



**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: SANGLI

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)	1	3	10	9	5
-	-	-	-	-	-	-	Max. Temp. (°C)	40	40	39	38	38
-	-	-	-	-	-	-	Min. Temp. (°C)	23	24	25	25	24
-	-	-	-	-	-	-	Cloud Cover	5	3	3	2	2
-	-	-	-	-	-	-	Max. RH (%)	79	89	95	95	95
-	-	-	-	-	-	-	Min. RH (%)	26	27	29	29	29
-	-	-	-	-	-	-	Wind Speed(km/hr)	9	22	11	7	5
-	-	-	-	-	-	-	Wind Direction	NNW	E	NW	WSW	NW

**Agromet Advisory Based on Weather Forecast**

Crop	Stage	Advisory
<b>Weather Summary</b>		Weather forecast given by Regional Meteorological Centre, Mumbai has indicated that there is forecast partially cloudy sky on 18 <sup>th</sup> , 19 <sup>th</sup> and 20 <sup>th</sup> April and mainly clear sky on 21 <sup>st</sup> and 22 <sup>nd</sup> April in <b>Sangli</b> district. <b>There is forecast of light rainfall at isolated places on 18<sup>th</sup>, 19<sup>th</sup> 20<sup>th</sup>, 21<sup>st</sup> and 22<sup>nd</sup> April. During next 5 days and Tmax may remain between 38.0 to 40.0°C, minimum temperature may remain nearby 23.0 to 25.0.</b> Morning relative humidity will remain nearby 79 to 95% and Afternoon relative humidity will remain nearby 26 to 29%. Wind speed will remain between 09 to 22 km per hour.
<b>ERFS</b>		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 <sup>nd</sup> to 28 <sup>th</sup> April, 2026.
<b>Weather warning</b>		17 <sup>th</sup> April Heat wave in isolated pockets. Possibility of light to moderate rain accompanied with thunderstorm towards afternoon/evening. 19 <sup>th</sup> April Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (40-50kmph) at isolated places in Sangli district
<b>General Advisory</b>		<b>General Self-Care Advisory for Farmers (Hot Conditions)</b> ➤ Avoid working in the field during peak heat hours (12:00 PM to 4:00 PM) ➤ Wear light, loose, and cotton clothing ➤ Use a cap or cloth to cover the head ➤ Drink plenty of water, buttermilk, lemon water, or ORS ➤ Do not work continuously under direct sunlight; take frequent breaks in shade ➤ If you feel dizziness, headache, or weakness, take rest immediately in a cool place ➤ Sprinkle water on the body or wash face frequently to reduce heat stress ➤ Avoid alcohol consumption (it increases heat stress) ➤ Proper self-care during hot and humid weather helps prevent heat stress and health problems. ❖ <b>Carry out spraying of Insecticide or fungicide when there is no rainfall and wind is calm</b>
<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>Sunflower</b>	<b>Maturity</b>	➤ Carry out harvesting of matured Sunflower crop and keep the harvested produce at safe place as rainfall is forecasted.





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<b>Maize</b>	<b>Vegetative</b>	<ul style="list-style-type: none"> <li>➤ Due to hot condition increase in evapotranspiration thus crop may suffer water stress thus Avoid water stress to crop</li> <li>➤ Apply light and frequent irrigation to maintain soil moisture particularly during Morning or Evening hours</li> </ul>
<b>Tomato</b>	<b>Growth</b>	<ul style="list-style-type: none"> <li>➤ 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.</li> </ul>
<b>Grape</b>	<b>Maturity</b>	<ul style="list-style-type: none"> <li>➤ The vineyard at harvest stage: The vineyard at stage needs sufficient irrigation to maintain the berry turgidity. In many of the grape vineyard, it is seen that the grape growers are avoiding irrigation to the vine. In these vineyards, the sugar development may get advanced, however, cluster drying will be major problem. This is disturbing the balance between actual requirement and supply thereby causing the major problem like cluster drying (mummification). Hence, to control, the problem, sufficient irrigation needs to be applied. Application of calcium &amp; magnesium through foliar spray may help to some extent (in the vineyard just after the initiation of verasion stage). (Source: NRC Grape)</li> </ul>
<b>Sugarcane</b>	<b>Establishment</b>	<ul style="list-style-type: none"> <li>➤ 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).</li> <li>➤ Give fertilizer dose when there is no rainfall</li> </ul>
<b>Onion</b>	<b>Maturity</b>	<ul style="list-style-type: none"> <li>➤ Carry out harvesting of Onion as early as possible and keep the harvested produce at safe place.</li> <li>➤ If is not possible to keep Onions at safe place then Cover the collected onions with polythene sheets.</li> </ul>
<b>Banana</b>	<b>Fruit development</b>	<ul style="list-style-type: none"> <li>➤ There is forecast of rainfall thus carry out harvesting of matured bunches and keep the harvested bunches at safe place</li> <li>➤ Due to rainfall and gusty wind there is possibility of lodging of Banana plants thus carry out staking to plants to avoid lodging</li> </ul>
<b>Animals</b>	<b>Growth</b>	<p><b>Measures for protection of cattle's from heat...</b></p> <ul style="list-style-type: none"> <li>➤ 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.</li> <li>➤ Keep the cattle's under shade. If possible sprinkle water 4 to 5 times through out day.</li> <li>➤ Provide sufficient, pure and cool water for drinking to animals. Give protein rich green fodder and mineral mixture to animals.</li> <li>➤ If possible use fans in cattle shed</li> <li>➤ Do not allow animals for grazing during afternoon hours.</li> </ul>
<b>Poultry Bird</b>	<b>Growth</b>	<p>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.</p>
To download " <b>Meghdoot</b> " app scan QR code		To download " <b>Damini</b> " 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**



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