



# 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 25.04.2025**

**District: SATARA**

Last Week Weather Summary (19.04.2025 to 25.04.2025)							Weather Parameters	Weather Forecast (26.04.2025 to 30.04.2025)				
19	20	21	22	23	24	25	Date	26	27	28	29	30
-	-	-	-	-	-	-	Rainfall (mm)	5	7	0	0	0
-	-	-	-	-	-	-	Max. Temp. (°C)	41	39	38	38	39
-	-	-	-	-	-	-	Min. Temp. (°C)	25	24	23	23	23
-	-	-	-	-	-	-	Cloud Cover	3	4	3	1	1
-	-	-	-	-	-	-	Max. RH (%)	68	69	68	68	69
-	-	-	-	-	-	-	Min. RH (%)	42	43	42	42	43
-	-	-	-	-	-	-	Wind Speed(km/hr)	5	5	5	5	8
-	-	-	-	-	-	-	Wind Direction	WNW	WNW	WNW	W	WSW

### Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
<b>Weather Summary/ Alert</b>		Weather forecast given by Regional Meteorological Centre, Mumbai has indicated that there is forecast of partially cloudy sky from 26 <sup>th</sup> to 28 <sup>th</sup> April and mainly clear sky on 29 <sup>th</sup> and 30 <sup>th</sup> April in <b>Satara</b> district. <b>During next 5 days Tmax may remain between 38.0 to 41.0°C. During next 5 days the minimum temperature may remain between 23.0 to 25.0°C.</b> Morning relative humidity will remain nearby 68 to 69% and Afternoon relative humidity will remain nearby 42 to 43%. Wind speed will remain between 05 to 08 km per hour.
<b>ERFS</b>		According to Extended Range Forecast (ERF) in Madhya Maharashtra Sub Division rainfall will remain above Normal, maximum temperature will remain below Normal and minimum temperature will remain Normal valid from <b>30<sup>th</sup> April to 6<sup>th</sup> May, 2025</b>
<b>Weather warming</b>		Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (30-40kmph) at isolated places in <b>SATARA, Ghats of SATARA on 25<sup>th</sup> April</b> Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (30-40kmph) at isolated places in <b>SATARA, Ghats of SATARA on 26<sup>th</sup> April</b>
<b>General Advisory</b>		<ul style="list-style-type: none"> <li>➤ Carry out harvesting of matured crop, carry out threshing and keep the harvested and threshed produce at safe place as there is forecast of light rainfall from on 25<sup>th</sup>, 26<sup>th</sup> and 27<sup>th</sup> April (Sunflower, Sorghum and Onion)</li> <li>➤ Farmers should take care of themselves and their cattles as there is warning of thunderstorm, lightening with rainfall on 25<sup>th</sup>, 26<sup>th</sup> and 27<sup>th</sup> April</li> <li>➤ Use hail nets for Mango, Banana, Watermelon and Tomato crop as there is possibility of hail on 25<sup>th</sup> April</li> <li>❖ <b>Care should be taken by farmers during thunderstorm and lightening</b> <ul style="list-style-type: none"> <li>➤ In view of thunderstorm accompanied with gusty winds, provide mechanical support to orchards, staking in vegetables.</li> <li>➤ 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.</li> <li>➤ Keep animals away from open water, pond or river.</li> <li>➤ Keep animals away from tractors and other metal farm equipment.</li> <li>➤ Cover the harvested produce (if in the field) with polythene sheet.</li> <li>➤ Avoid contact with electrical equipment or cords.</li> <li>➤ Don't allow your animals to congregate under trees.</li> </ul> </li> </ul>
<b>SMS Advisory</b>		Farmers should download "Meghdoot" android application on mobile for Agromet Advisory Services and "Damini" android application for forecast of lightening.
<b>Groundnut</b>	<b>Pod</b>	➤ For fulfilling the deficiency of micronutrients in standing crop spray the crop with 0.5% Fe and



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	<b>development</b>	0.2% Zinc Sulphate mixture at 50 and 70 days after sowing. ➤ Give irrigation with interval of 7 to 10 days to Summer Groundnut crop according to soil type.
<b>Sugarcane</b>	<b>Establishment</b>	➤ At the time of earthing up of Suru Sugarcane give fertilizer dose of 100 kg Nitrogen (217 kg Urea), 55 Kg Phosphorus (344 kg Single Super Phosphate) and 55 Kg Potash (Murate of Potash). ➤ Give fertilizer dose when there is no rainfall or after 28 <sup>th</sup> April
<b>Grapes</b>	<b>Prunning</b>	➤ Complete April/ Foundation pruning in grapes. It is important for microbunch formation on buds of the vines. ➤ Do not keep the pruned leaves and stems of the vines on the bunds it should be collected and burn away from vineyard. ➤ After foundation pruning, during shoot growth stage, apply 12,750 – 15,300 L/acre per day of irrigation water.
<b>Mango</b>	<b>Fruit development</b>	➤ Carry out harvesting of mango fruit at 80 to 85% maturity stage. Harvesting should be done with help of nutan mango harvester keep the harvested fruits at safe place as rainfall is forecasted. ➤ Keep the harvested fruits in shade to prevent development of spongy tissue and from heat. Transport of matured fruit should be done during night. Do not spray the plant with any type of fungicide or insecticide at least 8 days before harvesting of fruit.
<b>Banana</b>	<b>Fruit development</b>	➤ 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
<b>Tomato</b>	<b>Growth</b>	➤ Carry out staking to Tomato plants to prevent lodging of plant as there is forecast of thunderstorm accompanied with lightning, light to moderate rainfall & gusty wind.
<b>Onion</b>	<b>Maturity</b>	➤ Carry out harvesting of Onion as early as possible and keep the harvested produce at safe place. ➤ If is not possible to keep Onions at safe place then Cover the collected onions with polythene sheets.
<b>Animals</b>	<b>Growth</b>	➤ Do not allow animals for grazing during warning period. ➤ Keep the animals at safe place as there is possibility of thunderstorm, lightening and light to moderate rainfall.
<b>Poultry Bird</b>	<b>Growth</b>	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 : 25.04.2025

Sd/-

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