

ICAR-Central Research Institute for Dryland Agriculture,
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1. General Weather Conditions

Fig. 1: Seasonal rainfall status (01 March - 30 April 2022) in 36 meteorological sub-divisions, India

2. Agromet advisories issued by AICRPAM centers during April 2022

Date of issue	Advisory issued for the region	Agromet Advisory issued
01-04-2022	Konkan	Due to dry weather and increase in temperature, it is advised to provide irrigation in areca nut orchard at 3-4 days interval.
	Eastern Uttar Pradesh	To prevent premature mango fruit drop, it is advised to spray Naphthalene Acetic Acid @ 20g/litre of water.
	Assam	Under assured irrigation facilities, farmers may continue nursery sowing of autumn rice (<i>ahu</i> rice) seeds. Recommended semi-dwarf varieties are IR-36, Lachit, Chilarai, Dishang etc. for obtaining higher yield.
	Chhattisgarh	Due to increased temperature, farmers are advised to provide irrigation in sugarcane crop as per need.
08-04-2022	South Interior Karnataka	To protect the pulse grains from storage pests, it is advised to apply oils of castor/ linseed/honge/neem oil @ 3-5 ml per kg of grains.
	Kerala	An increase in temperature results in the dropping of flowers in tomatoes. To reduce flower drops, mulching and watering of the tomato crop are advised.
	Western Uttar Pradesh	Due to the dry weather condition, farmers are advised to maintain the soil moisture in <i>zaid</i> maize.
	Vidarbha	Due to hot/dry weather conditions, spraying of antitranspirant (Kaolin 5%) is advised to reduce the leaf temperature and minimize water loss from the orchard trees.
15-04-2022	Tamil Nadu	Under prevailing weather conditions, it is advised to provide adequate clean water and balanced diet to the fowls to avoid heatstroke.
	Madhya Maharashtra	To reduce the rate of evapotranspiration in fruit crops like grape, pomegranate, mango and sapota and to maintain soil temperature in the orchard, mulching with sugarcane trash or farm waste @ 5 to 7 tons per ha is recommended.
	Hisar	Under prevailing hot weather conditions, farmers are advised to maintain good amount of water in pond to save fishes from variable weather.
	Odisha	Under prevailing weather condition, it is advised to harvest the mature produce like cauliflower, cabbage, tomato, chilli, cucurbits.

22-04-2022	Madhya Maharashtra	For the management of sucking pest in green gram, spraying of Neem oil @ 50 ml or Beauveria bassiana @ 50 g in 15 litres of water is advised.
	Jammu	For the management of fruit fly in vegetable crops, it is advised to spray Malathion @ 1.5ml/litre of water during clear weather conditions.
	Andhra Pradesh	Present weather conditions are favorable for the incidence of hopppers and thrips in mango in Nellore, Guntur, Kurnool, Prakasam and Ananthapuramu districts. To control, farmers are advised to spray Imidacloprid @ 0.3 ml/litre of water.
	Madhya Pradesh	The increase in day temperature may cause cracking of fruits. To avoid this, farmers are advised to apply irrigation regularly at 4-5 days intervals.
29-04-2022	Parbhani	Due to increase in maximum temperature, water stress may occur in fruit orchard and vegetable crops. To prevent, irrigation management is advised as per requirement of the crops.
	Chhattisgarh	In summer paddy farmers are advised to control stem borer by spraying Rynaxypyr 20% SC @ 150 g/ha or Fipronil 5% SC @ 1 litre/ha.
	Uttarakhand	Under prevailing dry weather condition, it is advised to apply need-based irrigation to standing field crops/vegetable crops and also postpone the application of pesticides and weedicides as strong winds are prevailing.
	Punjab	Fruit drop is increasing with rise in temperature. Continuously keep the soil moist in peach and plum orchards. In citrus, litchi and mango, apply light and frequent irrigations.