



# AGROMET ADVISORY BULLETIN

## GRAMIN KRISHI MAUSAM SEWA, AMFU, RAHURI

### DEPARTMENT OF AGRONOMY, MPKV, RAHURI.



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#### 14) Weather based Agromet Advisory committee meeting dated 17.04.2026

**District: Ahilyanagar**

Last Week Weather Summary (10.04.2026 to 16.04.2026)							Weather Parameters	Weather Forecast (18.04.2026 to 22.04.2026)				
10	11	12	13	14	15	16	< Dates >	18	19	20	21	22
0	0	0	0	0	0	0	<b>Rainfall (mm)</b>	0	0	10	9	5
35.6	35.8	36.4	38.2	39.2	41.4	41.2	<b>Max. Temp. (0C)</b>	40	39	39	38	38
16.5	16.7	16.9	17.3	18.3	18.9	19.1	<b>Min. Temp. (0C)</b>	19	20	22	22	21
0	0	0	0	0	0	0	<b>Cloud Cover</b>	5	2	3	1	2
72	70	70	68	66	62	63	<b>Max. RH (%)</b>	30	32	44	47	43
34	32	29	28	26	27	28	<b>Min. RH (%)</b>	8	10	11	13	14
2	1.8	1.7	1.3	1.2	1.2	1.3	<b>Wind Speed (km/hr)</b>	11.7	14.2	9	8	10.2

#### **Agromet Advisory Based on Weather Forecast Prediction**

Crop	Stage	Advisory
<b>Weather Summary</b>		According to the weather forecast received from the Regional Meteorological Centre, Mumbai, <b>there is a heat wave warning during April 17 &amp; 18. Also there is a possibility of light rain at some places, accompanied by thunder, lightning, and strong winds during April 20 to 22.</b>
<b>General Advisory</b>		1) Use Meghdoot mobile app for weather forecast based agricultural advisory and weather forecast. 2) Grass/ crop residues/ polyethylene should be used as mulching to save soil moisture. 3) Due to the possibility of a heat wave, farmers should take care of themselves and their livestock.
<b>SMS Advisory</b>		<b>There is a Heat Wave warning during April 17 &amp; 18. Also there is a possibility of light rain at some places, accompanied by thunder, lightning, and strong winds during April 20 to 22.</b>
<b>Onion</b>	<b>Harvesting</b>	After harvesting onion, while drying in the field, without heaping up, the first onion should be covered with the leaves of the second onion and dried for some days. After that cut the leaves with 3-5 cm of onion neck and dry them in shade for 2 weeks.
<b>Onion</b>	<b>Harvesting</b>	As there is a possibility of light rain with thunder and strong winds, harvest the onions as soon as possible and store the harvested onions in a safe place.
<b>Summer Groundnut</b>	<b>Pod formation stage</b>	Groundnut crop should not be exposed to water stress during pod formation stage (65 to 70 days). If water available give protected irrigation as per need.
<b>Sugarcane</b>	<b>Growth Stage</b>	During May month the rate of evaporation increases up to 9.24 mm per day. Sugarcane crop needs 9.33 liters of water per day thus for fulfilling that requirement Drip Irrigation Unit(4liters dripper) need to run for 2 hour and 20 minutes daily. Carry out earthing up of suru sugarcane at the age of 16 to 18 weeks after planting. Give the fertilizer dose of Nitrogen 136 kg (Urea 295 kg), Phosphorus 85 kg (Single Super Phosphate 531 kg) and Potash 85 kg (Murate of Potash 142 kg) per hector before earthing up of Sugarcane.
<b>Vegetable crops</b>		Due to the possibility of a heat wave, arrangements should be made to provide shade for newly planted saplings. To create a barrier against hot winds, necessary measures should be taken along the edges and boundaries of the field.



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<b>Vegetables crops</b>		Since there is a possibility of light rain accompanied by thunder and strong winds, the harvesting of vegetable crops that are ready should be completed as soon as possible.
<b>Fruit crops</b>		Due to the possibility of a heat wave, precautions should be taken to ensure that standing fruit crops do not suffer from water stress. For this purpose, provide light irrigation to the crops as required. Newly planted fruit orchards and grafted saplings should be protected from the sun. The frequency of irrigation should be increased during critical growth stages.
<b>Fruit crops</b>		Since there is a possibility of light rain with thunder and strong winds, fruit orchards should be protected from the wind by tying the trees to each other with plastic ropes using the support of bamboo or wooden sticks.
<b>Animals</b>		Due to the possibility of a heat wave, 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.
<b>Animals</b>		Since there is a possibility of light rain with thunder and strong winds, do not allow animals for grazing during warning period. Keep the animals at safe place. The roof of cattle shade should be of good condition.
<b>Poultry</b>		Due to the possibility of a heat wave, provide curtains and proper ventilation in poultry house. Also, paint the walls white or plaster with dung-mud to reduce temperature.
<b>Poultry</b>		Since there is a possibility of light rain with thunder and strong winds, keep the poultry birds at safe place.

**Source:**

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

**Place : MPKV, Rahuri**  
**Date : 17.04.2026**

**Sd/-**  
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**Head, Department of Agronomy, MPKV, Rahuri.**