



AGROMET ADVISORY BULLETIN

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



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19) Weather based Agromet Advisory committee meeting dated 05.05.2026

District: Ahilyanagar

Last Week Weather Summary (28.04.2026 to 04.05.2026)							Weather Parameters	Weather Forecast (06.05.2026 to 10.05.2026)				
28	29	30	01	02	03	04	< Dates >	06	07	08	09	10
0	0	0	0	0	0	0	Rainfall (mm)	0	0	8	5	0
41.2	40.4	40	39.2	37.8	38.2	38.8	Max. Temp. (0C)	39	40	39	40	40
19.3	19.1	19.5	18.7	18.1	18.3	18.7	Min. Temp. (0C)	21	22	23	22	21
0	0	0	0	0	0	0	Cloud Cover	0	1	3	3	2
64	60	61	63	64	60	63	Max. RH (%)	62	54	46	47	40
23	25	27	31	28	30	29	Min. RH (%)	11	13	13	14	12
1.6	1.8	2.1	2.3	2.3	2.1	2.1	Wind Speed (km/hr)	12.1	14.7	12.5	9.1	12

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary		According to the weather forecast received from the Regional Meteorological Centre, Mumbai, the weather is expected to remain dry for the next five days. Also there is a possibility of light rains at isolated places during 8 & 9 May.
General Advisory		<ol style="list-style-type: none"> Mulching: To maintain soil moisture amidst rising temperatures, use grass, crop residue, straw, or polyethylene as mulch. Light Irrigation: Provide light irrigation as needed to prevent water stress. Drip Irrigation: Use drip irrigation where possible to maintain moisture directly at the root zone. Irrigation Frequency: Increase water application during sensitive growth stages. Critical Stages: Do not allow water stress during the flowering or fruiting stages. Avoid Inter-cultivation: Avoid deep tillage or hoeing during periods of extreme heat, as this leads to rapid loss of soil moisture.
SMS Advisory		There is a possibility of light rains at isolated places during 8 & 9 May.
Vegetables		Since there is a possibility of rain, harvest matured vegetable crops as soon as possible. Ensure that the harvested vegetables are stored in a safe and dry place.
Fruit Crops		Due to the likelihood of rain, mature fruits should be picked or harvested immediately. Once harvested, keep the fruits in a protected location.
Field Crops		In view of the rain forecast, any harvested crops should be moved to a safe and secure place to prevent damage.
Onion	Storage	Due to high temperature and low humidity in onion storage house, there is a decrease in weight. Temperature and humidity in the storage room need to be considered. Therefore, storage losses can be reduced by limiting the temperature and humidity to some extent by designing the storage room using natural ventilation.
Summer Groundnut	Pod formation	Do not allow water stress during the pod development stage (65 to 70 days). Provide protective irrigation as required during this phase.
Sugarcane	Growth Stage	Sugarcane requires 9.33 liters of water daily. For this, run a drip irrigation system (with a 4-liter dropper) for 2 hours and 20 minutes every day. Inter-cultivation: 16 to 18 weeks after planting Suru sugarcane, apply



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		chemical fertilizers, break the ridges using a crowbar tool, and perform "Big Earthing-up" (Motthi Bandhani) using a Ridger. Fertilizer Dose (per hectare) during Earthing-up: Nitrogen: 136 kg (Urea: 295 kg) Phosphorus: 85 kg (Single Super Phosphate: 531 kg) Potash: 85 kg (Muriate of Potash: 142 kg)
Fruit crops		Ensure standing fruit crops do not suffer from water stress by providing light irrigation. Protect newly planted grafts and saplings from the sun. Apply Bordeaux paste or lime wash (white color) to the trunks of fruit trees. This reflects solar radiation and prevents the bark from cracking.
Vegetables crops		Provide shade for recently transplanted seedlings. Create barriers on field boundaries to block hot winds. Temporary Green Nets can be installed along the edges of the field.
Creepers vegetables		Provide shade to the vines and fruits where possible. Install windbreaks or green nets on field borders to mitigate the impact of hot winds.
Livestock Management		Keep animals in the shade and provide plenty of clean, cool drinking water. Avoid heavy labor/work for animals between 11:00 AM and 4:00 PM. Feed animals green fodder, protein-rich diets, mineral mixtures, and salt. Graze animals only during the cooler parts of the day (morning or evening). Cover the stable roof with straw. Paint walls white or plaster them with dung/mud to lower the internal temperature.
Poultry Management		Ensure proper curtains and adequate ventilation in the poultry shed. Paint the walls white or use a mud/ dung plaster to keep the shed cool.

Source:

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

Place : MPKV, Rahuri

Date : 05.05.2026

Sd/-

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