

**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 August 2019**

**1. General Weather Conditions**

During 1 June to 31 August 2019, the country as a whole received 709.1 mm rainfall, which is 0% deficit, compared to the normal rainfall for the same period (710.4 mm). Out of 36 meteorological sub-divisions, rainfall was excess, normal and deficient in 7, 22 and 7 subdivisions, respectively. The rainfall distribution in different subdivisions during 1 June to 31 August 2019 is depicted in Fig. 1.

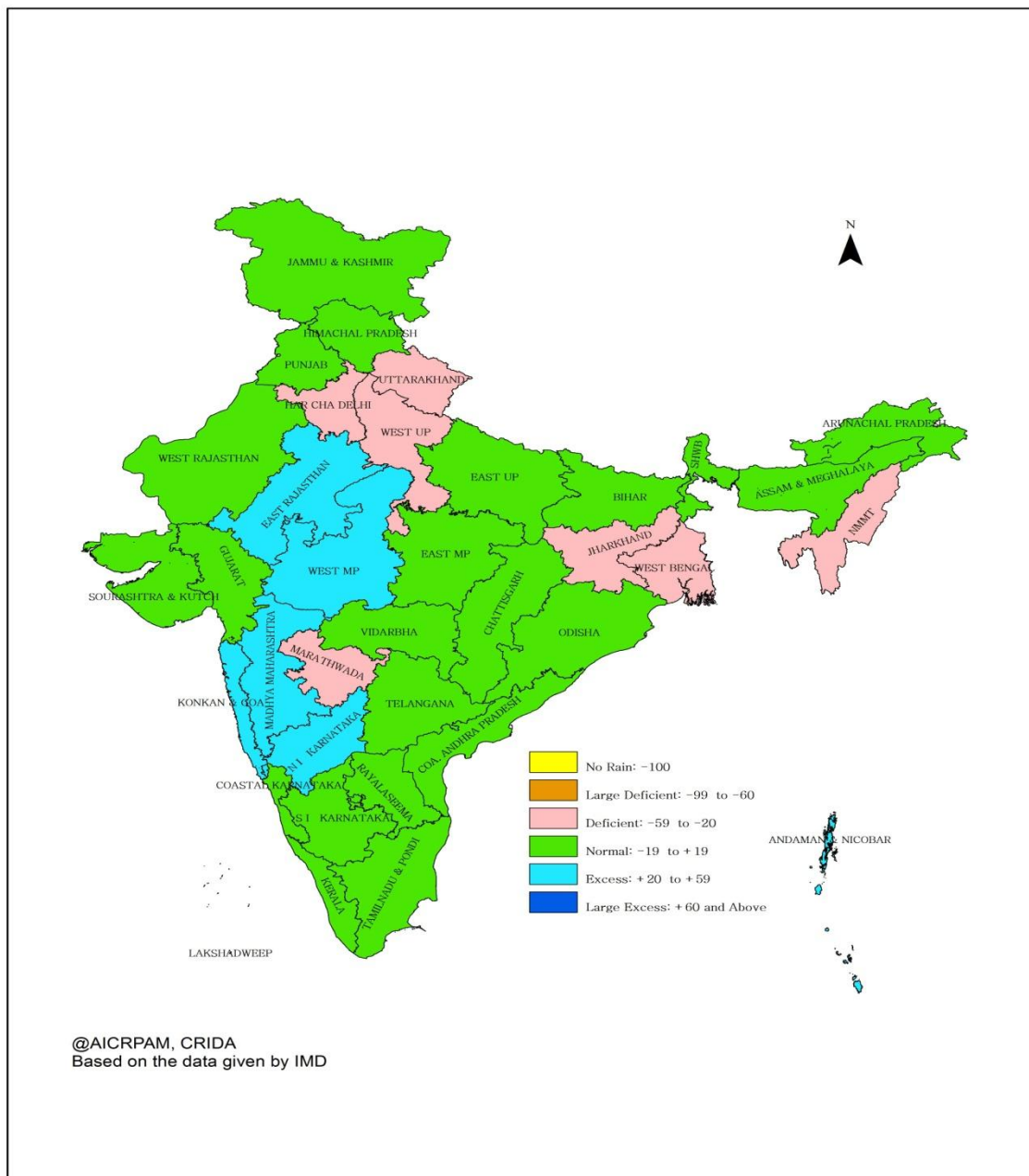


Fig. 1: Meteorological sub-division wise rainfall received during 1 August to 31 August 2019

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

Date of issue	AICRPAM Center	Agromet Advisory issued
02-08-2019	<b>Punjab</b>	Prevailing weather is favourable for the development and spread of fruit rot in chilli. Farmers are advised to give 3-4 sprays of Folicur @ 250 ml of Indofil M-45 or Blitox 50 WP @ 750 g/acre at 10 days interval during clear weather
	<b>Andhra Pradesh</b>	As the prevailing weather is favourable for incidence and spread of leaf miner and sucking pests in groundnut crop, farmers are advised to spray Monochrotophos@1.6ml/L or Chlorpyriphos @2.5ml/Lof water for control.
09-08-2019	<b>Kerala</b>	During the rainy season, there is a chance for increase in the pest population in rice. As a prophylactic measure, apply 2CC Trichogramma chilonis card per acre to control leaf folder and 2CC Trichogramma japonicum card per acre to control stem borer in paddy. Cut the cards in to small pieces and fix in different parts of the field in plastic cups. If the attack is severe, spray 3ml chlorantraniliprole per 10 litre of water.
	<b>Tamil Nadu</b>	Prevailing weather condition is favourable for occurrence of leaf folder (or) leaf roller. To control leaf folder, spray Azadirachtin 0.03% 1000 ml/ha (or) any one of the following insecticides like Chlorpyriphos 20 EC 1250 ml/ha (or) Chlorantraniliprole 18.5% SC 150 g/ha.

	<b>Jharkhand</b>	The present weather is favorable for the attack of blast disease (boat shaped brown spot appears on the leaves). The spots have ash colour in center and deep brown stripes on margin). As and when this symptom appears, immediately spray the fungicide Beam @ 3 gram per 5 liter of water during clear weather.
<b>16-08-2019</b>	<b>Jammu</b>	The present weather conditions are favourable for attack of blight in maize crop under such situation spray Mancozeb 75WP @ 0.25%.
	<b>Andhra Pradesh</b>	As present weather conditions are favourable for incidence and spread of sucking pests, leaf miner and collar rot in groundnut in Chittoor, Kadapa and Nellore districts, farmers are advised to spray Monocrotophos @ 1.6 ml/L or Imidachlopid @ 0.4 ml/L of water for control of sucking pests, <u>Chloripyriphos@2.5ml/L</u> of water for control of leaf miner and Saaf @ 3g/L or Carbendizem @ 1 g/L + Mancozeb @ 2.5 g./L of water for control of collar rot.
<b>23-08-2019</b>	<b>Vidarbha</b>	Present weather conditions are favorable for infestation of aphids and jassids. To control, spray Azadirachtin 1500 ppm @ 25 ml or Azadirachtin 0.03% (300 ppm) @ 50 ml or Imidaclopid 17.8% SL 2.5 ml or Profenofos 50% EC@ 20 ml per 10 litres water.
	<b>Konkan</b>	As there is a forecast of increase in temperatures which is congenial for vegetative flush in mango. Therefore, for protection of vegetative flush, spray Lambda cyhalothrin 5%EC@ 6ml or Quinalphos 25% EC @25 ml + Bavistin 20g per 10 litre of water.
	<b>Haryana</b>	The existing variable weather condition may favour the infestation of sucking pest. Farmers are advised to keep vigil on white fly infestation.

		<p>If infestation of white fly is above the economical threshold level (ETL), spray 1 litre of Nimbecidine mixed with 250 litre of water per acre. For control of leafhopper, spray 40 ml imidacloprid (Confidor) 200SL mixed with 120-150 litre water per acre, during clear weather condition.</p>
30-08-2019	<p><b>Madhya Maharastra</b></p>	<p>Weather is congenial for the occurrence of the leaf eating caterpillars in <i>kharif</i> sunflower, greengram, blackgram, pigeonpea etc., spray Chloropyriphos or Quinolphos @ 15-20 ml + 10 litre of water + 5 ml sticker.</p>
	<p><b>West Bengal</b></p>	<p>Under high humid and cloudy conditions, combined attack of downy mildew and mosaic may be seen in bitter gourd and point gourd. To control, apply Ridomil gold MZ @ 2 g per litre.</p>
	<p><b>Assam</b></p>	<p>During this monsoon period, farmers may observe small spindle shaped spots on foliage with greyish centre and yellowish halo running parallel to veins. To control this disease, Spray Carbendazim at first appearance followed by 4 sprays at 30 days interval.</p>