

All India Coordinated Research Project on Agrometeorology (AICRPAM)

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Weather conditions and Agromet advisories issued during November 2021

1. General Weather Conditions

During 01 October - 30 November 2021, the country as a whole received 157 mm rainfall, which is 48% excess, compared to the normal rainfall (106 mm) for the same period. Out of 36 meteorological sub-divisions, rainfall was large excess, excess, normal and deficient in 15, 12, 04 and 05 sub-division(s), respectively as depicted in Fig. 1.

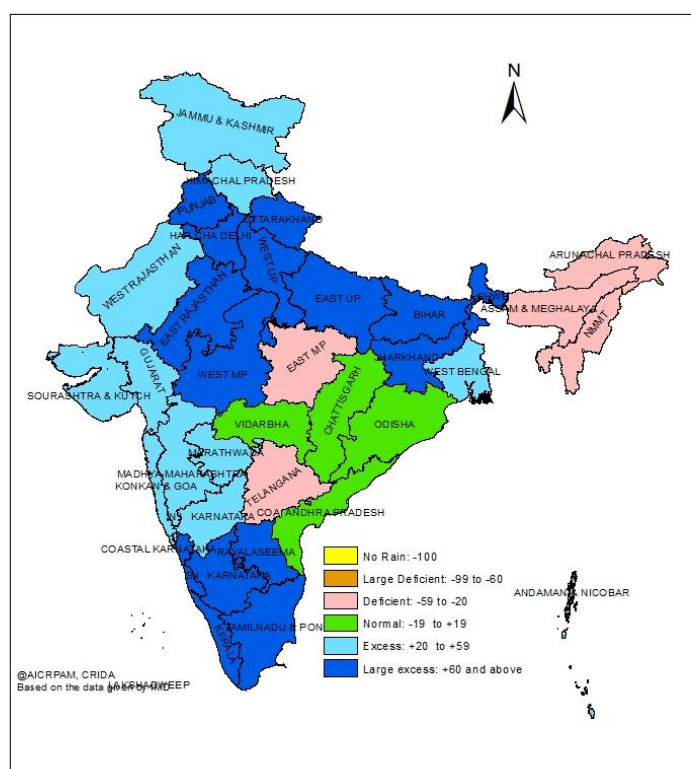


Fig. 1: Meteorological sub-division wise rainfall received during 1 October to 30 November 2021

2. Agromet advisories issued by AICRPAM centers during November 2021

Date of issue	Advisory issued for the region	Agromet Advisory issued
05-11-2021	Tamil Nadu	Prevailing weather condition is congenial for incidence of shoot fly in sorghum. To manage, it is advised to apply Methyl Demeton 25 EC @ 500 ml per ha or Dimethoate 30 EC @ 500 ml per ha under clear weather conditions.
	Marathwada	Under prevailing dry weather condition, it is advised to spray Carbendazim 50 WP @ 10 G or Propiconazole 10% EC @ 10 ml per 10 liters of water along with sticker to control Sigatoka disease in banana,
	Hisar	Under the prevailing dry weather and favorable temperature, farmers are advised to go for sowing of timely sown wheat varieties: Recommended varieties are <i>WH 283, WH 542, DBW 17, WH 711, WH 1105, HD 3086, and HD 2967</i> .
	Jammu	Under prevailing weather conditions, farmers are advised to complete the sowing of mustard by this week. If weather is clear, they are advised to go for intercultural operations like weeding and hoeing.
12-11-2021	Konkan	Due to dry weather conditions prevailed in the previous week and above normal rainfall forecast for next two weeks, farmers are advised to complete the harvesting in the rice/paddy and finger millet and store them in safe places.
	Kerala	Due to high relative humidity, there is a chance of downy mildew incidence in cucurbitaceous vegetables. If found, they are advised to spray 2.5 G Mancozeb per one litre of water under the leaves during clear sky weather.
	Madhya Maharashtra	Under prevailing dry weather condition, pod borer incidence is found in chickpea. So, they are advised to go for pheromone trap @5 per ha.
	Gujarat	Under prevailing dry weather condition, there is a chance of grubs of stem borer in mango. For management, it is advised collect and kill them and fill the holes with Chlorpyrifos 20 EC @ 25 ml per 10 litres water and plug them with mud.
	Punjab	It is the optimum time for transplanting of late season varieties of cauliflower and also the best time for sowing of spinach, fenugreek, coriander, radish, turnip and main season varieties of pea.
	Vidarbha	Under prevailing weather condition, nursery sowing of onion is advised. Recommended white onion varieties are <i>Akola safed, Phule safed, Yashoda, Bhima Shweta</i> ; Red onion varieties: <i>Pusa Red, Niphad 53, Agrifound light red, N 2-4-1, Arka Pragti</i> .

19-11-2021	Chhattisgarh	As per the weather forecast, there is a possibility of light to moderate rain and cloudy weather in most places in the coming days. Therefore, farmers are advised that do not harvest <i>kharif</i> paddy crop. If harvested, then crop should be kept in dry and safe places.
	Himachal Pradesh	For conservation of soil moisture and maintaining the soil temperature, it is advised to add mulch material in space between two rows of vegetables crops. Addition of mulch also prevents the growth of weeds.
	West Bengal	Because of rainfall from last two-three days, it is advised that already harvested rice should be dried in the field for 2-3 days and thereafter threshing should be done.
26-11-2021	South Interior Karnataka	Under prevailing weather condition, sowing of horse gram- (var. <i>PHG-9</i> , <i>KBH-1</i> , <i>Niger</i>); field bean (var. <i>HA-3</i> and <i>4</i>) and sunflower (var. <i>KBSH-1</i> , <i>41</i> , <i>42</i> , <i>44</i> and <i>53</i>); cowpea (var. <i>KBC-1</i> , <i>TVX-944</i> and <i>PKB-4</i>) for vegetable purpose is advised.
	Eastern Uttar Pradesh	Intercultural operation is advised to check the evapotranspiration losses and proper utilization of nutrient to the crop.
	Chhattisgarh	As per the weather forecast, there is a possibility of light to moderate rain and cloudy weather in most places in the coming days. Therefore, farmers are advised that do not harvest <i>kharif</i> paddy crop. If harvested, then crop should be kept in dry and safe places.
	West Uttar Pradesh	As per forecast clear weather appearing from coming week. Therefore, farmers are advised harvest mature paddy crop.
	Assam	Farmers who have already planted the potato, it is advised to adopt mulching under rainfed condition by using water hyacinth as mulch material to increase the tuber yield and also reduces rodent damage to tubers.
	Odisha	Due to rain and overcast condition since few weeks, there is a chance of ear head caterpillar infestation in paddy. To manage, it is advised to spray Chlorpyrifos 50% + Cypermethrin 5% EC @ 400 ml/acre or Lambda cyhalothrin @ 400 ml/acre.