



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 17.04.2026

District: SATARA

Last Week Weather Summary (11.04.2026 to 17.04.2026)							Weather Parameters	Weather Forecast (18.04.2026 to 22.04.2026)				
11	12	13	14	15	16	17	Date	18	19	20	21	22
-	-	-	-	-	-	-	Rainfall (mm)	2	5	10	9	4
-	-	-	-	-	-	-	Max. Temp. (°C)	40	40	39	38	38
-	-	-	-	-	-	-	Min. Temp. (°C)	20	21	22	23	22
-	-	-	-	-	-	-	Cloud Cover	5	3	3	2	2
-	-	-	-	-	-	-	Max. RH (%)	47	51	61	70	70
-	-	-	-	-	-	-	Min. RH (%)	33	34	37	41	42
-	-	-	-	-	-	-	Wind Speed(km/hr)	8	10	6	5	4
-	-	-	-	-	-	-	Wind Direction	NNW	N	NW	NW	NW

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 partially cloudy sky on 18 th , 19 th and 20 th April and mainly clear sky on 21 st and 22 nd April in Satara district. There is forecast of light rainfall at isolated places on 18th, 19th 20th, 21st and 22nd April. During next 5 days Tmax may remain 38.0 to 40.0°C and Tmin may remain between 20.0 to 23.0°C. Morning relative humidity will remain nearby 47 to 70% and Afternoon relative humidity will remain nearby 33 to 42%. Wind speed will remain between 4 to 10 km per hour.
ERFS		According to the Extended Range Forecast (ERF) for the Madhya Maharashtra Sub-Division, there is forecast of Above normal rainfall, Maximum temperatures are expected to remain normal, while minimum temperatures are likely to remain above normal during the period from 22 nd to 28 th April, 2026.
Weather warning		<ul style="list-style-type: none"> ➤ Heat wave in isolated pockets in SATARA district on 17th April ➤ Thunderstorm accompanied with lightning, moderate rainfall & gusty winds (40-50kmph) at isolated places in Satara district and ghat areas of Satara district on 19th April ➤ Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (30-40kmph) at isolated places in Satara district and ghat areas of Satara district on 20th April ➤ Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (30-40kmph) at isolated places in Satara district on 21st April
General Advisory		<ul style="list-style-type: none"> ❖ Care should be taken by farmers during thunderstorm and lightning <ul style="list-style-type: none"> ➤ In view of thunderstorm accompanied with gusty winds, provide mechanical support to orchards, staking in vegetables. ➤ If farmers are in the field and can't find any shelter, avoid the tallest object in the area. If only isolated trees are nearby, best protection is to crouch in the open. ➤ Keep animals away from open water, pond or river. ➤ Keep animals away from tractors and other metal farm equipment. ➤ Cover the harvested produce (if in the field) with polythene sheet. ➤ Avoid contact with electrical equipment or cords. ➤ Don't allow your animals to congregate under trees. ➤ Carry out spraying of Insecticide or fungicide when there is no rainfall and wind is calm
SMS Advisory		➤ Farmers should download "Meghdoot" android application on mobile for Agromet Advisory Services and "Damini" android application for forecast of lightning.
Maize	Vegetative	➤ Due to hot condition increase in evapotranspiration thus crop may suffer water stress thus Avoid water stress to crop





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		➤ Apply light and frequent irrigation to maintain soil moisture particularly during Morning or Evening hours
Sunflower	Maturity	➤ Carry out harvesting of matured Sunflower crop and keep the harvested produce at safe place as rainfall is forecasted.
Tomato	Growth	➤ There is warning of rainfall and high wind speed thus there is possibility of lodging of crop thus to prevent it carry out staking to Tomato plant.
Sugarcane	Vegetative	➤ Due to hot condition evapotranspiration rate goes increase and crop suffer stress which affect further growth and then yield thus Apply light and frequent irrigation to maintain soil moisture ➤ Use mulching to reduce evaporation losses ➤ Carry out mulching to maintain moisture in the soil
Chilli	Flowering	➤ Due to dry weather there is possibility of incidence of Mites on Chilli. If incidence observes then spray the crop with Fenprothrin 30% EC 5 ml or Fenazaquin 10 EC 25 ml per 10 liters of water.
Banana	Fruit development	➤ There is forecast of rainfall thus carry out harvesting of matured bunches and keep the harvested bunches at safe place ➤ Due to rainfall and gusty wind there is possibility of lodging of Banana plants thus carry out staking to plants to avoid lodging
Animals	Growth	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. ➤ If possible use fans in cattle shed ➤ 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.
To download " Meghdoot " app scan QR code		To download " Damini " app scan QR code
		

Source:

1) Weather Forecast : Research Section, Mumbai

Place : ZARS, KOLHAPUR

Date : 17.04.2026

Sd/-

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