

All India Coordinated Research Project on Agrometeorology (AICRPAM)

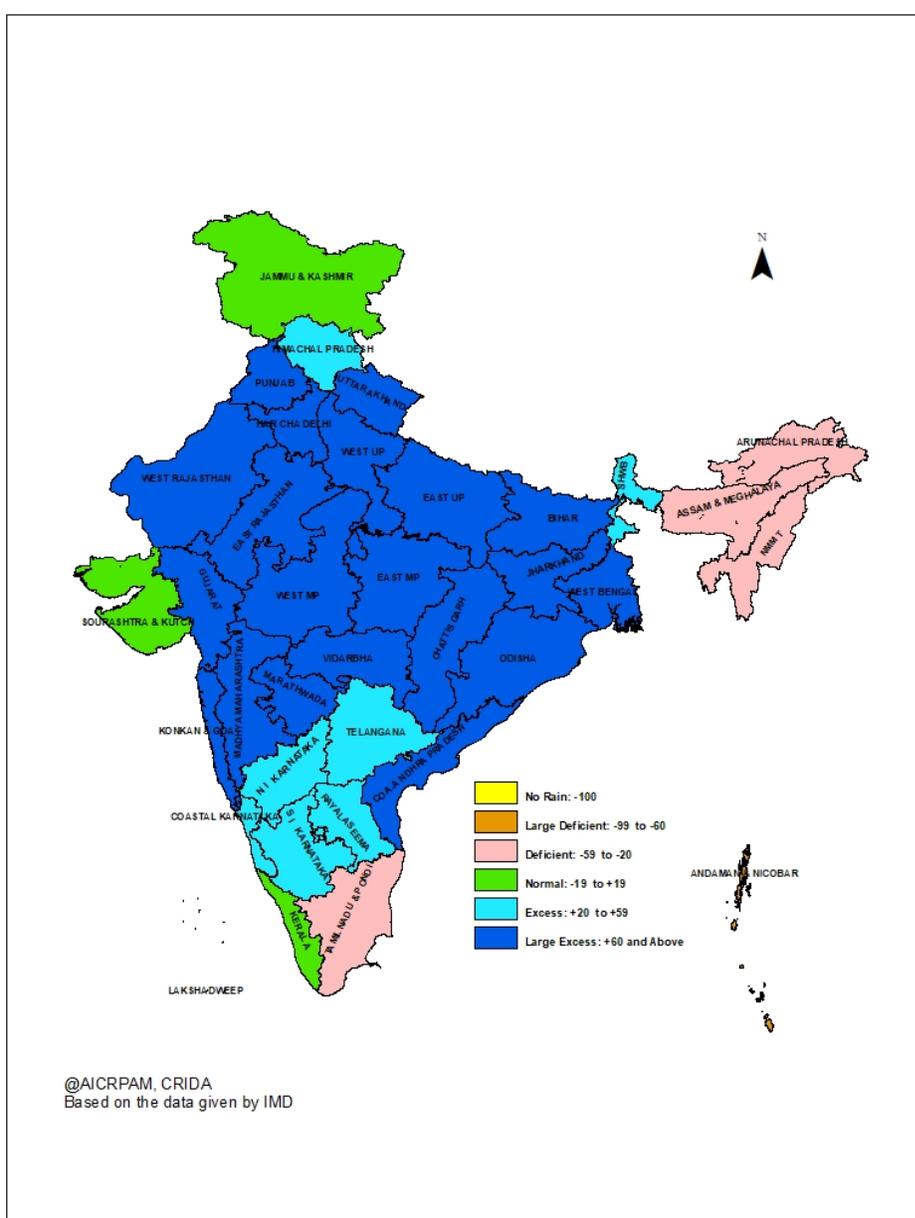
ICAR-Central Research Institute for Dryland Agriculture

Santoshnagar, Hyderabad – 500059

Weather conditions and Agromet Advisories Issued during April 2020

1. General Weather Conditions

During 1 March – 30 April 2020, the country as a whole received 87.0 mm rainfall, which is 25% excess, 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 20, 7, 3, 5, 1 and 0 subdivisions, respectively as depicted in Fig. 1.



2. Agromet advisories issued by ICAR- All India Coordinated Research Project on Agrometeorology (AICRPAM) centers during April 2020

Date of issue	AICRPAM Center	Agromet Advisory issued
03-04-2020	Vidharbha	Light earthing up is advised at peg initiation stage in groundnut for effective peg penetration and facilitation for increased pod development.
	Tamil Nadu	Prevailing weather condition is favorable for black headed caterpillar incidence in coconut. To control, it is advised to spray the under surface of the fronds with Dichlorovos 100EC 0.02%, Malathion 50 EC 0.05% @ 1ml/litre.
	Konkan	Due to variation in temperature and humidity, there is a chance of pre-mature fruit drop in mango. To minimize the pre-mature fruit drop, it is advised to provide 150 to 200 litre of water per tree after fruit setting at 15 days interval for 3 to 4 times and use straw mulch to reduce evaporation losses.
	Himachal Pradesh	Farmers are advised to monitor the yellow powder/ stripes on the leaves of susceptible varieties and spray the recommended fungicides during calm and clear weather as soon as the symptoms appear.
10-04-2020	Kerala	It is advised to provide shades for small seedlings of rubber crop against direct sunlight and adopt measures for summer protection like mulching, shading, white washing and making fire belts in rubber crop.
	Assam	Due to favourable weather, it is advised to harvest the cobs of matured <i>rabi</i> maize. Store the sundried cobs in gunny bags.
	Uttar Pradesh	Due to high temperature, there are chances of pod borer and semi looper in pigeon pea and in chickpea. Hence, farmers are advised to spray 1.5 litre Monocrotophas or Quinalphos 20% EC 2.0 litre/ha or Malathion 50 % EC 2.0 litre/ha with 500 to 600 litre of water on clear sky.

	Punjab	Due to no rainfall condition, farmers are advised to apply light irrigation in December sown wheat crop.
17-04-2020	Jammu	Under prevailing weather condition, sowing of black gram var. Pant U-19, Uttara and green gram var. PDM-54, ML-131, ML 818, PS-16, PS-7 is advised.
	Marathwada	Due to high temperature, it is advised to provide shade to newly planted or small plants of mango. Irrigate the mango orchard during early morning or late evening.
	Hisar	Due to variable weather condition, farmers are advised to harvest and thresh mustard crop.
	Rajasthan	Because of hot weather condition, it is advised to irrigate fruiting mango plants with an interval of 7-10 days.
24-04-2020	South Interior Karnataka	Farmers are advised for summer ploughing for solarization which destroy eggs and pupating stages of insects and weed seeds underneath the surface.
	Andhra Pradesh	Under rainy and thunderstorm conditions, farmers are advised to go for summer ploughing to control of sedges and deep rooted weeds, and expose the pupae of insects to high temperature, and also to improve soil moisture condition.
	Bihar	Intercultural operation is advised in summer vegetables such as lady finger, pumpkin, cucumber, sponge gourd, bottle gourd.
	Gujarat	Due to high temperature and high wind condition, farmers are advised to protect papaya crop by covering fruits using gunny bags and provide support to heavy fruiting plants.

Filename: NITI Aayog Report - April 2020.docx
Directory: C:\Users\user\Desktop
Template: C:\Users\user\AppData\Roaming\Microsoft\Templates\Normal.dotm
Title:
Subject:
Author: Deepti Verma
Keywords:
Comments:
Creation Date: 05/04/2020 5:44:00 PM
Change Number: 2
Last Saved On: 05/04/2020 5:44:00 PM
Last Saved By: user
Total Editing Time: 76 Minutes
Last Printed On: 06/05/2020 4:06:00 PM
As of Last Complete Printing
Number of Pages: 4
Number of Words: 580 (approx.)
Number of Characters: 3,308 (approx.)