



AGROMET ADVISORY BULLETIN

GRAMIN KRISHI MAUSAM SEWA, AMFU, KOLHAPUR

ZONAL AGRICULTURAL RESEARCH STATION, SHENDA PARK, KOLHAPUR



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Weather based Agromet Advisory committee meeting dated 14.11.2025

District: KOLHAPUR

Last Week Weather Summary (08.11.2025 to 14.11.2025)							Weather Parameters	Weather Forecast (15.11.2025 to 19.11.2025)				
08	09	10	11	12	13	14	Date	15	16	17	18	19
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
30.0	30.4	30.2	30.0	30.6	30.2	30.2	Max. Temp. (°C)	30	30	29	29	29
18.4	16.5	15.0	15.3	16.5	16.0	15.0	Min. Temp. (°C)	17	18	17	16	16
0	0	0	0	0	0	0	Cloud Cover	0	0	2	2	3
0	0	0	1	0	0	0						
81	86	90	94	90	75	85	Max. RH (%)	64	61	61	61	64
47	43	41	41	49	50	70	Min. RH (%)	50	48	48	46	54
4.2	3.8	3.6	4.2	3.8	4.4	4.2	Wind Speed(km/hr)	9	8.8	9.8	10.1	10.6
NE	E	SW	W	E	ENE	NE	Wind Direction	ENE	ENE	ENE	ENE	ENE
ESE	NE	SE	SE	ENE	ENE	ENE						
Rainfall last week				Rainfall since 01.01.2025 (mm)				Rainy days since 01.01.2025				
0.0				1369.6				95				

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary		Weather forecast given by Regional Meteorological Centre, Mumbai has indicated that there is forecast of partially cloudy sky from 15 th to 19 th November in Kolhapur district. During next 5 days Tmax may remain between 29.0 to 30.0°C. During next 5 days the minimum temperature may remain nearby 16.0 to 18.0°C. Morning relative humidity will remain nearby 61 to 64% and Afternoon relative humidity will remain nearby 50 to 54%. Wind speed will remain between 8 to 11 kmhr ⁻¹ .
ERFS		According to Extended Range Forecast (ERF) in Madhya Maharashtra Sub Division rainfall will remain below normal, maximum temperature will remain moderately below normal and minimum temperature will remain below normal valid from 19 th to 25 th November, 2025
General Advisory		➤ There is forecast of decrease in minimum temperature upto 16.0°C thus farmers should take care of themselves and their cattles ➤ To maintain soil moisture carry out mulching in fruit and vegetable crop. ➤ Give irrigation to fruit and vegetable crop as per their requirement.
SMS Advisory		➤ In November evaporation rate increases upto 4.1mm per day. Sugarcane needs 3.2 liters water per day thus to fulfill that requirement Drip Irrigation Unit(4liters dripper) need to run for 48 minutes daily.
Wheat	Crown root initiation	➤ If required apply irrigation to the wheat crop 18 to 21 days after sowing at the time of crown root initiation.
Rabbi Sorghum	Vegetative growth	➤ There is competition between crop and the weed for the absorption of nutrient from soil thus it is necessary to keep the crop field weed free for first 35 to 40 days since sowing of crop. ➤ Due to evaporation 60 to 70% soil moisture get loss. To maintain soil moisture carry out mulching before completion of 50 days from sowing which increases yield upto 14%.
Rice	Maturity	➤ If matured then carry out harvesting of rice varieties. Harvesting should be carried out with sharp Vaibhav Sickle nearer to ground level when 80 to 90% of grains in earheads attain maturity.
Chick Pea	Vegetative	➤ To ensure vigorous growth, keep the crop weed-free from the beginning, and perform the first hoeing when the crop is 20 days old. ➤ For control of gram pod borer install bird perches into chickpea crop and install 5 pheromone traps per hectore.
Sugarcane	Growth	➤ During November month the rate of evaporation increases up to 4.1 mm per day thus sugarcane plant requires 3.2 liters water per day to fulfill that requirement it is need to run Drip irrigation



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		unit (4 liters dripper) for 48 minutes per day.
Chilli	Fruit developme nt	➤ Due to cloudy weather and high humidity in last week there is incidence of powdery mildew on Chilli. For control take the spray of Water Soluble Sulphur @ 25 gram or Tebuconazole @ 10 ml or Hexaconazole 10ml per 10 liter of water. Take 2 to 3 sprays alternately with 15 days of interval.
Mango	New flush	➤ Due to partially cloudy and humid weather there is attack of Leaf hoppers in some parts thus to control spray the Mango crop with Imidacloprid 17.8 S.L. 3ml or Lambda Cyhalothrin 5% E.C. 10 ml per 10 liters of water.
Banana	Vegetative	Practices to Improve the Quality of Banana Bunch ➤ To enhance the quality of banana bunches, the following practices should be carried out: ➤ Cut the banana flower at the proper time after the bunch has fully emerged. ➤ Keep only 8 to 9 hands (tiers) on the bunch and remove the remaining lower hands with a sharp sickle at the initial stage. ➤ After full emergence of the bunch and again 15 days later, spray a solution prepared by mixing 50 g potassium dihydrogen phosphate + 100 g urea + 10 ml sticker in 10 liters of water on the bunch. OR ➤ After cutting the banana flower, spray a solution of 200 g sulphate of potash in 10 liters of water, first immediately after cutting and then again after 30 days. ➤ Cover the bunch with white polythene bags having 2 to 6% perforations (ventilation holes). Use of Mulching in Banana ➤ After intercultural operations in banana, cover 80% of the open space between two banana rows with silver-colored polyethylene mulch of 30-micron thickness, preferably in November.
Turmeric	Rhizome developme nt	Due to partially cloudy and humid weather there is attack of Rhizome fly on turmeric in some parts of district thus to control follow below control measures ➤ Cover the opened rhizomes with the soil. Timely carry out earthing up. ➤ Take 200 gram coarse castor seed in container and mix 1.5 litter water into it and mix well. Prepare 6 container likewise for 1 hector of crop. Allow the mixture to soak for 8 to 10 days. Typical smell comes through that mixture which attracts the Rhizome flies and later on fly dies. This control measure used for organic turmeric production which is very effective and require low cost for preparation.
Animals	Growth	➤ There is possibility of decrease in minimum temperature thus it is necessary to keep the cattle shed of Calf's, Kids, lambs warm and close the sides of cattle shed with gunny bags for increase in temperature.
Poultry	Growth	➤ There is forecast of Tmin to remain 16.0 to 18.0°C thus to protect poultry bird from clod keep the poultry shed warm particularly during night and early in morning.
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Source:

- 1) Weather Forecast : Research Section, Mumbai
- 2) Last week weather summary : IMD observatory (ZARS,KOLHAPUR)

Place : ZARS, KOLHAPUR

Date : 14.11.2025

Sd/-
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