



**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 05.05.2026**

District: SANGLI

Last Week Weather Summary (29.04.2026 to 05.04.2026)							Weather Parameters	Weather Forecast (06.05.2026 to 10.05.2026)				
29	30	01	02	03	04	05	Date	06	07	08	09	10
-	-	-	-	-	-	-	Rainfall (mm)	0	0	9	6	0
-	-	-	-	-	-	-	Max. Temp. (°C)	40	39	39	40	41
-	-	-	-	-	-	-	Min. Temp. (°C)	23	24	25	25	23
-	-	-	-	-	-	-	Cloud Cover	0	2	4	3	4
-	-	-	-	-	-	-	Max. RH (%)	78	73	74	65	64
-	-	-	-	-	-	-	Min. RH (%)	31	31	37	37	37
-	-	-	-	-	-	-	Wind Speed(km/hr)	10	12	10	7	4
-	-	-	-	-	-	-	Wind Direction	W	NNW	NW	NW	S

**Agromet Advisory Based on Weather Forecast**

Crop	Stage	Advisory
Weather Summary		Weather forecast given by Regional Meteorological Centre, Mumbai has indicated there is forecast of mainly clear sky on 6 <sup>th</sup> and 7 <sup>th</sup> May and partially cloudy sky on 8 <sup>th</sup> , 9 <sup>th</sup> and 10 <sup>th</sup> May in Sangli district. <b>There is forecast of light to moderate rainfall at isolated places in Sangli district on 8<sup>th</sup> and 9<sup>th</sup> May. During next 5 days and Tmax may remain between 39.0 to 41.0°C, minimum temperature may remain nearby 23.0 to 25.0.</b> Morning relative humidity will remain nearby 64 to 78% and Afternoon relative humidity will remain nearby 31 to 37%. Wind speed will remain between 04 to 12 km per hour.
ERFS		According to the Extended Range Forecast (ERF) for the Madhya Maharashtra Sub-Division, above-normal rainfall is expected during the period from 10 <sup>th</sup> to 16 <sup>th</sup> May 2026. The maximum temperatures are likely to remain near normal, while minimum temperatures are expected to stay above normal throughout this period.
Weather warning		Thunderstorm accompanied with lightning, moderate rainfall & gusty winds (40-50kmph) at isolated places on 7 <sup>th</sup> May in district of Sangli
General Advisory		<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 or lemon water ➤ 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.
SMS Advisory		➤ <b>There is forecast of increase in maximum temperature thus farmers should take of themselves and their cattles</b>
Maize	Growth	➤ Provide sufficient irrigation to the Maize crop ➤ If possible carry out mulching to maintain moisture in the soil ➤ Avoid spraying during peak heat (12–4 PM) ➤ Spray 1% KNO <sub>3</sub> during stress ➤ Monitor fall armyworm



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<b>Groundnut</b>	<b>Pod development</b>	<ul style="list-style-type: none"> <li>➤ During summer season, incidence of pests and diseases is commonly observed. In groundnut crop, pests such as aphids, thrips, and jassids may occur. Spray 5% neem seed kernel extract (NSKE) or Azadirachtin @ 2 ml per litre of water. Repeat the spray after 15 days. Alternatively, spray any one insecticide such as Decamethrin 500 ml or Metasystox using 500 litres of water per hectare. For management of sucking pests, install 15 yellow sticky traps &amp; 5 blue sticky traps per acre.</li> <li>➤ Apply irrigation as per the soil type</li> </ul>
<b>Sugarcane</b>	<b>Establishment</b>	<ul style="list-style-type: none"> <li>➤ <b>White grub</b> : Adults comes together on Acacia, Neem and Ber trees at the time of evening after first shower of rain. First female adults and then male adults come out of the soil. They eat leaves of these trees. During night period shake the branches of these trees due to which adults falls on ground. Collect these adults and destroy them in kerosene mixed water.</li> <li>➤ 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</li> <li>➤ Irrigate during early morning (6–9 AM) or evening (6–8 PM)</li> <li>➤ Carry out mulching to maintain moisture in the soil</li> <li>➤ Avoid spraying during peak heat (12–4 PM)</li> </ul>
<b>Tomato</b>	<b>Growth</b>	<ul style="list-style-type: none"> <li>➤ Irrigate during early morning (6–9 AM) or evening (6–8 PM)</li> <li>➤ Carry out mulching to maintain moisture in the soil</li> </ul>
<b>Brinjal</b>	<b>Fruit development</b>	<ul style="list-style-type: none"> <li>➤ Due to the dry weather conditions during the previous week, an incidence of spider mites has been observed in Brinjal crop. As soon as the infestation is noticed, spray Hexythiazox 5.45 EC @ 10 ml per 10 liters of water.</li> </ul>
<b>Grapes</b>	<b>Prunning</b>	<ul style="list-style-type: none"> <li>➤ In case the soil is under wapsa (field capacity) condition, donot irrigate the vineyard.</li> <li>➤ 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.</li> <li>➤ After foundation pruning, during shoot growth stage, apply 14,450 – 16,150 L/acre per day of irrigation water. If EC of the irrigation water is less than 1 dS/m, then apply 11,560 – 12,920 L/acre per day.</li> <li>➤ Whenever the temperatures crosses 41-42°C during fruit bud differentiation stage, the irrigation water application should be near field capacity or wapsa condition. However, reduce/ stop water , if new growth is observed.</li> </ul>
<b>Cucumber</b>	<b>Fruit development</b>	<ul style="list-style-type: none"> <li>➤ Use drip irrigation daily or alternate day</li> <li>➤ Apply plastic mulch to reduce evaporation</li> <li>➤ Provide shade net (35–50%) during extreme heat</li> <li>➤ Watch for mites, whiteflies</li> </ul>
<b>Watermelon</b>	<b>Fruit development</b>	<ul style="list-style-type: none"> <li>➤ Maintain uniform moisture to avoid fruit cracking</li> <li>➤ Provide straw/plastic mulch under fruits</li> <li>➤ Irrigate frequently but avoid waterlogging</li> <li>➤ Protect fruits from sunburn</li> </ul>
<b>Pomegranate</b>	<b>Growth</b>	<ul style="list-style-type: none"> <li>➤ Take care of water management on Pomegranate.</li> <li>➤ Use paper bags for covering fruits against infestation from pest.</li> </ul>
<b>Animals</b>	<b>Growth</b>	<ul style="list-style-type: none"> <li>➤ In the first week of May, animals should be given deworming medicine as per the advice of a veterinarian. In the last week of May, animals should be vaccinated against combined diseases like Foot-and-Mouth Disease (FMD), Hemorrhagic Septicemia (HS), and Black Quarter (BQ).</li> <li>➤ In case of heatstroke, first, keep the animal in a cool and shaded place. Then, tie a piece of cloth or sack, soaked in cold water, between the two horns of the animal and ensure it stays wet continuously. Feed light, easily digestible food mixed with jaggery and sugar, and provide plenty of cold water for drinking. Call a veterinarian immediately and treat the animal as per their advice.</li> <li>➤ Ensure proper ventilation in the cattle shed. Keep fans or water sprinklers available in the shed.</li> </ul>





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		Properly manage stagnant water to prevent breeding of mosquitoes and pests.
<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 " <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 : 05.05.2026

Sd/-  
Nodal Officer, GKMS, &  
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