

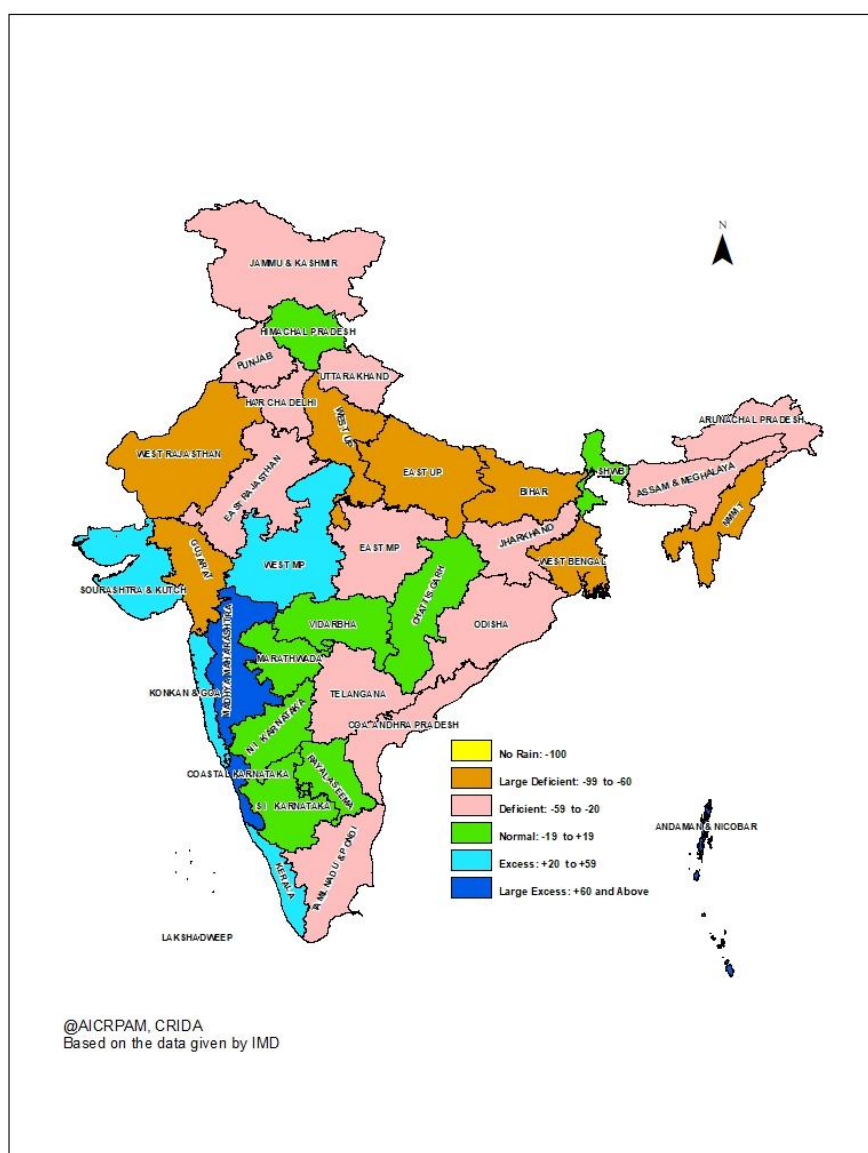
# All India Coordinated Research Project on Agrometeorology (AICRPAM)

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## Weather conditions and Agromet advisories issued during April 2021

### 1. General Weather Conditions

During 01– 30 April 2021, the country as a whole received 47.7 mm rainfall, which is -32% less rainfall, compared to the normal rainfall for the same period (69.7 mm). Out of 36 meteorological sub-divisions, rainfall was large excess, excess, normal, deficient, large deficient and no rain in 4, 4, 8, 13, 7 and 0 sub-division(s), respectively as depicted in Fig. 1.



## 2. Agromet advisories issued by AICRPAM centers during April 2021

Date of issue	Advisory issued for the region	Agromet Advisory issued
02-04-2021	Kerala	Due to increase in temperature, there is a chance of sucking pest incidence in vegetables. To control, it is advised to apply 2% Neem oil emulsion once in a week or spray <i>Lecanicillium lecanii</i> at 20 g per litre of water.
	Assam	Due to the chances of light to moderate rainfall, it is advised to stop the top dressing operations in boro paddy.
	Hisar	Under prevailing weather, farmers are advised for sowing of green gram and black gram with certified seed during this month.
	Vidarbha	Due to increase in temperature, it is advised to apply irrigation in groundnut, sunflower and sesame at an interval of 6 to 8 days in the early morning or evening hours.
09-04-2021	Marathwada	Due to high temperature and bright sunshine hours, the bunches of banana may turn black. To protect, it is advised to apply dried leaves on bunch as well as on fruits.
	Western Uttar Pradesh	Due to the chances of hot and dry weather condition, farmers are advised for harvesting and threshing of all pulse crops.
	Chhattisgarh	Due to rise in maximum temperature, farmers are advised to cover animal and poultry sheds with gunny bags and maintain proper ventilation so that shed temperature is maintained as normal.
	West Bengal	To control the fruit drop in mango, it is advised to spray Borax @ 2g per litre of water or Planofix @ 2ml per 5 litre of water.
16-04-2021	Konkan	Due to chances of cloudy weather condition, there is possibility for incidence of fruit fly on mango fruits. Farmers are advised to collect and destroy all fallen fruits and install “Rakshak fruit fly trap” @ 2 traps per acre.
	Himachal Pradesh	Under the prevailing weather condition, there is a chance of thrips attack in onion. To control, spraying of Imidacloprid @ 0.5 ml per litre of water with sticky material (Tipol 1.0 g/litre) under clear sky conditions is advised.

<b>16-04-2021</b>	<b>South Interior Karnataka</b>	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.
	<b>Jammu</b>	Due to chances of rainfall, threshing of harvested mustard crop is advised and keep the threshed crop to safer places.
<b>23-04-2021</b>	<b>Madhya Maharashtra</b>	Under prevailing high temperature, it is advised to protect milch animals by keeping them under the shed and provide green fodder and sufficient clean drinking water.
	<b>Odisha</b>	Prevailing high temperature and intermittent thunder shower is congenial for Brown Plant Hopper and White Backed Plant Hopper infestation in paddy. To manage, it is advised to avoid excess use of nitrogenous fertilizer and spray Neem Based Pesticide (Azadirachtin) 1500 ppm @ 600 ml/acre at the base of the plant.
	<b>Gujarat</b>	For the management of sucking pest in summer mungbean, it is advised to spray Imidacloprid 17.8 SL @ 3 ml or Thiamethoxam 25 WG @ 3 g or Acephate 75 SC @ 15 g in 10 litres of water.
	<b>Uttarakhand</b>	It is advised to provide mechanical support to the fruit bearing trees and vegetable creepers to prevent from strong winds.
<b>30-04-2021</b>	<b>Punjab</b>	For the management of early shoot borer in sugarcane, it is advised to use Tricho-cards having 20,000 eggs of <i>Corcyra cephalonica</i> parasitized (seven days old) by <i>Trichogramma chilonis</i> per acre at 10 days interval.
	<b>Eastern Uttar Pradesh</b>	Under prevailing hot and dry weather, it is advised the farmers for irrigation in late sown wheat and other standing crop.