



AGROMET ADVISORY BULLETIN

GRAMIN KRISHI MAUSAM SEWA, AMFU, RAHURI

DEPARTMENT OF AGRONOMY, MPKV, RAHURI.



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102) Weather based Agromet Advisory committee meeting dated 18.02.2025

District: Dhule

Last Week Weather Summary (11.02.2025 to 17.02.2025)							Weather Parameters	Weather Forecast (19.02.2025 to 23.02.2025)				
11	12	13	14	15	16	17	Date	19	20	21	22	23
							Rainfall (mm)	0	0	0	0	0
							Max. Temp. (0C)	36	36	35	34	34
							Min. Temp. (0C)	16	16	15	14	14
							Cloud Cover	0	1	1	0	1
							Max. RH (%)	50	44	42	40	34
							Min. RH (%)	31	28	28	25	25
							Wind Speed (km/hr)	5.5	4.5	3.1	4.2	5.2

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary		According to the weather forecast from the RMC, Mumbai, sky will remain dry during next five days.
General Advisory		Use Meghdoot mobile app for weather based crop advisory and prediction.
SMS Advisory		Groundnut: Spray Dimethoate 30 EC @ 17 ml per 10 liters of water for control of thrips and aphids.
Stored grains	Storage	The grains of the harvested crops should be properly dried by retaining moisture percentage of cereals 11-12%, pulses-9%, oilseeds-8% and vegetable seeds 5-6% for long storage & also minimizes the store pest damage
Chickpea	Harvesting	The mature rainfed Chickpea should be harvest in time and thresh it and store properly after sun drying. Harvesting of chickpea should be done at 14 to 16% moisture content in the grain to avoid harvesting losses.
Chickpea	Pod Development	If the instar pod borer 3 rd larvae observed in Chickpea, then spray with Emamectin benzoate 5 % G @ 4 g in 10 liter of water (200 liter water per acre). Uproot and destroy the diseased and dried plants. If the stunt disease observed in Chickpea then management of sucking pest should be carried out.
Maize	Dough	Control of American Fall Army Worm: At the initial growth stages of larva (i.e. up to the 1 to 3 instar) spray the crop with 5% NSK Extract @5 ml per liter of water. Do not give green maize fodder to cattle's immediate after spraying of insecticide and do not use this green maize fodder for silage making immediate after spraying.
Safflower	Flowering Stage	Due to the cloudy and humid weather over the past week, there is a likelihood of blight disease in safflower. For its control, spray a combined fungicide of Carbendazim + Mancozeb at 2 grams per liter of water. Additionally, for the control of pod borer in safflower, spray Fenvalerate 20 EC at 5 ml per 10 liters of water.
Wheat	Panicle formation stage	At present, the panicles are out. In such a case irrigation should be given when there is no wind. Because of that there is a possibility logging in wheat crop. The crop should not be irrigated by sprinkler irrigation after the emergence of panicles. Because of this, the luster of the wheat grains decreases and the quality decreases. Spray the crop with Thiamethoxam (25 WG) at 1 gram or Acetamiprid (20 SP) at 5 grams per 10 liters of water for the control of aphids.



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Groundnut	Seedling	Gap filling should be done if required. At intervals of 10 to 12 days, 2 to 3 hoeing should be done and 2 weeding should be given. Spray Dimethoate 30 EC @ 17 ml per 10 liters of water for control of thrips and aphids.
Vegetable crops		The first dose of nitrogen fertilizer as per the crop wise recommendation should be given after weeding the vegetable crop planted in January.
Animal Husbandry		Due to the rising in temperatures, keep animals in shade and give them plenty of clean and cold water to drink. Give them green grass, protein-fat bypass supplement, mineral mixture and salt. Make them graze during cooler hours. Cover the shed roof with straw, Also, paint the walls white or plaster with dung-mud to reduce temperature.

Source:

- 1) Weather Forecast : RMC, Mumbai
- 2) Last week weather summary :

Place : MPKV, Rahuri

Date : 18.02.2025

Sd/-

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