



AGROMET ADVISORY BULLETIN

GRAMIN KRISHI MAUSAM SEWA, AMFU, RAHURI

DEPARTMENT OF AGRONOMY, MPKV, RAHURI.



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94) Weather based Agromet Advisory committee meeting dated 21.01.2025

District: Dhule

Last Week Weather Summary (14.01.2025 to 20.01.2025)							Weather Parameters	Weather Forecast (22.01.2025 to 26.01.2025)				
14	15	16	17	18	19	20	Date	22	23	24	25	26
							Rainfall (mm)	0	0	0	0	0
							Max. Temp. (0C)	31	31	30	31	31
							Min. Temp. (0C)	15	16	14	14	13
							Cloud Cover	2	4	1	0	0
							Max. RH (%)	62	58	57	56	52
							Min. RH (%)	43	45	49	40	42
							Wind Speed(km/hr)	3	1	3	5	5

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		Maize Chemical Control for fall armyworms: Spray 10 ml Indoxacarb 15.8 EC or 3g Emamectin benzoate 5 SG per 10 lit. of water.
Pigeon pea	Storage	Drying of pigeon pea grains up to 5-6 days under sunlight and then it storage in gunny bags or storage structure. If possible mix 5 % green neem leaves in storage grains of pigeon pea. Pigeonpea grains should not storage in moist and humid place.
Chickpea	Pod Formation	Due to cloudy weather there is a possibility of incidence of gram pod borer. for control Install 5 pheromone traps per hectare. This traps a large number of moths and restricts further breeding. also, install T-shape bird perches in field at a distance of 15-20 meters. For control, take spray of neem extract at the rate of 5%.
Maize	Vegetative Growth	American fall army worm control measures: Mechanical method: Eggs, larvae fall armyworms should be removed and destroyed by mixing them in kerosene. Collect and destroy large numbers of male moths using pheromone traps. Chemical Control: Spray 10 ml Indoxacarb 15.8 EC or 3g Emamectin benzoate 5 SG per 10 lit. of water.
Wheat	Flowering to milking	Apply irrigation to Wheat crop at 60 to 65 days after sowing of crop during flowering to milking stage. Due to partially cloudy weather there is possibility of rust thus to control spray the crop with Mancozeb @1.5 kg per 500 liters of water.
Rabi Sorghum	Grain filling	Protect matured sorghum crop from Birds.
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.
Summer Groundnut	Pre sowing preparation	Pre-sowing irrigation should be done to ensure that sowing can be done in the third week of January. Procured Groundnut seed of improved varieties like Phule Unnati, T.A.G-24, T.G-26, T.P.J-41, JL-501 etc.



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		Summer groundnut should be sown between 15 th January and 15 th February 2023 but to avoid sowing till temperature raise up to or above 18 degree Celsius. Prepare land for summer groundnut and apply FYM @ 5 ton/ha.
Onion	Vegetative Growth	Spray the crop with Dithane M-45 (0.3%) or Tebuconazole (0.1%) alternately with 10 to 15 days interval for the control of Blight disease.
Animal Husbandry	-	As temperature fall observed, farm livestock should be protected from exposure to cold particularly during night time to protect from pneumonia. Protect it from cold winds by hanging curtain from outside the shed.
Poultry	-	Protect poultry birds from cold winds by hanging curtain from outside the poultry shed. Use of electric bulbs for heat is advisable. Increase feed to poultry birds by including energy and protein rich minerals.

Source:

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

Place : MPKV, Rahuri

Date : 21.01.2025

Sd/-

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