places over south Madhya Maharashtra, Marathwada and south Konkan.

- **29 September (Day 5):** Heavy rain at isolated places likely over Tamilnadu & Puducherry.

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

State-wise Advisories

Jammu & Kashmir

- In Sub Tropical Zone, drain out excess rain water from fields. Undertake harvesting of the early maturing varieties of rice and early sown maize crop. Undertake Sowing of toria (RSPT-1, RSPT-2, RSPR-3) intercropped with gobi sarson (GSS-1) is recommended at vattar condition.

Punjab & Delhi

- In Punjab, continue picking up of matured cotton bolls in early morning hours.
- In Delhi, undertake sowing of mustard (Pusa Tarak, Pusa Mahak).

Rajasthan

- In Semi Arid Eastern Plain Zone, undertake field preparation for the sowing of rainfed Taramira and Mustard.
- In Arid Western Plain Zone, in groundnut crop, apply irrigation as and when required. Apply life saving irrigation (if possible) to *kharif* crops (pearl millet, cluster bean, moth bean etc) showing wilting symptoms. Undertake harvesting of timely sown pearl millet, moong bean, moth bean etc and keep the produce under shelter to protect the produce.
- Prepare for the sowing of radish, carrot crop by the end of this month.

Karnataka

- In North Dry Zone of Karnataka, undertake sowing of Sunflower, Sorghum, Chickpea, Safflower, Sorghum + Chickpea (2:1), Safflower + Chickpea(2:4). In groundnut, to control leaf miner attack spray Carbaryl 50WP 0.2% Spray or Dimethoate 30 EC (2 ml/lit).

Assam and Nagaland

- In Assam, in Sali rice to control blast disease, spray Carbendazim or Thiophenate methyl @ 1g/lit of water and to control brown spot disease, spray Mancozeb @ 2.5 g/litre or Ediphenphos @ 1 ml/litre or Carbendazim @ 1g/litre.
- In Nagaland, undertake land preparation for sowing of rabi maize and Toria (Variety: M-27, TS-36 and TS-38).

Odisha

- In Western Undulating Zone of Odisha, maintain water level upto 5cm in rice field. In rice, to control leaf folder infestation, spray Profenophos 400ml @ 2ml/lit water or Trizophos + Deltamethrin 400ml @ 2ml/lit of water. To control Stem borer spray Flubendiamide 50ml/acre @ 0.25ml/lit water or Chlorantraniliprole 80ml/acre @ 0.4ml/lit of water or Cartrap hydrochloride 400g @ 2g/lit water during afternoon hours.

Jharkhand

- Undertake sowing of toria (varieties: T.-9, B.R.-23 and P.T.-303. Continue harvesting of matured green gram/black gram in clear weather and keep harvested produce at safe places.

West Bengal

- In Coastal Saline Zone to control, Leaf roller in Aman rice, spray Chlorpyrifos@2ml/liter of water or Endosulfun@1.5ml/liter of water with sticker, Keep the water level up to 2-3 inch only.

Maharashtra

- In Konkan, maintain water level of 5-10 cm in rice field.
- In Madhya Maharashtra, in rice fields, maintain water level 5 to 10 cm. Undertake preparatory tillage operations for rabi jowar and safflower. Undertake sowing of rabi sorghum and chickpea. To control leaf spot and rust in groundnut, spray Mancozeb @ 25 g + Carbendazim @ 10 g per 10 litres of water.
- In Marathwada, Apply protective irrigation in *kharif* crops like cotton and pigeon pea, To control sucking pest in cotton, spray Buprofezin 25 % @ 400 ml or Clothianidin 50 % @ 20 g or Pyriproxyfen 5 % + Fenpropathrin 15 % @ 200 ml per acre. Undertake preparatory tillage operations for rabi sorghum and groundnut.
- In West Vidarbha, drain out excess water from standing crop and vegetable fields, orchards, undertake harvesting of short duration matured soybean (JS 95-60, JS 20-34, JS 93-05). Keep the already harvested produce in safer place. Undertake sowing of safflower (varieties : Bhima, AKS-207, PKV-Pink). In East Vidarbha, maintain water level 5 to 7 cm in rice fields, undertake harvesting of matured soybean.

Gujarat

- In North Gujarat zone, in groundnut crop, to control aphid, spray Imidacloprid 17.8 % @5 ml or Thiomethoxam @3 gram or Dimethoate@ 10 ml in 10 liters of water. Undertake harvesting of matured bajra and maize crop.
- In North Saurashtra zone, in cotton, to control Jassids & white fly infestation spray Acetamiprid 20 % SP@ 5.0 gm . For the monitoring of pink bollworm infestation in cotton crop install pheromone traps 6-8/ha. Apply irrigation through drip system. Under unirrigated condition farmers are advised to spray kaolin @ 4% (400gm/10 liter water) during dry spell. In Sesame, to prevent Powdery mildew disease spray Hexaconazole 15 ml/10 lit. of water.