



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 28.03.2025

District: SATARA

Last Week Weather Summary (22.03.2025 to 28.03.2025)							Weather Parameters	Weather Forecast (29.03.2025 to 02.04.2025)				
22	23	24	25	26	27	28	Date	29	30	31	01	02
-	-	-	-	-	-	-	Rainfall (mm)	0	4	8	4	3
-	-	-	-	-	-	-	Max. Temp. (°C)	38	40	39	38	37
-	-	-	-	-	-	-	Min. Temp. (°C)	19	21	22	23	23
-	-	-	-	-	-	-	Cloud Cover	2	2	3	3	4
-	-	-	-	-	-	-	Max. RH (%)	50	51	50	50	51
-	-	-	-	-	-	-	Min. RH (%)	27	27	27	28	29
-	-	-	-	-	-	-	Wind Speed(km/hr)	6	8	5	3	3
-	-	-	-	-	-	-	Wind Direction	347	352	323	0	6

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary/ Alert		Weather forecast given by Regional Meteorological Centre, Mumbai has indicated that there is forecast of partially cloudy sky from 29 th March to 2 nd April, 2025 in Sangli district. There is forecast of light rainfall at isolated places from 29th March to 2nd April in Sangli district. During next 5 days the Tmax may remain nearly between 38.0 to 40.0°C. During next 5 days the minimum temperature may remain between 19.0 to 23.0°C. Morning relative humidity will remain nearby 50 to 51% and Afternoon relative humidity will remain nearby 27 to 29%. Wind speed will remain between 03 to 08 km per hour.
ERFS		According to Extended Range Forecast (ERF) in Madhya Maharashtra Sub Division rainfall will remain below normal, maximum temperature will remain Normal to Above Normal and minimum temperature will remain Normal to Above Normal valid from 4th to 10th April, 2025
Weather warning		Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (30-40kmph) at isolated places in Satara district on 30 th March
General Advisory		<ul style="list-style-type: none"> ➤ Farmers should download "Meghdoot" android application on mobile for Agromet Advisory Services and "Damini" android application for forecast of lightening. As there is a possibility of an increase in maximum temperature, Care of crop is to be taken as follows: <ul style="list-style-type: none"> ➤ Provide regular and adequate water to fruit trees and vegetable crops, especially early in the morning or late in the evening. ➤ Use a drip irrigation system for efficient water utilization. ➤ Apply mulching in fruit trees and vegetable crops to retain soil moisture.
SMS Advisory		➤ Carry out threshing of harvested crop and keep the threshed produce at safe place as there is forecast of light rainfall from 29 th March to 2 nd April (Sorghum, Maize and Onion)
Wheat	Maturity	<ul style="list-style-type: none"> ➤ Carry out threshing of harvested matured late sown varieties of wheat crop and keep the threshed produce at safe place as there is forecast of rainfall from 29th March to 2nd April ➤ During storage of wheat for seed purpose there is chances of infestation of Weevils or Beetles thus to prevent damage due to that pest carry out seed treatment with Vekhand Powder @ 10 gram/10 kg seed.
Maize	Maturity	➤ Carry out threshing of harvested matured varieties of Maize crop and keep the threshed produce at safe place as there is forecast of rainfall from 29 th March to 2 nd April
Groundnut	Pod development	<ul style="list-style-type: none"> ➤ Due to dry weather the incidence of Thrips, Hoppers and Leaf miner is observed in Groundnut thus to control spray the crop with Quinalphos 25 E.C. 20 ml per 10 liters of water. ➤ Give irrigation with interval of 7 to 10 days to Summer Groundnut crop according to soil type.



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Sugarcane	Vegetative Growth	➤ Give second Fertilizer dose of 40% Nitrogen (100kg N i.e 217 Kg Urea/hector) to Suru Sugarcane at time of 6 to 8 weeks after planting.
Grape	Veraison stage onwards till maturity	➤ a. In case the soil is under wapsa (field capacity) condition, donot irrigate the vineyard. ➤ b. Practice mulching to keep the bunds moistened. This will reduce the salinity build up in the root zone due to evaporation of the moisture from the surface of the bund. ➤ c. From Veraison stage onwards till maturity, apply irrigation through drip @ 11,900 to 14,450 L/ acre/ day. ➤ d. Wherever temperature is crossing 35°C, donot withhold irrigation during ripening to harvest stage for faster sugar accumulation, as this will lead to loose bunch, thereby affecting the quality of produce. This is especially true in case of light soils and saline soils.
Chilli	Flowering Stage	Due to dry weather conditions observed in the past week, an infestation of thrips has been noticed on the chili crop. Thrips reside on both the upper and lower surfaces of the leaves and suck the sap, causing the leaf edges to curl upwards. The leaves become smaller, a condition known as " Bokadya " or " Churda-Murda. " ➤ For its control, alternate sprays of Imidacloprid 17.8% SL (2.5 ml per liter) or Fipronil 5% SC (20 ml per liter) should be applied. ➤ While spraying during the rainy season, the use of a sticking agent (0.1%) is essential. ➤ Install 20 to 25 blue sticky traps per acre in the field.
Ridge gourd	Flowering	➤ For summer vegetable vine crops carry out weeding and give second dose of Nitrogen. ➤ Carry out staking to the vine crops.
Coconut	Vegetative Growth	➤ The intensity of Solar radiation is increased and there is forecast of rise in Tmax upto 38.0 thus to protect the newly planted coconut plants from bright sunshine make arrangement of shade to plants with shade net.
Tomato	Growth	➤ Due to dry weather from last week incidence of white fly and thrips is observed in tomato crop thus to control spray the crop with Imidacloprid 0.5 ml in 1 liter of water during dry weather.
Animals	Growth	➤ Carry out vaccination to all healthy animals in March month for prevention from Foot and Mouth disease by taking advice from authorized Veterinarian. Do not give vaccine to pregnant animals and calf's age below 3 month age. Measures for protection of cattle's from heat... ➤ Buffalos having very low sweat glands and their skin is black coloured thus they get more trouble due to increased temperature so allow Buffaloes for wallowing during summer season. ➤ Keep the cattle's under shade. If possible sprinkle water 4 to 5 times through out day. ➤ Provide sufficient, pure and cool water for drinking to animals. Give protein rich green fodder and mineral mixture to animals. ➤ Do not allow animals for grazing during afternoon hours.
Poultry Bird	Growth	For protection of Poultry bird from heat cover the sides of Poultry shed with gunny bags and spray the water on it frequently so that temperature inside the poultry remains down. Take care to remain ventilation inside the poultry shed.

Source:

1) Weather Forecast : Research Section, Mumbai

Place : ZARS, KOLHAPUR

Date : 28.03.2025

Sd/-

Nodal Officer, GKMS, &
Associate Director of Research,
ZARS, Kolhapur