

Advisory for DD Kisan dated 06.07.18
(Agromet Advisories mentioned in the inputs are prepared
by different Agromet Field Units in the country)

Significant Weather Features

- The axis of monsoon trough at mean sea level now passes through Amritsar, Chandigarh, Shahjahanpur, Gorakhpur, Nawada, Bankura, Digha and thence East-southeastwards to East central Bay of Bengal.
- Under the influence of an upper air cyclonic circulation over northwest Bay of Bengal & adjoining West Bengal and Odisha and another over north Chhattisgarh & neighbourhood enhanced rainfall activity likely over east, adjoining central and north peninsular India during next 3-4 days.
- Sea conditions are very likely to remain very rough over central Arabian Sea during next 3-4 days. Fishermen are advised not to venture into these areas during the specified period.

Realised Rainfall

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

- Rain/thundershowers observed at most places over West Bengal & Sikkim, Vidarbha, Madhya Maharashtra, Marathwada, Konkan & Goa, Telangana, Coastal & north Interior Karnataka, Kerala, Lakshadweep and Andaman & Nicobar Islands; at many places over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Gujarat region and Madhya Pradesh; at a few places over Jammu & Kashmir, Haryana, Chandigarh & Delhi, East Uttar Pradesh, Bihar, Jharkhand, Odisha, Chhattisgarh, South Interior Karnataka and Coastal Andhra Pradesh; at isolated places over Rajasthan, Saurashtra & Kutch and Tamil Nadu & Puducherry.

5 Day Rainfall Forecast (Mid-day)

6th July 2018

Met-Sub-Division	06-Jul Today	07-Jul Sat	08-Jul Sun	09-Jul Mon	10-Jul Tue
1. Andaman & Nicobar Islands	FWS	FWS	WS	WS	WS
2. Arunachal Pradesh	SCT	SCT	FWS	FWS	FWS
3. Assam & Meghalaya	FWS	FWS	FWS	FWS	FWS
4. N. M. M. & T.	FWS	WS	FWS	FWS	FWS
5. S.H. West Bengal & Sikkim	FWS	FWS	FWS	WS	WS
6. Gangetic West Bengal	FWS	SCT	SCT	FWS	FWS
7. Odisha	SCT	FWS	FWS	WS	WS
8. Jharkhand	SCT	SCT	FWS	FWS	FWS
9. Bihar	SCT	SCT	SCT	FWS	FWS
10. East Uttar Pradesh	ISOL	ISOL	SCT	FWS	WS
11. West Uttar Pradesh	ISOL	ISOL	ISOL	SCT	FWS
12. Uttarakhand	ISOL	ISOL	FWS	FWS	WS
13. Haryana, Chd & Delhi	ISOL	ISOL	ISOL	ISOL	SCT
14. Punjab	DRY	DRY	DRY	ISOL	ISOL
15. Himachal Pradesh	ISOL	ISOL	ISOL	ISOL	FWS
16. Jammu & Kashmir	ISOL	ISOL	ISOL	ISOL	SCT
17. West Rajasthan	ISOL	DRY	DRY	ISOL	ISOL
18. East Rajasthan	ISOL	ISOL	ISOL	ISOL	SCT
19. West Madhya Pradesh	SCT	SCT	SCT	SCT	FWS
20. East Madhya Pradesh	WS	WS	WS	WS	WS
21. Gujarat Region	SCT	SCT	SCT	SCT	FWS
22. Saurashtra & Kutch	ISOL	ISOL	ISOL	ISOL	SCT
23. Konkan & Goa	WS	WS	WS	WS	WS
24. Madhya Maharashtra	WS	WS	WS	FWS	FWS
25. Marathawada	WS	WS	WS	WS	FWS
26. Vidharbha	WS	WS	WS	WS	FWS
27. Chhattisgarh	WS	WS	WS	FWS	FWS
28. Coastal Andhra Pradesh	WS	FWS	FWS	SCT	SCT
29. Telangana	WS	WS	FWS	FWS	FWS
30. Rayalaseema	SCT	SCT	SCT	ISOL	ISOL
31. Tamilnadu & Puducherry	SCT	ISOL	ISOL	ISOL	ISOL
32. Coastal Karnataka	WS	WS	WS	WS	WS
33. North Interior Karnataka	FWS	FWS	FWS	FWS	SCT
34. South Interior Karnataka	FWS	WS	WS	WS	WS
35. Kerala	WS	WS	WS	WS	WS
36. Lakshadweep	FWS	FWS	FWS	FWS	FWS

% 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

- **06 July (Day 1):** Heavy to very heavy rain at a few places with extremely heavy at isolated places very likely over Konkan & Goa and Vidarbha; heavy to very heavy at isolated places over Chhattisgarh, Madhya Maharashtra, Telangana and Coastal Karnataka; heavy at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Coastal Andhra Pradesh, Rayalaseema, Interior Karnataka and Tamil Nadu.
- **07 July (Day 2):** Heavy to very heavy rain at a few places with extremely heavy at isolated places very likely over Konkan & Goa and Vidarbha; heavy to very heavy at isolated places over Chhattisgarh, Madhya Maharashtra, Telangana and Coastal Karnataka; heavy at isolated places

over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Coastal Andhra Pradesh, Rayalaseema, Interior Karnataka and Kerala.

- **08 July (Day 3):** Heavy to very heavy rain at a few places with extremely heavy at isolated places very likely over Konkan & Goa, Vidarbha and Coastal Karnataka; heavy to very heavy at isolated places over Chhattisgarh, Madhya Maharashtra, Marathwada and South Interior Karnataka; heavy at isolated places over Madhya Pradesh, Sub-Himalayan West Bengal & Sikkim, Odisha, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Telangana and Kerala.
- **09 July (Day 4):** Heavy to very heavy rain at a few places with extremely heavy at isolated places very likely over Konkan & Goa and Coastal Karnataka; heavy to very heavy at isolated places over South Interior Karnataka; heavy at isolated places over Uttarakhand, Madhya Pradesh, Vidarbha, Sub-Himalayan West Bengal & Sikkim, Odisha, Assam & Meghalaya, Madhya Maharashtra and Kerala.
- **10 July (Day 5):** Heavy to very heavy rain at a few places with extremely heavy at isolated places very likely over Konkan & Goa and Coastal Karnataka; heavy to very heavy at isolated places over Uttarakhand, South Interior Karnataka and Kerala; heavy at isolated places over Himachal Pradesh, Uttar Pradesh, East Madhya Pradesh, Gujarat region, Odisha and Madhya Maharashtra.

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

Sate-wise Advisories

Kerala

- Complete transplanting of Viruppu rice. Continue planting of brinjal, chilli, bhindi and bitter gourd during the month. Continue planting of saplings of coconut.

Andhra Pradesh

- In Coastal Andhra Pradesh, continue sowing of pulses, maize, ragi, bajra and groundnut after necessary seed treatment. Choose high yielding varieties like K 6, K 9, Dharani, Kadiri, Chitravani and Amaravathi for groundnut and LRG 41, PRG 176 and LRG 52 varieties for red gram. Choose high yielding varieties of castor like Kranthi, Haritha, Jwala, PCH 111 and DCH 157. Choose TBG-104, LBG-787, LBG-752, P.U-31, LBG-20 varieties for black gram and LBG-460, LBG-407, T.U-96-2, I.P.M2-14, W.G.G-42 varieties for green gram.
- In Rayalaseema, undertake sowing of rainfed millets like ragi, jowar, korra and pulses like red gram, black gram and green gram.

Telangana

- Continue sowing of rainfed crops like soybean, jowar, maize, red gram, cotton etc. Take up rice nurseries of medium duration varieties duly treating with Carbendazim @ 1 g or Mancozeb @ 2.5 g per kg of seed.

Tamil Nadu

- For kuruvasi season, use rice seedlings of 18 to 22 days for transplanting in main field. Before transplanting dip the root portion of the seedlings in biofertilizer slurry @ 1 kg each of Azospirillum and phosphobacteria or 2 kg of Azophos for 15 to 30 minutes. Apply 35 kg urea, 125 kg single super phosphate, 8.5 kg muriate of potash and 200 kg gypsum per acre as basal to the main field. In SRI, transplant 14 days old seedlings at 25 x 25 cm spacing using SRI marker. Provide support to banana and sugarcane crops.

Karnataka

- In Coastal Karnataka, continue transplanting of rice. Continue sowing of maize, turmeric and ginger, cotton dibbling after current spells of heavy rain. Drain out excess water from already sown crop fields.
- In South Interior Karnataka, under double cropping, continue sowing of cowpea, green gram, black gram, horse gram, field bean, ragi, sesamum, groundnut, onion, maize and under mono cropping, sowing of long duration crops like red gram, castor, cotton, jowar crops and horticulture crops. Intercropping of groundnut + red gram in 8:2 proportion and groundnut + castor in 8:2 proportion is suggested for good income. Continue nursery preparation of rice..
- In North Interior Karnataka, in areas where the soil moisture condition is favourable for sowing, continue sowing of soybean, green gram, black gram, red gram (TS-3R), sunflower, bajra, sesamum, navane, groundnut, cotton and maize.

Assam

- As weather is favourable, undertake land preparation and sowing of sesamum. Continue main field preparation/puddling for transplanting of Sali rice seedlings at 3-4 leaves stage. Complete the sowing of groundnut during this month. Undertake sowing of pigeon pea (variety: T-21) after current spells of heavy rain.
- In flood affected area, grow flood tolerant Sali rice variety viz. Swarna Sub-1, Ranjit Sub-1 and Bahadur Sub-1; or sow Gitesh and Manohar Sali as even 60 days old seedlings of these varieties can be transplanted or sow short duration rice variety like Luit and Dishang in nursery beds.
- Spray Carbendazim @ 1g per litre of water to control blast disease in Sali paddy seedlings after current spells of rain.

Meghalaya

- Prepare raised nursery bed of size 10m (length) × 1.25m (width) × 10cm (height) with 20-30cm wide channel between the two seed beds for lowland Sali/kharif rice HYVs like Sharsarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, RCPL 1-410, RCPL 1-411 & local varieties like Mendri, Manipuri, etc. after current spells of heavy rain. Continue field preparation for upland kharif rice after current spells of heavy rain. Provide drainage in ginger turmeric and other vegetable crops.

Nagaland

- Undertake nursery preparation for sowing of TRC/WRC paddy. Undertake timely harvesting in maize and green gram crops. Keep harvested produce in safer place. Maintain proper drainage in ginger/turmeric field.

Mizoram

- Carry out land preparation for sowing kharif pulses like green gram, black gram and rajma. Carry out earthing up in Jhum rice, chilli, cowpea, okra and maize fields on a non rainy day and provide proper drainage.

Tripura

- Complete sowing of maize by the second week of July. Aman paddy in lowland condition is going to suffer from water logging condition, submersible Aman paddy variety may be chosen for such fields.
- To manage fungal diseases like brown spot and rice blast in Aman paddy, apply Carbendazim+ Mancozeb @ 2.5g per litre of water in seedbed after current spells of rain.

Odisha

- Continue sowing of maize, pulses (Arhar- UPAS 120, Mahak, Asha, Mung- TARM-1, TARM-2, Biri- PU-31, PU-19), groundnut (vari.Smruti, Devi, JL 24, Kadri, AK 12-24) and kharif vegetables in upland areas.
- Undertake direct sowing of rice as well as wet nursery sowing in low, medium lands. If the germination percentage is above 80% than only sow it in the field.

Bihar

- Undertake nursery sowing of rice. Short duration varieties like., Sabour deep, Susk samrat, Prabhat, Sita, Abhishek, Shabhagidhan, and Sabour Ardjal and Scented rice var. Sabour surbhit, Sugandha, Kamini, Rajendra suwasini, Rajendra kasturi and Katarni should be sown in nursery preferably upto 10 July. If long duration seedlings are ready for transplanting, start rice transplanting in low land areas.
- Sowing of fodder crops like Jowar (PC 6, PC 23, MP chari, SSG 998, 898, 555), Maize (African Tall, Vijay, Moti, Jawahar), Lobia (UPC 4200, 5286, 287), Bajra (L 72, 74, Giant bajra), Guar (Bundel guar 1, 2, 3) may be completed.

Jharkhand

- Continue sowing of maize, groundnut, pigeon pea, urad and moong.
- In Central and North Eastern Plateau Zone, continue sowing of sesame and soybean (vari. Birsa Soya bean-1, Birsa safed soya bean etc) before sowing treat the seed with Thiram, Captain or Carbendazim. Continue sowing of pigeon pea and maize in South Eastern Plateau Zone.

West Bengal

- In Sub-Himalayan West Bengal, provide proper drainage facility in soybean, round chilli, ginger and turmeric fields. Start seedbed preparation for kharif paddy @ 5kg/bigha seeds. Treat seeds with Thiram or Carbendazim @ 2.5 to 3 g per kg seeds.
- In Gangetic West Bengal, continue land preparation and nursery sowing of Aman paddy varieties like MTU 1010, PD 12, Pratiksha, Bidhan 1 etc. (short duration); MTU-7029, MTU1001, Pratiksha etc. (medium duration) and CR1017, CR1018, CR1019, Sabita etc. (long duration). Continue sowing of Sweta, Churni, Jagriti, Prabhat varieties of arhar during next week after seed treatment with Mancozeb, Thairam or Captan. Drain out excess water from Aman paddy, betel vine, ginger and turmeric fields.

Maharashtra

- In view of the heavy to very heavy rainfall at a few places with extremely heavy rain at isolated places very likely over Konkan during the period, continue transplanting of kharif rice after the current spells of heavy rain. Provide adequate drainage in vegetable fields.
- In Madhya Maharashtra, continue sowing of kharif crops such as soybean, black gram, pearl millet, cotton, pigeon pea, maize and groundnut etc. Sowing should be done after receipt of sufficient rain

in some pockets of Jalgaon district (Muktainagar, taluka), Pune district (Shirur, Daund and Indapur taluka), Solapur district (Jeur, Malshiras, Sangola taluka). Undertake main field preparation and also undertake transplanting of 21 -25 days old seedling.

- In Marathwada, continue sowing of kharif crops like rainfed Bt cotton, pigeonpea, black gram / green gram, groundnut, maize and also undertake seed treatment before sowing of crops. Farmers are advised to wait for sowing in the areas where sufficient amount of rainfall was not received (Aurangabad district : Paithan, Vaijapur taluka, Beed district : Gevarai, Majlgaon, Dharur, Shirurkasar taluka, Jalna district : Jafrabad, Jalna, Ambad, Partur, Ghansangavi taluka, Mantha, Latur district : Devani taluka , Nanded district : Nanded, Biloli taluka, Osmanabad district : Osmanabad, Tuljapur, Paranda, Lohara taluka, Parbhani district : Pathri, Jintur, Sonpeth, Manwat, Palam taluka). Complete sowing of Kharif sorghum, groundnut, black gram, green gram upto 7th July. Continue sowing of cotton, pearl millet, soybean, pigeonpea, sesamum, sunflower upto 15th July.
- In West Vidarbha, continue sowing of kharif crops like cotton, tur, maize and soybean except in some pockets of Akola district (Telhara taluka) and Buldhana district (Nandura, Shegaon, Kamgaon and Samgrampur). Undertake intercropping of maize with black gram/green gram/soybean/ groundnut. Complete sowing of green gram and black gram.

Gujarat

- In Middle Gujarat, continue sowing of pearl millet, cotton and groundnut utilizing realized rainfall. Undertake main land preparation for transplanting of rice.
- In South Gujarat, continue sowing of pigeon pea, green gram and black gram crops with realized rainfall, main field preparation for transplanting of rice. Drain out excess water from crop fields in Navsari, Valsad and Dangs districts.
- In North Gujarat, continue land preparation for sowing of groundnut, pearl millet, sesame, maize, green gram, sorghum; undertake sowing of these crops and transplanting of vegetable crops after receipt of sufficient rainfall. Carry out gap filling in hybrid cotton under sufficient moisture condition.
- In Saurashtra & Kutch, continue land preparation for sowing of kharif groundnut, sesame, pearl millet, green gram, black gram, cowpea, pigeon pea, maize, sorghum and undertake sowing after receipt of sufficient rainfall.

Madhya Pradesh

- In West Madhya Pradesh, continue sowing of red gram, maize, green gram, black gram, pearl millet and soybean. Continue transplanting of brinjal, chilli, tomato, early cauliflower and kharif onion. Continue nursery preparation for rice.
- In East Madhya Pradesh, continue sowing of kharif crops like maize, soybean and groundnut. Continue direct sowing of rice in Kymore Plateau and Satpura Hill Zone. Continue nursery preparation for rice. Continue seed bed preparation for onion.

Chhattisgarh

- Continue sowing of kharif crops like soybean, til, red gram, maize, groundnut. Continue sowing of cucurbits and transplanting of vegetables. Continue nursery sowing of rice and line sowing of rice. Continue planting of banana.

Jammu & Kashmir

- Continue transplanting of rice seedlings which have attained 4-6 leaves (varieties: China-1039, IET-1410, Ratna, PC-19, SJR-5 & Jaya). Continue sowing of maize varieties (Vivek-25, Vivek QOM-9 HM-5 and HQPM-1). Undertake sowing of kharif moong, mash and okra during clear weather when soil reaches *vattar* condition.

Uttarakhand

- Continue transplanting of rice seedlings having 4-5 leaves. Before transplanting the seedlings of rice, roots should be dipped for half an hour in the solution of Carbendazim @ 1g/litre of water. Soybean varieties like PS-1024, PS-1042 PS-1092, PS-1241, PS-1347, PS-1225, PS-19 etc. should be sown in the bhabar and tarai region and completed during the week. Undertake sowing of finger millet, amaranth, black gram, soybean etc.

Himachal Pradesh

- Undertake transplanting of 20-25 days old paddy seedling in main field. Undertake sowing of kharif pulses moong, mash and kulthi. Sowing of French bean, should be completed in high hills regions and undertake sowing of peas, turnip, carrot, spinach etc.

Punjab, Haryana & Delhi

- In Punjab, continue transplanting of rice. Continue sowing of maize. Undertake transplanting of early cauliflower.
- In Haryana, continue sowing of lobia, moth and pigeon pea. Continue transplanting of 30 days old seedlings of rice. Undertake sowing of guar and bajra.
- In Delhi, continue sowing of red gram. Continue transplanting of rice. Continue sowing of maize, guar, bajra, cluster bean, spinach, amaranths and lady finger. Undertake sowing of soybean.

Uttar Pradesh

- In East Uttar Pradesh, undertake transplanting of 20-25 old days seedling of rice. Continue sowing of pigeon pea. Continue sowing of cucurbits. Continue sowing of *kharif* maize, jowar, soybean and groundnut. Continue planting of banana.
- In West Uttar Pradesh, drain out excess water from vegetable nurseries. Undertake transplanting of rice in Western Plain Zone.

Rajasthan

- In East Rajasthan, continue sowing of crops like red gram, green gram, cowpea, moth, pearl millet, sesame, sorghum, maize & cluster bean. Continue sowing of groundnut. Complete nursery sowing of rice in South Eastern Humid Plain Zone and undertake transplanting of 3 week old seedlings of rice.
- In West Rajasthan, continue land preparation and sowing of sesame, pearl millet, cluster bean, moong and moth.