



AGROMET ADVISORY BULLETIN

GRAMIN KRISHI MAUSAM SEWA, AMFU, RAHURI

DEPARTMENT OF AGRONOMY, MPKV, RAHURI.



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92) Weather based Agromet Advisory committee meeting dated 14.01.2025

District: Ahmednagar

Last Week Weather Summary (07.01.2025 to 13.01.2025)							Weather Parameters	Weather Forecast (15.01.2025 to 19.01.2025)				
07	08	09	10	11	12	13	Date	15	16	17	18	19
0	0	0	0	0	0	0	Rainfall (mm)					
29	27.6	27	27	27.2	26.8	26.8	Max. Temp. (0C)					
8.3	8.1	7.5	8.1	7.7	8.5	8.7	Min. Temp. (0C)					
0	0	0	0	0	4	4	Cloud Cover					
40	51	61	58	60	74	69	Max. RH (%)					
43	44	42	45	52	48	56	Min. RH (%)					
0.9	1.1	1.3	1.2	1.1	1.6	1.5	Wind Speed(km/hr)					

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary		According to the weather forecast from the Regional Meteorological Center, Mumbai, the next five days are likely to be dry.
General Advisory		Use Meghdoot mobile app for weather based crop advisory and prediction.
SMS Advisory		Onion crop is affected by thrips and blight disease due to the current cloudy weather, for this spray the crop with Lambhacyhalothrin 6 ml or Tebuconazole 10 ml + Sticker 10 ml per 10 liters of water at an interval of 10 to 15 days with a simple hand pump as per requirement.
Wheat	Tillering	If the incidence of apphid pest in wheat crop, spray thiomethoxam 25 WG 1 g per 10 liters of water when the weather is dry.
Chickpea	Branching	For the management of <i>Helicoverpa</i> worm, neem oil @ 50 ml or <i>Beauvaria bassiana</i> @ 50 g per 15 liters of water should be sprayed. If the incidence of pod borer in Chickpea crop, spray the crop with 5% Neem extract or <i>Helioquil</i> at 500 ml (for one ha) per 500 liters of water during clear weather. If the larva in large size, spray 4 g of Emamectin Bezoate 5% per 10 liters of water.
Maize	Development stage	For control of fall armyworm spray Indoxacarb 15.8 EC @ 10 ml or Emmamectin benzoate 5 SG @ 3 g per 10 liters of water.
Pigeonpea	Storage	Before storage, dry grains should be stored in bags or in a dry place for 5 to 6 days in sun. If possible, store neem leaves mixed with 5% grains. Grain should not be stored in damp and damp places.
Citrus		Spray the crop with Thiamethoxam 25 WG @ 1 g per 10 liters of water as soon as incidence of aphids, psylla and leaf minor is noticed.
Onion		Onion crop is affected by thrips and blight disease due to the current cloudy weather, for this spray the crop with Lambhacyhalothrin 6 ml or Tebuconazole 10 ml + Sticker 10 ml per 10 liters of water at an interval of 10 to 15 days with a simple hand pump as per requirement.
Tomato		If the incidence of early blight (on leaves and fruit) and various fungal infections of tomato fruit is observed, diseased leaves and lying fruits on ground should be collected and burnt properly, they should not be thrown on the embankment or next to the tomato plot. Spray the crop with Mancozeb 25 g or tebuconazole 10 ml or metalaxyl + copperoxychloride 25 g per 10 liters of water with a simple hand pump at 10-15 days intervals as required for control of fruit rot and late blight.



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		For control of fruit borer, spray Cypermethin 10 EC 10 ml or Emamectin Bezoate 5 WG 4 g or Chlorentanlyprole 18.5 SC 3 ml or Palubendamide 39.35 SC 3 ml per 10 liters of water. 5% Neem extract should be sprayed intermittently during the above spraying.
Chilli		Leaf curl on chillies is a viral disease. The disease is spread by insects such as thrips, whiteflies and mites. To control this pest, initially spray Lambda Cyhalothrin 6 ml per 10 liters of water. Spray Fipronil 15 ml for control of thrips and Fenazaquin 20 ml per 10 liters of water with a simple hand pump for mites control.
Garlic		There is a possibility that there will be an increase in the incidence of thrips and white mites on the crop. Spray the crop with Fipronil 5SC at 15 ml per 10 liters of water with a simple hand pump as soon as the moth infestation appears. As the heat is increasing now, there is a possibility that the infestation of mite will increase on garlic. For this, one of the insecticides Fenparoximate 5 EC 180 ml or Pennaxquin 10 EC 25 ml should be sprayed with a simple hand pump.

Source:

- 1) Weather Forecast : RMC, Mumbai
2) Last week weather summary : Agromet Observatory, WMP, MPKV, Rahuri.

Place : MPKV, Rahuri

Date : 14.01.2025

Sd/-

**Nodal Officer, GKMS, AMFU Rahuri &
Head, Department of Agronomy, MPKV, Rahuri.**