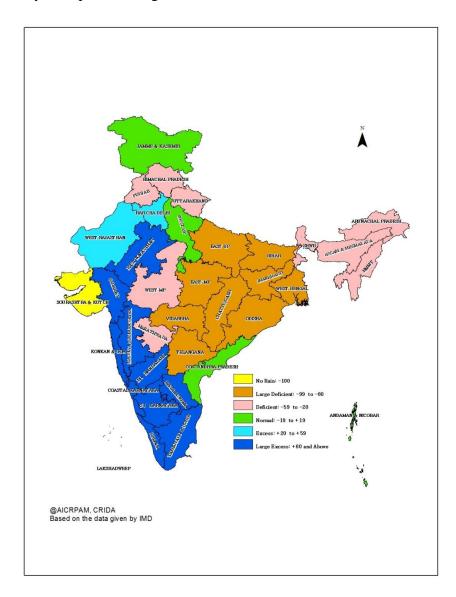
All India Coordinated Research Project on Agrometeorology (AICRPAM)

ICAR-Central Research Institute for Dryland Agriculture, Hyderabad, Telangana – 500059

Weather conditions and Agromet advisories issued during January 2021

1. General Weather Conditions

During 01–31January 2021, the country as a whole received 20.3 mm rainfall, which is 17% excess rainfall, compared to the normal rainfall for the same period (17.3 mm). Out of 36 meteorological sub-divisions, rainfall was large excess, excess, normal, deficient, large deficient and no rain in 11, 2, 4, 9, 9 and 1sub-division, respectively as depicted in Fig. 1.



2. Agromet advisories issued by AICRPAM centers during January2021

Date	Advisory issued	Agramat Advisary issued
of issue	for the region	Agromet Advisory issued
	Kerala	For the management of white fly in chilly, it is advised to apply 2% Neem oil garlic emulsion or spray 20g <i>Lecanicillium lecanii</i> per one litre of water in ten days intervals.
01-01-2021	Madhya Maharashtra	To protect mango orchard from powdery mildew disease and hoppers, it is advised to spray Imidachloprid 17.8 SL @ 4 ml and 80% wettable Sulphur @ 25 g in 10 litres of water.
	Himachal Pradesh	Due to chances of frost occurrence, farmers are advised to protect the crop by applying light irrigation during evening hoursand applying mulches in crops.
	South Interior Karnataka	Farmers are advised to maintain humidity in the silkworm rearing house by providing good cross-ventilation and dust dry slaked lime powder when silkworms settle for moult.
	Marathwada	Due to cloudy weather condition, there may be a chance of fruit drop in citrus orchard. To manage, spray of Copper Oxychloride @ 20 g or Metalaxyl + Mancozeb @ 10 g per 10 litres of water is advised.
	Gujarat	Due to cold weather conditions, it is advised to protect the newly born calves from cold wind and keep the animals indoor during night.
08-01-2021	Hisar	Under prevailing weather conditions, farmers are advised to withhold the irrigation in wheat crop.
	West Bengal	Due to cold weather conditions, it is advised to protect the seedlings of boro rice by covering the nursery bed with polythene and keep the stagnant water in the nursery bed especially during night.
15-01-2021	Tamil Nadu	Prevailing weather condition is favorable for mealy bug incidence in guava. It is advised to apply Triozhophos 2 ml + Neem oil 5 ml/litre or Phosalone 35 EC 1.5 ml + Neem oil 5 ml/litre or release <i>Cryptolaemous montrouzieri</i> beetles @ 10/tree.
	Western Uttar Pradesh	To protect the vegetable crops from frost, it is advised to spray 2% Urea or to provide light irrigation.

15-01-2021	Chhattisgarh	For the management of aphid in mustard crop, it is advised to spray Imidacloprid 17.8 SL @ 250 ml per ha for 2 to 3 times at an interval of 10-15 days.
	Eastern Uttar Pradesh	Under prevailing dry and cold weather conditions, straw mulching and intercultural operations are advised in the field to maintain the moisture.
	Konkan	Due to increase in temperature, there is a possibility of incidence of rugose spiraling white fly in coconut. If incidence is noticed, spray 50 ml Neem seed kernel extract 0.5% @ 30 ml per 10 litres of water.
	Vidharbha	For the management of pod borer in chickpea, it is advised to spray 5% NSKE or Azadirachtin 1500 ppm @ 25 ml or Quinolphos 25% EC @ 20 ml per 10 litres of water.
22-01-2021	North Interior Karnataka	Farmers are advised to take up plant protection measures in horticultural crops like citrus, pomegranate, grapes and field crops like onion, chickpea and safflower.
	Assam	Prevailing cloudy and heavy fog weather condition may trigger the incidence of wilt disease in the rabi pulse crops. To manage, it is advised to drench the field with Bavistin @ 1 ml/litre of water.
	Odisha	Under prevailing weather condition, there may be chances for incidence of tikka disease in groundnut. To manage, spray of Chlorothalonil 75% WP @ 400g/acre or Mancozeb 75% WP @ 600 g/acre or Hexaconazole 5% EC @ 300 ml/acre is advised.
29-01-2021	Jharkhand	Under prevailing weather conditions, farmers may prepare pits and go for sowing of summer vegetable crops like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc.
	Andhra Pradesh	Present weather condition is favorable for the incidence of maruca spotted pod borer in Vizianagaram, Nellore, Prakasam and Kurnool districts. Farmers are advised to spray Chlorpyriphos @ 2.5 ml or Acephate @1g/litre of water.
	Uttarakhand	Due to dry weather conditions, farmers are advised to apply need-based irrigation in the crops.