

# All India Coordinated Research Project on Agrometeorology (AICRPAM)

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## Weather conditions and Agromet advisories issued during October 2022

### 1. General Weather Conditions

During 01 October - 31 October 2022, the country as a whole received 110.6 mm rainfall, which is 49% excess, compared to the normal rainfall (74.1 mm) for the same period. Out of 36 meteorological sub-divisions, rainfall was large excess, excess, normal, deficient and large deficient in 12, 10, 10, 02 and 02 sub-division(s), respectively as depicted in Fig. 1.

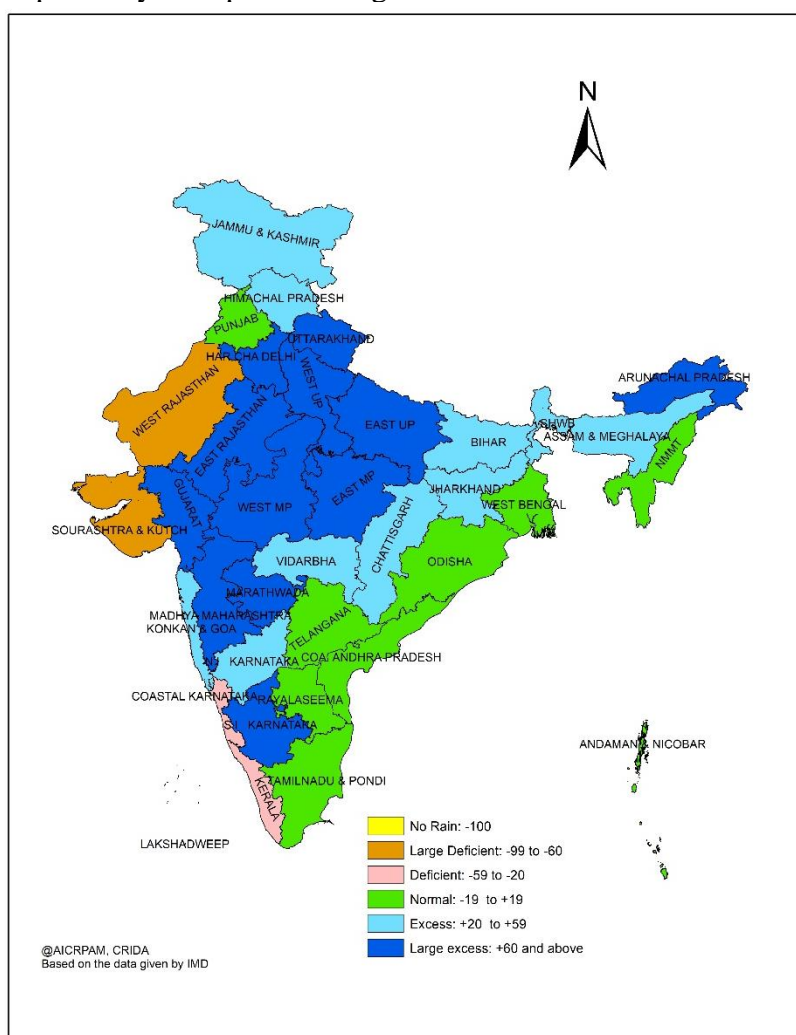


Fig. 1: Monthly rainfall status (01 October - 31 October 2022) in 36 meteorological sub-divisions, India

## 2. Agromet advisories issued by AICRPAM centers during October 2022

Date of issue	Advisory issued for the region	Agromet Advisory issued
07-10-2022	Western Uttar Pradesh	<ul style="list-style-type: none"> <li>Due to rainfall received in the past week, farmers are advised to drain out excess rain water from vegetable fields and pick up mature fruits of standing vegetables crop like brinjal and chilies and also advised for nursery raising and transplanting of new seedlings.</li> </ul>
	Eastern Uttar Pradesh	<ul style="list-style-type: none"> <li>Due to the rainfall in the previous week and forecast of medium to heavy rainfall in the next week, farmers are advised to withhold irrigation in their crop fields.</li> </ul>
	West Bengal	<ul style="list-style-type: none"> <li>Due to forecast of normal rainfall in coming next week, it is advised to harvest the matured rice cultivars as early as possible and standing water of 5 cm should be maintained in late transplanted rice field.</li> </ul>
	Hisar	<ul style="list-style-type: none"> <li>Due to prevailing dry weather condition and forecast of heavy rainfall in next two weeks, farmers are advised to pick the matured cotton boll, after complete dry (after sunrise)/complete evaporate the dew water/moisture over the cotton ball as soon as possible.</li> </ul>
14-10-2022	Assam	<ul style="list-style-type: none"> <li>Farmers may postpone the preparation of the main field for <i>rabi</i> maize due to high moisture content in the field. Those who have already planting the seed in the main field are suggested to ensure the drainage system in the field so that excess rainfall water drains out from the field.</li> </ul>
	Tamil Nadu	<ul style="list-style-type: none"> <li>Prevailing weather condition are congenial for aphid and leaf hopper incidence in pulses. Farmers are advised to go for foliar spray Enamectin benzoate 5% SG 220 g/ha.</li> </ul>
	Odisha	<ul style="list-style-type: none"> <li>Present high temperature and humidity condition, favors infestation of sucking pest in different crops. For management, it is advised to go for spraying of neem-based pesticide (Neem Oil 1500 ppm) @ 600 ml/acre by mixing it in 200 litres of water.</li> </ul>
	Marathwada	<ul style="list-style-type: none"> <li>Due to forecast of heavy rainfall in next two weeks, farmers are advised that after getting rainfall remove excess amount of water stagnated in standing crop fields by proper drainage, and also postponed spraying operations.</li> </ul>

<b>21-10-2022</b>	<b>Vidarbha</b>	<ul style="list-style-type: none"> <li>To reduce the fruit drop in mandarin orange (Ambia bahar), it is advised to spray of 1.5 g Gibberellic acid + 100 gm Carbendazim 50% WP per 100 liters of water during clear weather at 15 days interval.</li> </ul>
	<b>Marathwada</b>	<ul style="list-style-type: none"> <li>Due to rainfall and cloudy weather condition, leaf spot, rhizome fly and rhizome rot is observed at many places in turmeric crop. For management, it is advised to spray of Carbendazim 50% @ 400 g or Mancozeb 75% @ 500 g or Copper oxychloride 50% @ 500 g per acre along with sticker during clear weather condition.</li> </ul>
	<b>Uttarakhand</b>	<ul style="list-style-type: none"> <li>Under prevailing weather condition, preparation of nursery beds and sowing of onion is advised. Seed treatment should be done before sowing.</li> </ul>
	<b>Chhattisgarh</b>	<ul style="list-style-type: none"> <li>Due to the possibility of light rainfall in the next two weeks in Chhattisgarh plains, farmers are advised not to spray pesticides.</li> </ul>
<b>28-10-2022</b>	<b>Bihar</b>	<ul style="list-style-type: none"> <li>Due to the availability of sufficient soil moisture, farmers are advised for field preparation and planting of crops like potato, mustard, cabbage and cauliflower, lentil and pea.</li> </ul>
	<b>Kerala</b>	<ul style="list-style-type: none"> <li>During cloudy situation, there is a chance of leaf folder infestation in paddy. It can be controlled using Trichogramma cards (2CC per one acre). Cut the cards in to small pieces and fix in different regions of the field. If the attack is severe, spray Quinalphos @ 2ml per one litre of water.</li> </ul>
	<b>Jammu</b>	<ul style="list-style-type: none"> <li>Farmers may go for sowing of mustard (var. <i>Pusa Bold</i>, <i>RSPR-01</i>, <i>RSPR-03</i>, <i>Kranti</i>) at optimum soil moisture (<i>vattar</i> condition) of soil.</li> </ul>
	<b>Assam</b>	<ul style="list-style-type: none"> <li>Farmers are advised to continue land preparation for cultivation of potato with recommended varieties like <i>Kufri Chandramukhi</i>, <i>Kufri Jyoti</i>, <i>Kufri Megha</i>, <i>Kufri Sindhuri</i>, <i>Kufri Pukhraj</i> etc.</li> </ul>