

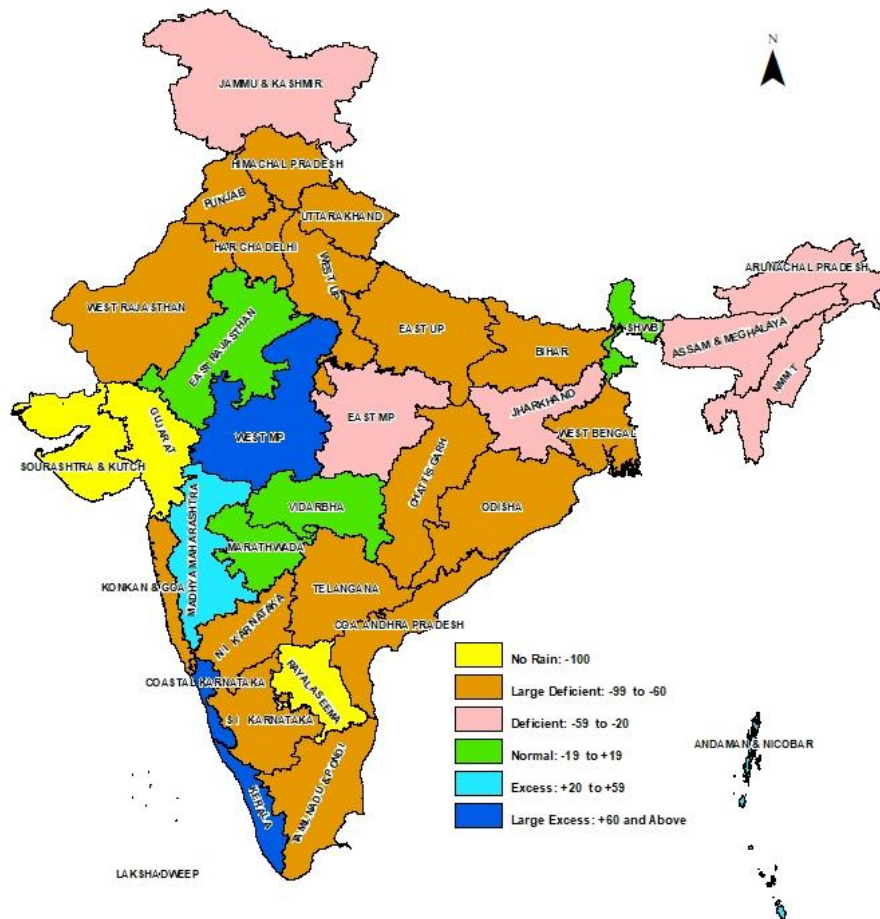
All India Coordinated Research Project on Agrometeorology (AICRPAM)

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Weather conditions and Agromet advisories issued during March 2021

1. General Weather Conditions

During 01– 31 March 2021, the country as a whole received 16.7 mm rainfall, which is -45% less, compared to the normal rainfall for the same period (30.4 mm). Out of 36 meteorological sub-divisions, rainfall was large excess, excess, normal, deficient, large deficient and no rain in 3, 2, 5, 6, 17 and 3 sub-division (s), respectively as depicted in Fig. 1.



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Based on the data given by IMD

2. Agromet advisories issued by AICRPAM centers during March 2021

Date of issue	Advisory issued for the region	Agromet Advisory issued
05-03-2021	Kerala	Due to increase in temperature, it is advised to bury fresh or dried coconut husk around the palmtrees to conserve soil moisture.
	Assam	Under prevailing weather, farmers are advised to continue the land preparation for sowing of summer green gram and black gram. Recommended varieties for green gram are K-851, Pratap and for black gram are Pant U-19 and SBC-40.
	Chhattisgarh	Due to increase in temperature, it is advised to provide necessary irrigation in summer vegetable crops.
	Vidarbha	Under prevailing weather, sowing of water melon and musk melon is advised with recommended varieties of water melon (Asahi Yamato, Sugar baby, Arka Manik and Pusa bedana) and muskmelon (Pusa Sharbati, Pusa Madhuras, Hara Madhu).
12-03-2021	Marathwada	Under prevailing dry weather condition, mulching is advised around the stem of newly planted banana and mango orchards.
	Andhra Pradesh	Current weather is favourable for the incidence of fall army worm in maize (especially in Vizianagaram, Visakhapatnam, Chittoor, East Godavari, West Godavari and Ananthapuramu districts). To control, spray Thiodicarb @ 2g or Emamectin benzoate @ 0.4 g/litre of water.
	Hisar	Under prevailing dry weather, farmers are advised to keep vigil on insect/pests in sugarcane crop and also advised to apply need-based irrigation.
	West Bengal	For the management of mango hopper in mango orchard, it is advised to spray Imidachloprid @ 3ml/10litres of water or Acetamiprid @ 1ml/litre of water.
19-03-2021	Tamil Nadu	Prevailing weather condition is favourable for stem borer incidence in mango. To control, it is advised to apply Swab Coal tar + Kerosene @ 1:2 or Carbaryl 50 WP 20 g / l (basal portion of the trunk - 3 feet height) after scraping the loose bark to prevent oviposition by adult beetles.

19-03-2021	Western Uttar Pradesh	Under prevailing dry weather condition, farmers are advised to harvest mature barley crop.
	South Interior Karnataka	For the management of leaf hopper in mango orchard, spraying of Carbaryl, 50 WP @ 4g/litre of water or Imidachlorprid @ 0.3 ml/litre of water is advised.
	Eastern Uttar Pradesh	Inter-cultural operation is advised to check the evapo-transpirational losses.
26-03-2021	Konkan	Due to the chances of increase in temperature, it is advised to apply 150 to 200 litres of water to nut bearing trees and to newly planted cashewnut orchard @ 15 litres of water to be applied at 15 days intervals. It is also advised to use straw mulch.
	Jharkhand	For the management of leaf blight disease in cucurbitaceous vegetables, it is advised to spray Karathen @ 1 ml per litre of water.
	Gujarat	For the management of thrips in chilli, it is advised to spray Carbofuran 3G @ 17 kg/h at 15 days after transplanting.
	Chhattisgarh	Due to the chances of light rainfall and cloudy weather condition, there is a possibility of outbreak of stem borer in summer rice crop. To manage, it is advised spray Rynexpyr (Fertera) @ 10 kg/ha or Kartap @ 20 kg/ha.
	Himachal Pradesh	Maintain room temperature of 25-28°C and relative humidity of 80-85% for successful growing of mushrooms.