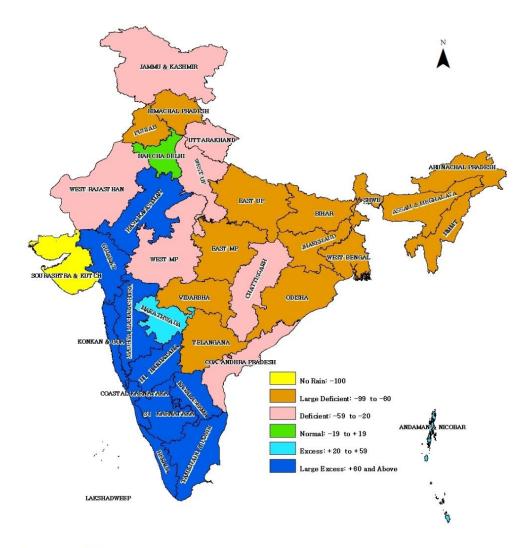
All India Coordinated Research Project on Agrometeorology (AICRPAM)

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

Weather conditions and Agromet advisories issued during February 2021

1. General Weather Conditions

During 01– 28 February 2021, the country as a whole received 27.0 mm rainfall, which is -32% less rainfall, compared to the normal rainfall for the same period (39.8 mm). Out of 36 meteorological sub-divisions, rainfall was large excess, excess, normal, deficient, large deficient and no rain in 11, 2, 1, 7, 14 and 1sub-division(s), respectively as depicted in Fig. 1.



@AICRPAM, CRIDA Based on the data given by IMD

2. Agromet advisories issued by AICRPAM centers during February 2021

Date	Advisory issued	A consense A division of Secured
of issue	for the region	Agromet Advisory issued
05-02-2021	Kerala	Under prevailing weather condition, there is a chance of shoot borer attack in Lady's finger (bhindi). It is advised to spray 5% Neem Seed Kernel Extract or any <i>Bacillus thuringiansis</i> formulations along with jaggery.
	Assam	Under prevailing weather, land may be prepared for cultivation of Lady's finger crop. Recommended varieties are PusaSawani, Arka Anamika and Parvani Kranti.
	Chhattisgarh	Due to cloudy weather, there is a chance of aphid attack 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.
	Vidarbha	Under prevailing dry weather condition, it is advised for need based protective irrigation in vegetable crops.
12-02-2021	Marathwada	For the management of pod borer in chickpea crop, it is advised to spray 5% NSKE or Quinalphos 25% EC @ 20 ml or Emamectin Benzoate 5% @ 4.5 g per 10 litres of water.
	Gujarat	For the management of thrips in chilli crop, it is advised to apply neem-based insecticide @ 20 to 40 ml in 10 litres of water.
	Hisar	Under prevailing weather conditions, farmers are advised to keep vigil on insect/pests in sugarcane crop and it is also advised to go for need-based irrigation.
	West Bengal	Due to sudden rise in temperature, there is a chance of aphid infestation in late sown mustard crop. To control, it is advised to apply Metasystox/rogor @ 1.5 ml per litre of water.
19-02-2021	Tamil Nadu	Prevailing weather is favorable for sucking pest insect in cotton. To control, it is advised to spray Imidacloprid 200 SL @ 100 ml or Methyl demeton 25 EC 500ml/ha or Dimethoate 30 EC 500ml/ha (or) NSKE 5% @ 2 kg/ha.
	Western Uttar Pradesh	Due to high temperature and cloudy weather, aphid attack may occur in mustard crops. If observed, spray Imidachloprid 17.8% SL @ 300ml/ha with 500 to 600 litres water solution.

l l		T 1 11 1 0 1
		Due to continuous dry spell, chance of termite
	South Interior	attack in horticultural crops, forestry tree and
	Karnataka	shrubs is more. To protect, it is advised to apply
19-02-2021		Aldrin termicides.
		Inter-cultural operation is advised to check the
	Eastern Uttar	evapo-transpiration losses.
	Pradesh	
		Due to chances of cloudy weather condition,
		there is a possibility for incidence of aphids on
		lablab crop. If incidence is noticed, spray
	Konkan	Dimethoate 30% EC @ 12 ml per 10 litres of
		water during clear weather.
		Due to foggy weather, there is a chance of
		infestation of sucking pest in mango. To manage,
	Odisha	it is advised to spray Imidacloprid 17.8% SL @ 5
26-02-2021		ml/15 litres of water or Thiamethoxam 25% WG
		@ 3 ml/15 litres of water or Acetamiprid 20%
		SP @ 4 g/15 litres of water.
		Due to rise in temperature, monitoring of
	Uttarakhand	sucking pest in different fruit crops is advised.
		_
	Madhya	Due to increase in temperature, a light irrigation
	Pradesh	is advised in the crop fields as per the actual
		requirement.