

**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 March 2019**

**1. General Weather Conditions**

During 1 to 31 March 2019, the country as a whole received 18.3 mm rainfall, which is 41% deficit, compared to the normal rainfall for the same period (30.9 mm). Out of 36 meteorological sub-divisions, rainfall was excess in 1 subdivision, normal in 07 subdivisions, deficient in 14 subdivisions, large deficient in 12 and no rain in 2 subdivisions. The rainfall distribution in different subdivisions during 1 to 31 March 2019 is depicted in Fig. 1

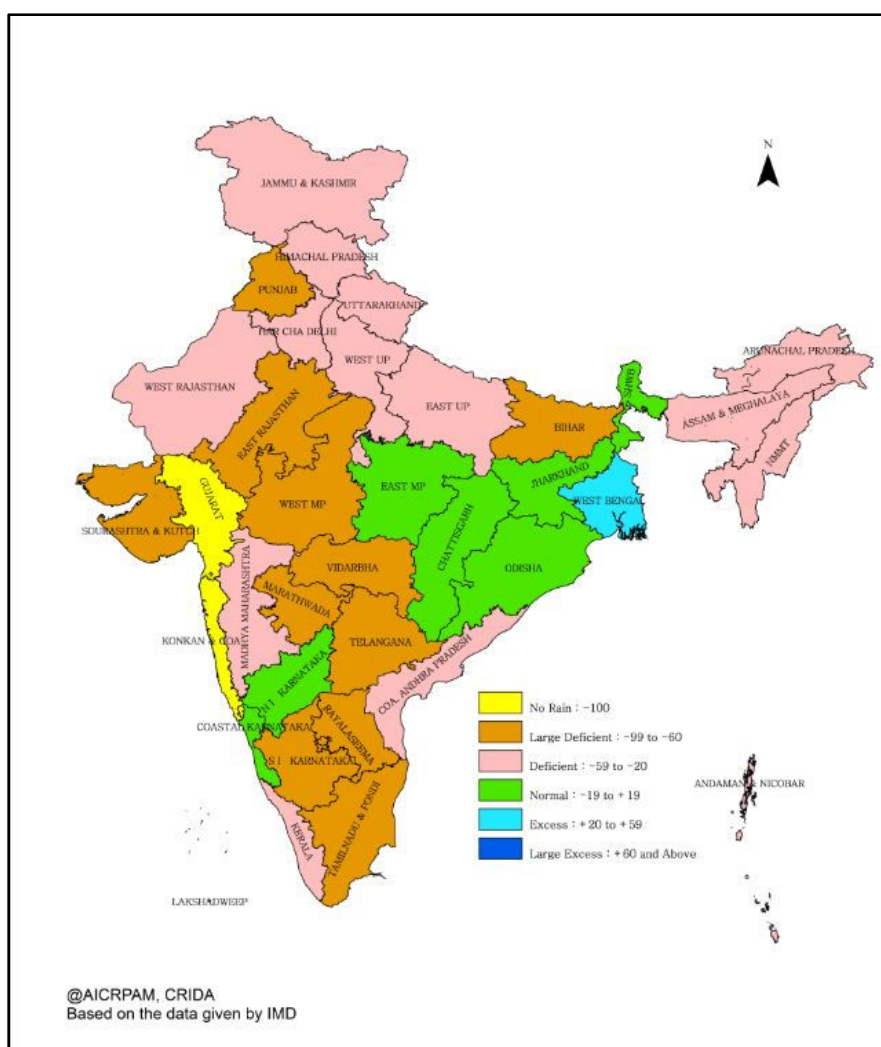


Fig. 1: Meteorological sub-division wise rainfall received during 1 to 31 March 2019

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

Date of issue	AICRPAM Center	Agromet Advisory issued
01-03-2019	Kerala	<ul style="list-style-type: none"> <li>• Farmers are advised to remove and destroy severely infected and completely dried leaves due to sigatoka disease in banana crop and spray Bordeaux mixture 1% or Mancozeb 75 WP @ 3g/litre of water.</li> <li>• Due to increase in ambient temperature, the attack of insects such as thrips, mites and white flies are more in cowpea. As a result, there is a chance of stunted growth in vegetables. This can be controlled by applying 10 grams of Verticillium in 1 litre of water or neem based insecticides.</li> </ul>
	Tamil Nadu	<ul style="list-style-type: none"> <li>• Current weather condition is favorable for citrus canker disease incidence. To control, spray Copper Oxy Chloride 0.2% at fortnightly intervals.</li> <li>• Prevailing weather condition is congenial for sucking pests like thrips and aphids infestation in chilli. To control, farmers are advised to spray, Imidacloprid 17.8% SL @ 3 ml/10 litres.</li> </ul>
	South Interior Karnataka	<ul style="list-style-type: none"> <li>• Leaf hopper and Powdery mildew disease incidence is more in mango before flowering and immediately after fruit formation. To control, spray Carbaryl 50WP @4g/litre of water or Imidacloprid @ 0.3ml/ litre of water.</li> </ul>
08-03-2019	Vidarbha	<ul style="list-style-type: none"> <li>• Sowing of summer mung (Pusa Vashaki) should be completed up to second week of March with the seed rate of 12-15 kg/ha. Treat the seed with Trichoderma @ 6g/kg of seed.</li> </ul>
	Konkan	<ul style="list-style-type: none"> <li>• If the incidence of aphids, leaf hoppers, leaf eating caterpillars, leaf minor is noticed in tomato, brinjal, chilli etc., spray Malathion 20 ml or Dimethoate 15 ml per 10 litres of water at 10 to 15 days interval.</li> <li>• Due to increasing rate of evaporation, irrigate the groundnut crop at 8-10 days interval.</li> </ul>

15-03-2019	<b>West Bengal</b>	<ul style="list-style-type: none"> <li>• Cloudy day is expected in next three days. Thus, it is advised to harvest potato crop as early as possible.</li> <li>• There is a chance of leaf-blight and collar-rot in pointed gourd. To prevent the disease, farmers are advised to apply 1ml Ridomil or Indofil-M-85 per litre of water at an interval of three weeks.</li> </ul>
	<b>Assam</b>	<ul style="list-style-type: none"> <li>• Farmers can go for ginger during this period. In order to get rid of rhizome rot, farmers are advised to go for rhizome rot treatment with Indofil M-45 @ 3g/litre for half an hour.</li> <li>• Prepare land for growing green gram and black gram crops. Sandy loam soil is more preferable. Recommended varieties are T9, Pant U 19, UG 157 for black gram and Kopergaon, Pratap, AAU 39 for green gram.</li> </ul>
22-03-2019	<b>Chhattisgarh</b>	<ul style="list-style-type: none"> <li>• To control borer in okra and brinjal, use pheromone traps @ 10 nos/acre and destroy the upper portion of affected plants.</li> <li>• Farmers are advised protect summer crops viz. paddy, groundnut, moong and vegetables from insects.</li> <li>• Attack of stem borer may be seen in summer rice. Therefore, farmers are advised to use pheromone traps @ 10 nos per acre and collect and destroy the egg clusters.</li> </ul>
	<b>Bihar</b>	<ul style="list-style-type: none"> <li>• Sowing of green gram and black gram is advised. Application of 20 kg nitrogen, 45 kg phosphorus, 20 kg potash and 20 kg sulphur/ha is advised during land preparation. Pusa Vishal, Samrat, SML 668, HUM-16 and Sona varieties for mung bean and Pant Urd-19, Pant Urd-31, Ultra and Naveen varieties of urd are recommended for sowing in North Bihar.</li> </ul>

<b>29-03-2019</b>	<b>Punjab</b>	<ul style="list-style-type: none"><li>• For the control of purple blotch in onion, spray 600 g of Indofil M-45 mixed with 200 ml of Triton or linseed oil in 200 litres of water per acre as soon as first symptom appears in the crop. The spray should be repeated at 10 days interval.</li><li>• Complete the sowing of sugarcane and use recommended varieties like CoPB-92, Co118, CoJ-85 and CoJ-64 (early maturing). CoPB-94, CoPB-93, CoPB-91, Co-238 and CoJ-88 for mid and late maturing.</li></ul>
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