



AGROMET ADVISORY BULLETIN

GRAMIN KRISHI MAUSAM SEWA, AMFU, RAHURI
DEPARTMENT OF AGRONOMY, MPKV, RAHURI.



Ph. No. 02426 243239

E-mail: rahuri.amfu@gmail.com

08) Weather based Agromet Advisory committee meeting dated 28.03.2025

District: Ahmednagar

Last Week Weather Summary (21.03.2025 to 27.03.2025)							Weather Parameters	Weather Forecast (29.03.2025 to 02.04.2025)				
21	22	23	24	25	26	27	Date	29	30	31	01	02
0	0	0	0	0	0	0	Rainfall (mm)	0	0	0	8	10
35.6	35.8	36.8	36.2	37.2	37.4	38.2	Max. Temp. (0C)	38	39	40	39	38
15.3	15.7	16.1	15.7	16.5	16.7	17.7	Min. Temp. (0C)	19	20	21	22	23
0	0	0	0	0	0	2	Cloud Cover	1	1	3	5	5
63	65	58	66	55	65	66	Max. RH (%)	46	45	42	42	42
29	23	24	33	33	32	36	Min. RH (%)	24	25	26	25	26
1.3	1.4	1.2	1.3	1.4	1.4	1.4	Wind Speed (km/hr)	10	11	8	5	8

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary		According to the weather forecast from the RMC, Mumbai, sky will remain cloudy during 1 & 2 April and there is a possibility of light rain at isolated places.
General Advisory		Use Meghdoot mobile app for weather based crop advisory and prediction.
SMS Advisory		Grass/ crop residues/ polyethylene should be used as mulching to save soil moisture.
Harvested Rabi crops	Harvesting	Plowing should be done immediately in the area of harvested <i>rabi</i> crops so that mulch residues of field crops etc. are buried in the ground.
Harvested Crop	Storage	Castor / linseed / karanj / neem oil @ 3 – 5 ml per kg of pulses should be used to protect pulses from storage insects. 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
Groundnut	Peg Formation	Drum rolling maybe carried out with empty 200 liters of drum over the crop at 45 and 55 days after sowing to enhance pegging and pod formation.
Tomato / Chilli		Install 16 pheromone lure trap per acre for mass trapping of fruit borer at 20 days after transplanting.
Mango		Find grubs of stem borer from gallery and holes on the stem and kill them with help of iron hook. Then pour Chlorpyrifos 20 EC @ 25 ml per 10 liters of water in hole and plug it with mud.
Brinjal		Spray Chlorpyrifos 20 EC @ 20 ml or Emamectin benzoate 5 SG @ 3 g or Chlorantraniliprole 18.5 SC @ 3 ml or Cypermethrin 10 EC @ 10 ml or Lambdacyhalothrin 5 EC @ 5 ml per 10 lites of water for control of Shoot and Fruit borer.
Sapota		Spray Lambda-cyhalothrin 5 EC @ 10 ml or Profenofos + %40 Cypermethrin %4EC (44EC) @ 20ml per 10liters of water to control bud borer and chiku moth.
Fruit Crops		Rising temperatures cause water stress in fruit crops, which may increase the incidence of mites. If pest infestation is detected, spray insecticides on the advice of an agronomist.
Vegetable Crops		Rising temperatures cause water stress in vegetable crops, which may increase infestations of red mites, whitefly or Leaf hopper. If pest infestation



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		is detected, spray insecticides on the advice of an agronomist.
Animal Husbandry		Keep animals in shade and give them plenty of clean and cold water to drink. Do not make them work between 11 am to 4 pm. 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.
Poultry		Provide curtains and proper ventilation in poultry house. Also, paint the walls white or plaster with dung-mud to reduce temperature.

Source:

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

Place : MPKV, Rahuri

Date : 28.03.2025

Sd/-

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