

All India Coordinated Research Project on Agrometeorology (AICRPAM)

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Weather Conditions and Agromet Advisories Issued during April 2019

1. General Weather Conditions

During 1 March to 30 April 2019, the country as a whole received 48.1 mm rainfall, which is 31% deficit, compared to the normal rainfall for the same period (69.2 mm). Out of 36 meteorological sub-divisions, rainfall was excess in 3 subdivisions, Large excess in 3 subdivisions, normal in 10 subdivisions, deficient in 16 subdivisions and large deficient in 04 subdivisions. The rainfall distribution in different subdivisions during 1 March to 30 April 2019 is depicted in Fig. 1

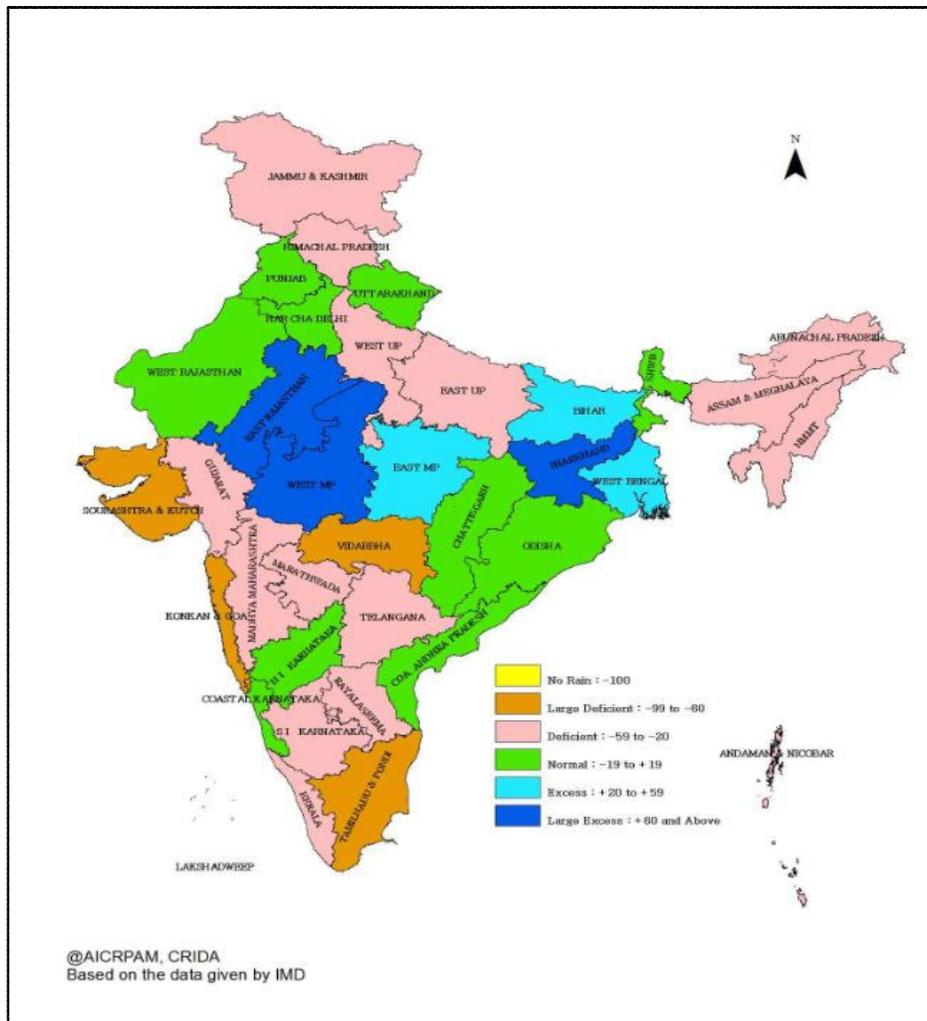


Fig. 1: Meteorological sub-division wise rainfall received during 1 March to 30 April 2019

2. Agromet advisories issued by ICAR-All India Coordinated Research Project on Agrometeorology (AICRPAM) centers during April 2019

Date of issue	AICRPAM Center	Agromet Advisory issued
05-04-2019	Kerala	<ul style="list-style-type: none"> • White powdery spots are seen on the leaves of cucurbitaceous vegetables. To control, apply 1.5 ml Tebuconazole or 0.5 ml Difenoconazole per one litre of water. After 10 days, apply 20 g of Trichoderma viride per one litre of water. • There is a chance of rhizome weevil attack in banana. As a precaution, apply neem cake @ 1 kg/plant at the time of planting.
	Tamil Nadu	<ul style="list-style-type: none"> • Current weather condition is favorable for citrus canker disease. To control, spray Copper Oxychloride 0.2% at fortnight intervals. • For protecting banana from high wind speed, mount the soil around the base of the plant.
	Marathwada	<ul style="list-style-type: none"> • For management of powdery mildew and jassids in mango, spray Hexaconazole @ 5 ml + Thiamethoxam 25 % @ 2 g per 10 litre of water. • Due to increase in temperature, farmers are advised to irrigate vegetable crops with drip irrigation.
12-04-2019	Vidarbha	<ul style="list-style-type: none"> • Under the prevailing very hot weather condition, summer crops and vegetables to be irrigated at 6 to 7 days interval in the early morning or late afternoon.
	Madhya Maharashtra	<ul style="list-style-type: none"> • Irrigation should be given to summer vegetables like okra, brinjal and cucumber at 4 to 5 days interval. • Provide sufficient water and green fodder to milch animal and provide shade to protect them from high temperature.

19-04-2019	West Bengal	<ul style="list-style-type: none"> • Continue sowing operation in jute, as there is chance of rainfall in coming days. Before sowing, seeds should be treated with Carbendazim (@ 2 to 3 g per kg of seed). • Maintain proper drainage in vegetables as rainfall is expected.
	Chhattisgarh	<ul style="list-style-type: none"> • After the harvest of <i>rabi</i> crops, prepare the fields for summer maize and try to complete the sowing during this month. • To conserve soil moisture, farmers are advised for summer ploughing. • Planting of vine vegetables like bottle gourd, watermelon and muskmelon should be ensured as this is the appropriate time.
26-04-2019	Haryana	<ul style="list-style-type: none"> • Planting of spring sugarcane crop should be completed as early as possible.
	Punjab	<ul style="list-style-type: none"> • It is the right time for the sowing of recommended varieties of cotton including Bt cotton or desi cotton. It should be done preferably during morning and evening hours. • A dry weather is expected in coming days, farmers can irrigate sugarcane crop at 7-12 days intervals. Apply 65 kg urea to ratoon crop. Apply paddy straw or rice husk or sugarcane trash @ 20-25 q/acre between the rows of sugarcane.