

Advisory for DD Kisan dated 28.09.18

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

Significant Weather Features

- Reduction in moisture associated with the monsoon flow and a change over in the lower tropospheric wind pattern into 'anti-cyclonic' are taking place over Rajasthan and adjoining northwest India. These are indicative of the likely commencement of withdrawal of southwest monsoon from western parts of Rajasthan during next 48 hours.
- South peninsular India is very likely to experience fairly widespread to widespread rainfall activity with heavy rainfall at isolated places over Karnataka, Kerala and Tamilnadu during next 2-3 days.
- Rough to very rough Sea conditions due to high energy swell waves are likely to be experienced over the coastal waters along west coast, south Tamilnadu, Lakshadweep, Andaman & Nicobar & West Bengal during 28-30, September, 2018. For more details and updates kindly visit <http://www.incois.gov.in/portal/index>.
- Thunderstorm observed at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, West Bengal & Sikkim, West Rajasthan, Madhya Maharashtra, Coastal Andhra Pradesh, Konkan & Goa, Chhattisgarh, Karnataka, Rayalaseema, Kerala and Tamilnadu & Puducherry from 1130 hours IST of yesterday to 0830 hours IST of today.
- Very heavy rain occurred at isolated places over Tamilnadu and heavy rain at isolated places over south interior Karnataka 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 hours IST of yesterday to 0830 hours IST of today): Rain/thundershowers observed at most places over Coastal Karnataka & Andaman & Nicobar Islands; at many places over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, South Interior Karnataka, Kerala and Tamilnadu & Puducherry; at a few places over Assam & Meghalaya, West Bengal & Sikkim, Madhya Maharashtra, Konkan & Goa, Telangana, Rayalaseema and North Interior Karnataka; at isolated places over Jammu & Kashmir, Himachal Pradesh, West Rajasthan and Coastal Andhra Pradesh.

5 Day Rainfall Forecast (Mid-day) 28th September 2018

Met-Sub-Division	28-Sep Today	29Sep Sat	30Sep Sun	01Oct Mon	02Oct Tue
1. Andaman & Nicobar Islands	SCT	FWS	FWS	SCT	SCT
2. Arunachal Pradesh	FWS	FWS	FWS	FWS	SCT
3. Assam & Meghalaya	SCT	SCT	SCT	FWS	SCT
4. N. M. M. & T.	SCT	SCT	ISOL	SCT	SCT
5. S.H. West Bengal & Sikkim	FWS	SCT	SCT	SCT	SCT
6. Gangetic West Bengal	SCT	ISOL	ISOL	DRY	DRY
7. Odisha	SCT	ISOL	ISOL	ISOL	ISOL
8. Jharkhand	ISOL	ISOL	DRY	DRY	DRY
9. Bihar	ISOL	DRY	DRY	DRY	DRY
10. East Uttar Pradesh	DRY	DRY	DRY	DRY	DRY
11. West Uttar Pradesh	DRY	DRY	DRY	DRY	DRY
12. Uttarakhand	ISOL	DRY	DRY	DRY	DRY
13. Haryana, Chd & Delhi	DRY	DRY	DRY	DRY	DRY
14. Punjab	DRY	DRY	DRY	DRY	DRY
15. Himachal Pradesh	ISOL	DRY	DRY	DRY	DRY
16. Jammu & Kashmir	ISOL	ISOL	ISOL	ISOL	ISOL
17. West Rajasthan	DRY	DRY	DRY	DRY	DRY
18. East Rajasthan	DRY	DRY	DRY	DRY	DRY
19. West Madhya Pradesh	DRY	DRY	DRY	DRY	DRY
20. East Madhya Pradesh	DRY	DRY	DRY	DRY	DRY
21. Gujarat Region	DRY	DRY	ISOL	ISOL	DRY
22. Saurashtra & Kutch	DRY	DRY	DRY	DRY	DRY
23. Konkan & Goa	SCT	SCT	SCT	ISOL	ISOL
24. Madhya Maharashtra	SCT	ISOL	ISOL	ISOL	ISOL
25. Marathawada	ISOL	ISOL	DRY	DRY	DRY
26. Vidharbha	ISOL	ISOL	DRY	DRY	DRY
27. Chhattisgarh	ISOL	ISOL	ISOL	ISOL	ISOL
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	FWS	SCT	SCT	ISOL	SCT
32. Coastal Karnataka	WS	FWS	FWS	SCT	SCT
33. North Interior Karnataka	SCT	SCT	ISOL	ISOL	SCT
34. South Interior Karnataka	FWS	FWS	FWS	SCT	SCT
35. Kerala	FWS	FWS	FWS	SCT	SCT
36. Lakshadweep	SCT	FWS	FWS	SCT	ISOL

% Station Reporting Rainfall

% Stations	Category	% Stations	Category
76-100	Widespread (WS/Many Places)	26-50	Scattered (SCT/A Few Places)
51-75	Fairly Widespread (FWS/Many Places)	1-25	Isolated (ISOL)
No Rain	Dry		

Weather Warning

- 28 September (Day 1):** Heavy rain at isolated places very likely over Sub-Himalayan West Bengal & Sikkim, Tamilnadu, Kerala and South interior Karnataka.
Thunderstorm accompanied with lightning very likely at isolated places over Jharkhand, Odisha, West Bengal & Sikkim, Assam & Meghalaya, Madhya Maharashtra, Konkan & Goa, Tamilnadu, Interior Karnataka, Coastal Andhra Pradesh, Vidarbha and south Chhattisgarh.
Rough to very rough Sea conditions are likely to prevail over Andaman & Nicobar Islands-South Tamilnadu-Kerala-Lakshadweep- Karnataka-Maharashtra-Gujarat coasts.
- 29 September (Day 2):** Heavy rain at isolated places very likely over Lakshadweep, Tamilnadu, Kerala and South interior Karnataka
Thunderstorm accompanied with lightning very likely at isolated places over Madhya Maharashtra, Tamilnadu and South Interior Karnataka.
Rough to very rough Sea conditions are likely to prevail over Andaman & Nicobar Islands-South Tamilnadu-Kerala-Lakshadweep- Karnataka-Maharashtra-Gujarat coasts.

- **30 September (Day 3):** Heavy rain at isolated places very likely over Tamilnadu and Kerala. Thunderstorm accompanied with lightning very likely at isolated places over Tamilnadu. Rough to very rough Sea conditions are likely to prevail over Andaman & Nicobar Islands-South Tamilnadu-Kerala-Lakshadweep-Maharashtra-West Bengal coasts.
- **01 October (Day 4):** No weather warning.
- **02 October (Day 5):** Heavy rain at isolated places likely over Tamilnadu.

Advisory for Fishermen

- Rough to very rough sea conditions are likely to prevail over Andaman & Nicobar islands, Maharashtra coast, South Tamilnadu and Kerala coasts from 28th to 30th, over Karnataka and Gujarat coasts on 28th and 29th September. Fishermen and local population are advised to be cautious while venturing into the sea in these areas.

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

State-wise Advisories

Jammu& Kashmir

- Undertake harvesting of early maturing varieties of rice and maize. Continue sowing of toria,
- In Valley Temperate Zone, continue harvesting of matured rice crop, green cobs of maize, pulses and matured sunflower, after current spells of rain.

Himachal Pradesh

- Drain out excess water from the crop fields of maize, pulses and vegetable fields. Undertake harvesting of matured rice, maize and pulses.

Assam, Meghalaya and Arunachal Pradesh

- As rain/thundershowers likely at many places over Arunachal Pradesh from 28th September to 1st October, over Assam & Meghalaya on 28th September, avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops.
- 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 clear weather.

Rajasthan

- In Semi Arid Eastern Plain Zone, continue field preparation for the sowing of rainfed Taramira and Mustard.

Bihar

- Undertake harvest matured khaif maize. Complete sowing of September sown Arhar (Varieties- Pusa -9,Sharad etc.)

- The weather conditions are highly favourable for infection of bacterial blight disease and blast disease in rice. For control of bacterial blight, apply Streptocycline 50 g + Copper oxychloride 2.5 kg/ha dissolved in 1000 litres of water and spray at 12 days interval and for control of blast disease, spray Bavistin 2 g/litre of water at an interval.

Jharkhand

- As thunderstorm accompanied with lightning very likely at isolated over Jharkhand, on 28th September, provide support to young fruit plants, staking in vegetables and undertake propping in sugarcane to prevent the crops to prevent the crops from lodging due to strong winds. Keep harvested produce at safe places. Keep cattle indoor during thunderstorm period
- In upland, undertake harvesting of timely sown crops like mung, urd, maize, groundnut, etc. during clear weather condition and store them at a safer place.
- Continue sowing of Niger in fallow uplands (variety of Niger are Birsa niger-1, Birsa niger-2, Birsa niger-3, Pooja-1).

West Bengal

- As rain/thundershowers over Sub-Himalayan West Bengal & Sikkim on 28th September along with isolated heavy rain, avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops. In the Sub-Himalayan West Bengal, provide proper drainage facility in soybean.
- In Gangetic West Bengal, keep 2-3 inch water level in the Aman paddy field. Drain out excess water from vegetable fields through irrigation channels immediately to avoid rotting.
- In Sub-Himalayan West Bengal, to control brown spot of rice, spray Hexaconazole @ 1ml/litre of water.

Maharashtra

- In view of thunderstorm accompanied with lightning very likely at isolated places over Madhya Maharashtra during next 48 hours; Konkan and Vidarbha during next 24 hours provide mechanical support to newly planted orchards and staking in vegetables, propping up of sugarcane to avoid lodging due to strong winds.
- In Konkan, maintain water level of 5-10 cm in rice field. Undertake harvesting of early rice varieties after current spell of rain. Provide protective irrigation to Mid-late and Late rice varieties.
- In Madhya Maharashtra, undertake preparatory tillage operations for rabi sorghum, gram and safflower. in rice fields, maintain water level 5 to 10 cm. Undertake sowing of rabi sorghum and chickpea.
- In Marathwada, apply protective irrigation to groundnut, vegetables and orchards (in Parbhani, Aurangabad, Jalna, Hingoli, Beed, Osmanabad, Latur, Nanded, districts). Avoid sowing of wheat during this week. Undertake land preparation for rabi chickpea and safflower. Undertake harvesting of kharif soybean, sorghum and pearl millet. Keep the harvested produce in safer place.
- In West Vidarbha, continue harvesting of short duration matured soybean. Keep the harvested produce in safer place. Continue sowing of safflower (varities : Bhima, AKS-207, PKV-Pink). Continue preparatory tillage in harvested fields for sowing of early rainfed rabi crops.
- In East Vidarbha, maintain water level 5 to 10 cm in rice fields, undertake harvesting of matured soybean.

Gujarat

- In South Gujarat, apply irrigation in pulses as per requirement.
- In North Gujarat, continue harvesting of bajra, maize and picking of cow pea and green gram. Apply irrigation in groundnut, brinjal, tomato and gourds as per need.
- In Saurashtra & Kutch, undertake harvesting of sesame, bajra, black gram and maize in time. Continue picking of ripen pods of cow pea and green gram. Apply irrigation to cotton, castor and vegetable crops through drip irrigation system.

Chhattisgarh

- As thunderstorm accompanied with lightning very likely at isolated places over south Chhattisgarh on 28th September, provide support to young fruit plants and staking in vegetables to prevent the crops from lodging due to strong winds and keep cattle indoor. Keep harvested produce at safe place.

Karnataka

- As rain/thundershowers likely at most/many places over Coastal Karnataka from 28th to 30th, at many places over South Interior Karnataka from 28th to 30th, and over South interior Karnataka on 28th and 29th September, avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops.
- As thunderstorm accompanied with lightning very likely at isolated places over Interior Karnataka on 28th, over South Interior Karnataka on 29th September, provide support to young fruit plants and staking in vegetables and undertake propping in sugarcane to prevent the crops from lodging due to strong winds. Keep harvested produce at safe places. Keep the cattle indoor during thunderstorm period
- In South Interior Karnataka, undertake land preparation for sowing of *rabi* crops. In rice field maintain 2.5 to 5 cm water level to reduce the weed infestation.
- In North Interior Karnataka, undertake sowing of Bengal gram (JG ICCV-10). Apply irrigation in sugarcane once in 10 days.

Kerala

- As rain/thundershowers likely at Kerala from 28th to 30th, along with heavy rain at isolated places, avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops.

Andhra Pradesh

- In Coastal Andhra Pradesh, drain out excess water from the sugarcane field and provide propping to the crop. Undertake land preparation and seed procurement for sowing of Rabi pulses.
- In Rayalaseema, undertake sowing of Rabi red gram (varieties like LRG 52, ICPL 85063, ICP 8863, PRG 176) in left over fields in the district under assured irrigation. Take up sowing after receiving sufficient rainfall.