



AGROMET ADVISORY BULLETIN

GRAMIN KRISHI MAUSAM SEWA, AMFU, RAHURI

DEPARTMENT OF AGRONOMY, MPKV, RAHURI.



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82) Weather based Agromet Advisory committee meeting dated 12.12.2025

District: Ahilyanagar

Last Week Weather Summary (05.12.2025 to 11.12.2025)							Weather Parameters	Weather Forecast (13.12.2025 to 17.12.2025)				
05	06	07	08	09	10	11	Date	13	14	15	16	17
0	0	0	0	0	0	0	Rainfall (mm)	0	0	0	0	0
27.6	28.4	28.6	28.6	27.8	27.6	28.2	Max. Temp. (0C)	30	30	31	31	31
8.5	9.9	9.7	9.5	8.5	7.7	7.9	Min. Temp. (0C)	8	9	10	11	13
0	0	0	0	0	0	0	Cloud Cover	0	1	1	1	1
86	84	85	82	79	79	79	Max. RH (%)	51	49	52	50	52
66	64	62	63	61	59	63	Min. RH (%)	16	17	18	19	21
0.6	0.6	0.5	1.1	1.1	1.2	1.2	Wind Speed (km/hr)	7	7	8	8	8

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary		According to the weather forecast from the RMC, Mumbai, weather will remain dry for next five days.
General Advisory		Use Meghdoot mobile app for weather based crop advisory and prediction.
SMS Advisory		As per the weather department's forecast, a cold wave is likely during 12th December, so farmers are advised to take care of themselves and their livestock.
Rabi crops	Vegetative Growth	1) Irrigate the crops at night to maintain the temperature. 2) Sugarcane harvesting laborers should take special care. During cold weather warnings, work should preferably be avoided in the early morning hours.
Wheat	CRI	In wheat crops, weeds like Chandvel and Harali are commonly observed. To manage them, one or two rounds of hand weeding and hoeing should be done as necessary to loosen the soil. Intercultivation helps destroy weeds and aids in retaining soil moisture. For controlling narrow-leaved and broad-leaved weeds in wheat, 30–35 days after sowing, spray either Metsulfuron Methyl 2% WP at 20 g per hectare mixed in 500 liters of water, or a combination herbicide of Clodinafop Propargyl 15% + Metsulfuron Methyl 1% WG at 400 g per hectare mixed in 375 liters of water. Spray between two rows of wheat. Do not irrigate the field for 10–12 days after spraying the herbicide.
Sugarcane		For Eco-friendly management of whitefly spray <i>Lecanicillium lecanii</i> @ 50 g in 10 liters of water during evening hours.
Pigeonpea	Pod Filling	Sterility mosaic disease is transmitted by mites, so to control it spray Propargite 57 EC @ 10 ml in 10 liter of water.
Safflower		Spraying the crop with Dimethoate 30 EC @ 15 ml per 10 liters of water for the control of aphids.
Rabi Sorghum	Vegetative Growth	When the temperature drops, the incidence of aphids in the crop increases, leading to the spread of the sugary disease. If sticky disease is observed, spray Dimethoate 30 EC @ 15 ml per 10 liters of water. To control this pest, install four yellow sticky traps per acre and, upon noticing the infestation, spray 5% neem extract at the rate of 5 ml per liter of water.
Chick Pea, Mustard,	Seedling/ Vegetative	If dew remains on the crop leaves for a long period, the chances of fungal infection increase in sensitive crops.



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Kidney Beans	Growth	Therefore, spray 500 ppm thiourea (500 grams of thiourea in 1000 liters of water).
Pomegranate		Spray crop with Spinosad 45 SC @ 3 ml in 10 liters of water for the control of thrips.
Gerbera		Spray the crop with Acetamiprid 20 SP @ 4 g per 10 liters of water for the control of whitefly.
Animals		Keep cattle inside the sheds during night and provide dry bedding to protect them from cold. Increase protein level and minerals in the feed concentrate to keep the animals healthy to cope up with the cold condition. Give mineral mixture to animals along with salt regularly and also wheat grains, jaggery etc.
Poultry		Keep the chicks warm by providing artificial light in the poultry sheds. Do not allow cattle grazing during morning hours. Do not keep cattle in the open during night time.

Source:

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

Place : MPKV, Rahuri

Date : 12.12.2025

Sd/-

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