

Advisory for DD Kisan dated 09.11.18
(Agromet Advisories mentioned in the inputs are prepared
by different Agromet Field Units in the country)

Significant Weather Features

- The low pressure area over Andaman sea & adjoining Malay Peninsula now lies over central parts of Andaman Sea & neighbourhood and the associated cyclonic circulation extends upto mid-tropospheric levels. It is very likely to become more marked during next 24 hours. It is very likely to move west-northwestwards, concentrate into a depression during subsequent 24 hours and into a cyclonic storm thereafter. Squally winds and rough to very rough Sea conditions are very likely to prevail over and around Andaman & Nicobar islands, Andaman Sea, parts of east central Bay of Bengal and adjoining areas of west central and southeast Bay of Bengal during 9th - 13th November 2018. Fishermen are advised not to venture into these areas during the said period. Heavy to very heavy rainfall are also likely over parts of Andaman & Nicobar Islands during next 72 hours.
- The ongoing below normal night temperatures are likely to continue over parts of central India during next 2 days. Minimum temperatures are very likely to rise gradually by 2-3°C over northwest India during next 3 days.

Realised Rainfall

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

- Rain/thundershowers observed at many places over Andaman and Nikobar Islands, a few places over coastal TamilNadu and at isolated places over interior Tamil Nadu, Odisha, Coastal Karnataka and Kerala.

5 Day Rainfall Forecast (Mid-day) 9th November 2018

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

- **09 November (Day 1):** Heavy to very heavy rain very likely at isolated places over Andaman & Nicobar Islands and heavy rain very likely at isolated places over south Tamilnadu. Squally wind speed reaching 30-40 kmph gusting to 50 kmph very likely over and around Andaman & Nicobar Islands and over Andaman Sea. Sea condition is very likely to be rough to very rough over the same area. Fishermen are advised not to venture into the sea.
- **10 November (Day 2):** Heavy to very heavy rain likely at isolated places over Andaman & Nicobar Islands. Squally wind speed reaching 40-50 kmph gusting to 60 kmph very likely over and around Andaman & Nicobar Islands, over Andaman Sea and Southeast & adjoining Eastcentral Bay of Bengal. Sea condition is likely to be rough to very rough over the same area. Fishermen are advised not to venture into these areas.
- **11 November (Day 3):** Heavy rain likely at isolated places over Andaman Islands. Squally wind speed reaching 50-60 kmph gusting to 70 kmph very likely over north Andaman Sea, Andaman Islands, and Southeast & adjoining Eastcentral Bay of Bengal. Sea condition is likely to be rough to very rough over the same area. Fishermen are advised not to venture into these areas.
- **12 November (Day 4):** Gale wind speed reaching 60-70 kmph gusting to 80 kmph very likely over eastcentral Bay of Bengal and adjoining south & westcentral Bay of Bengal. Sea condition is likely to be very rough to high over the same area. Fishermen are advised not to venture into these areas.
- **13 November (Day 5):** Heavy rain/snow likely at isolated places over Jammu and Kashmir. Gale wind speed reaching 65-75 kmph gusting to 85 kmph very likely over central and adjoining south Bay of Bengal. Sea condition is likely to be very rough to high over the same area. Fishermen are advised not to venture into these areas.

Salient advisories

- Squally wind speed reaching 30-40 kmph gusting to 50 kmph very likely over and around **Andaman & Nicobar Islands** and over **Andaman Sea** on 9th, squally wind speed reaching 40-50 kmph gusting to 60 kmph very likely over and around Andaman & Nicobar Islands, over Andaman Sea and Southeast & adjoining Eastcentral Bay of Bengal on 10th and 50-60 kmph gusting to 70 kmph on 11th. Gale wind speed reaching 60-70 kmph gusting to 80 kmph very likely over eastcentral Bay of Bengal and adjoining south & westcentral Bay of Bengal on 12th and gale wind speed reaching 65-75 kmph gusting to 85 kmph on 13th November. Sea condition is very likely to be rough to very rough over the same area. Fishermen are advised not to venture into the sea.
- As rain/thundershowers likely at most/many places over **Andaman & Nicobar Islands** from 9th to 12th, along with heavy to very heavy rain/heavy rain very likely at isolated places over Andaman & Nicobar Islands from 9th to 11th November, avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops.
- In the **Andaman & Nicobar** Islands, keep open the bunds in rice fields to drain out excess rain water. Keep all the harvested produce in safe places as moderate to heavy rainfall is expected during

next three days. Provide adequate drainage channel in vegetable fields as well as in nursery to avoid water logging.

- As rain/snow likely at many places over **Jammu & Kashmir** on 12th and 13th, over **Himachal Pradesh** on 13th, along with heavy rain/snow likely at isolated places over Jammu and Kashmir on 13th November, avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops. Keep harvested produce at safe places.
- In Valley Temperate Zone of Jammu & Kashmir, farmers are advised to arrange drainage in the fields wherever there is possibility of water accumulation, also withhold all the field operations till the soil dries and the field becomes workable.
- In view of untimely snowfall in the valley, orchard growers in the valley are advised to undertake the following measures:
 - Drain out excess water from the orchards by making drainage channels.
 - If the fruit trees have tilted, reduce the canopy load by pruning and provide proper support to the plants.
 - If the trees are partially uprooted, slowly pull back the trees to the original position after heavy pruning and provide proper support/staking to the main trunk to prevent further fall/movement.

State-wise Advisories

Assam

- Continue sowing of rapeseed and mustard and lentil. Continue land preparation and sowing of wheat in Central Brahmaputra Valley Zone of Assam.
- If there is attack of *Hispa* in Sali rice, spray Chloropyrifos 20 EC and for leaf folder attack, spray Quinalphos 25 EC @ 2.5-3 ml per litre of water. For pod borer attack in red gram and green gram, spray Quinalphos @ 2.5 ml/litre of water followed by Dimethoate @ 2ml/litre of water at 10 days interval.
- Due to favourable weather, incidence and spread of Gundhi bug is observed in Sali rice at milking stage. In present weather condition in maize crop, apply Carbofuran 3% G or Phorate 10 % G @ 8 kg/acre against stem borer if insect population is above ETL.

Meghalaya:

- Maintain 5 cm of standing water in rice fields. Keep the field free of weeds. Carry out weeding in ginger and turmeric fields.
- Spray Hexaconazole @ 1ml/litre of water at 15 days interval for control of sheath blight and sheath rot in Sali paddy.

Punjab, Haryana & Delhi

- In Punjab, continue land preparation and sowing of mustard, raya and wheat. Continue harvesting of matured maize, green gram. Continue planting of early varieties of potato and pea. Continue planting of early varieties of sugarcane. Undertake harvesting of matured rice.

- In Haryana, continue field preparation for sowing of mustard. Continue harvesting of timely sown bajra, guar, green gram, black gram and picking up of matured cotton bolls.
- In Delhi, continue harvesting of matured rice. Continue planting of winter sugarcane at optimum soil moisture. Continue sowing of gram and sowing of garlic on raised bed. Continue sowing early mustard, pea and planting of early potato. Continue transplanting of onion.

West Bengal

- In Sub-Himalayan West Bengal, continue harvesting of soybean
- In Gangetic West Bengal, continue harvesting of mature rice crop. After harvesting, dry the crop in the field for 2-3 days and thereafter threshing should be done. After the harvest of rice crop, field should be ploughed with one deep ploughing followed by 2-3 general ploughings and planking to get the well pulverized seedbed for sowing of wheat or potato crops.
- Complete sowing of mustard, gram and pea at the earliest.
- In Sub-Himalayan West Bengal, for control of mealy bug attack in Aman paddy, spray Chlorpyrifos @ 2 ml/litre of water. For collection and destruction of fruit fly in cucurbit crops, place pheromone traps @ 2 per bigha. To control downey mildew of cucurbits, spray Metaloxy + Mancozeb @ 2.5 g/litre of water. For aphids, hoppers, white fly and thrips in chilli crop, apply Imidacloprid 17.8 SL @ 1ml/5 litres or Thiomethoxam 0.3 SG @ 1g/3 litres of water.
- In Gangetic West Bengal, spray Bavistin @ 1.5-2 g/litre of water at clear weather condition for yellowing of leaves in tomato and brinjal crops.

Gujarat:

- In Middle Gujarat, continue harvesting of matured groundnut crop. Undertake picking of matured cotton bolls. Apply irrigation in pigeon pea and cluster bean crop as per need.
- In North Gujarat, continue sowing of gram, mustard, fennel and cabbage crops. Undertake picking of matured cotton bolls.
- In South Gujarat, continue sowing of sweet corn crop.
- In Saurashtra & Kutch, complete sowing of rabi mustard, garlic, chickpea crops. Plan for sowing of wheat and coriander crops. Wherever possible, undertake mulching using dry grass, crop residues etc. to conserve soil moisture. Complete harvesting of matured groundnut, sesame, soybean, bajara, green gram and black gram crops.
- In Saurashtra & Kutch, yellowing of cotton crop observed due to high temperature; irrigate at regular interval as per crops stage need and apply 35 kg/ha Urea and 35 kg/ha Ammonium Sulphate fertilizers.

Chhattisgarh:

- Farmers are advised to harvest the matured rice crop and keep it in the field for proper sun drying only for 1-2 days. For rabi crops, start field operations in fallow fields. The present time is appropriate for taking of utera (relay) crop. The farmers can take the crop of lathyrus or linseed in their fields. Preparation for nursery sowing of tomato, brinjal, chillies and capsicum can be done and seed treatment by Thiram should be done @ 2 g/kg seed.

- In Bastar Plateau Zone, continue harvesting of matured rice. Continue nursery preparation for rabi vegetables. Undertake sowing of linseed, safflower and Lathyrus crops.

Kerala

- In Northern zone, continue nursery sowing for *Mundakan* rice. The weather is suitable for planting of coconut seedlings. Mild ploughing in coconut garden will help to remove weeds and promote decay of organic matter. Fertilizer application may be done for May planted seedlings.
- In Central zone, continue land preparation for transplanting of *Mundakan* rice.

Andhra Pradesh

- In Rayalaseema, before transplanting of rice, apply carbofuran 3g granules @ 160 g per cent in the nursery one week prior to pulling the seedlings. Continue land preparation and sowing of chickpea.

Tamil Nadu

- In Western zone, continue sowing of sunflower with a spacing of 45 x 15 cm for varieties and 60 x 30 cm for hybrids in the ridges and furrows. Adopt the seed rate of 7 kg for varieties and 5 kg for hybrids per hectare.
- Prevailing weather is conducive for the spreading of yellow mosaic virus in pulses. Spray Dimethoate 30 EC 500 ml / ha or Thiamethoxam 75 WS 1 g/ litre to control after current spells of rain.
- Due to the prevailing weather condition, the incidence of Fall Army worm seen in Maize fields in Southern Zone. To control spray any one of the following insecticides 5ml Chlorantraniliprole 18.5 SC (Corogen) or 10 gm Emamectin benzoate 5 SG (Promactin) with 10 liter of water, stir well and spray the solution on the top of the shoot after current spells of rain.
- In Western zone, to control Reddening disease in Winter Combodia cotton, spray mix solution of 5% Magnesium sulphate along with 1% urea and 0.1 % Zinc Sulphate after current spells of rain.