

All India Coordinated Research Project on Agrometeorology (AICRPAM)

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Weather conditions and Agromet advisories issued during August 2021

1. General Weather Conditions

During 01 June -31 August 2021, the country as a whole received 645 mm rainfall, which is -9% deficit, compared to the normal rainfall (710 mm) for the same period. Out of 36 meteorological sub-divisions, rainfall was excess, normal and deficient in 4, 21 and 11 sub-division(s), respectively as depicted in Fig. 1.

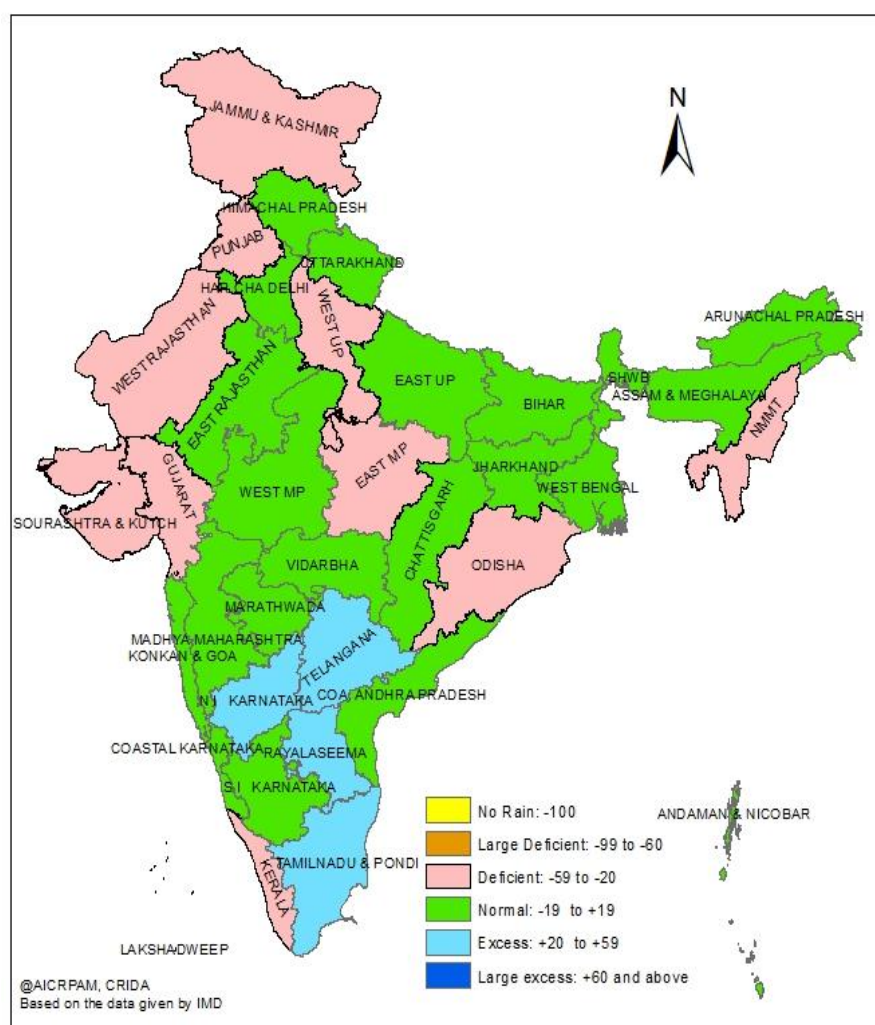


Fig. 1: Rainfall status of 36 meteorological sub-divisions of India during 01 June -31 August 2021

2. Agromet advisories issued by AICRPAM centers during August 2021

Date of issue	Advisory issued for the region	Agromet Advisory issued
06-08-2021	Tamil Nadu	For protecting banana from high wind speed, it is advised to mount the soil around the base of the tree and give support by using Casuarina poles.
	Marathwada	Due to rainy and humid weather condition, there is a chance of aphids in black gram/green gram. For management, it is advised to spray 5% NSKE or Dimethoate 30% @ 240 ml per acre during clear weather condition.
	Hisar	Due to chances of anticipated weather and rainfall, farmers are advised to withhold sowing of kharif crops and irrigation in existing crops.
	Jammu	For the management of stem borer in maize, it is advised to apply Cartap hydrochloride/Carbofuran granules @ 5 g/plant during clear weather.
13-08-2021	Konkan	Due to intermittent rainfall, there is possibility of army worm infestation in finger millet and proso millet field. If noticed, it is advised to dust Chlorpyrifos 1.5% DP.
	Kerala	During humid seasons, leaf spot disease is observed in bhindi. To manage, it is advised to spray Carbendazim @ 1ml per litre or Propiconazole @ 1ml per litre immediately after appearance of the disease.
	Bihar	Monitoring is advised for the infestation of fruit and shoot borers in brinjal crop. To manage, it is advised to collect and destroy the infected plants and spray the crop with Spinosad 48 EC @ 1ml/4 litres of water.
	Assam	Due to deficit rainfall condition, farmers are advised to apply need base supplemental irrigation in paddy field, depending upon the rainfall situation.
20-08-2021	Odisha	For the management of panama wilt disease in banana, it is advised to select disease free planting material and resistant cultivars like Bantal, Robusta, Champa, Kabuli etc.
	Himachal Pradesh	Farmers are advised to make bunds for conserving rain water in the lowland rice fields.

	Chhattisgarh	For management of defoliators and white fly in soybean, it is advised to spray per-mixed insecticides like Beta Cyfluthrin + Imidacloprid @ 350 ml/ha or Thimethoxam + Lambda Cyhalothrin @ 125 ml/ha.
	Gujarat	For the management of leaf miner in tomato crop, it is advised to spray Spinosad @ 3 ml per 10 liters of water.
	Eastern Uttar Pradesh	If crops fail due to water logging because of excess rainfall, then re-sowing of early maturing varieties of crops is advised.
27-08-2021	West Bengal	Under prevailing weather condition, constant monitoring for brown plant hopper in paddy field is advised. If insect population is above ETL spray of Imidacloprid 17.8 % SL @ 1.0 ml /3 litres of water is recommended.
	Uttarakhand	Farmers are advised to go for the raising of early nursery of cauliflower in the playhouses/polytunnels.
	Vidharbha	Due to the chances of heavy rainfall, farmers are advised to drain out excess water in the event of waterlogging in standing crop/vegetable fields and orchards.
	West Uttar Pradesh	Keeping in view of light to medium rainfall, farmers are advised to conserve rain water in the paddy fields by making broad and elevated bunds during week-2.
	Punjab	It is the optimum time for sowing of mid-season varieties of cauliflower. Recommended varieties are <i>Punjab Broccoli-1</i> and <i>Palam Samridhi</i>
	Jharkhand	Under prevailing weather condition, sowing of early potato is advised. Recommended early varieties are Kufri Ashoka, Kufri Chandramukhi and Kufri Pukhraj.