



**AGROMET ADVISORY BULLETIN**  
**GRAMIN KRISHI MAUSAM SEWA, AMFU, KOLHAPUR**  
**ZONAL AGRICULTURAL RESEARCH STATION,**  
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**Weather based Agromet Advisory committee meeting dated 28.03.2025**

District: SANGLI

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)	2	5	8	4	2
-	-	-	-	-	-	-	Max. Temp. (°C)	37	38	36	36	36
-	-	-	-	-	-	-	Min. Temp. (°C)	21	23	24	24	24
-	-	-	-	-	-	-	Cloud Cover	3	3	3	3	4
-	-	-	-	-	-	-	Max. RH (%)	71	72	71	71	72
-	-	-	-	-	-	-	Min. RH (%)	45	46	45	45	46
-	-	-	-	-	-	-	Wind Speed(km/hr)	12	13	4	3	3
-	-	-	-	-	-	-	Wind Direction	350	355	0	230	353

**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 of partially cloudy sky from 29 <sup>th</sup> March to 2 <sup>nd</sup> April, 2025 in Sangli district. <b>There is forecast of light rainfall at isolated places from 29<sup>th</sup> March to 2<sup>nd</sup> April in Sangli district. During next 5 days Tmax may remain nearly between 36.0 to 38.0°C. During next 5 days the minimum temperature may remain 21.0 to 24.0°C.</b> Morning relative humidity will remain nearby 71 to 72% and Afternoon relative humidity will remain nearby 45 to 46%. Wind speed will remain between 03 to 13 km per hour.
<b>ERFS</b>		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 4 <sup>th</sup> to 10 <sup>th</sup> April, 2025
<b>Weather warning</b>		Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (30-40kmph) at isolated places in Sangli district on 29 <sup>th</sup> and 30 <sup>th</sup> March
<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 29<sup>th</sup> March to 2<sup>nd</sup> April (Sorghum, Maize and Onion)</li> <li>➤ Thunderstorm accompanied with lightning, light to moderate rainfall &amp; gusty winds (30-40kmph) at isolated places in ghats of Kolhapur and Kolhapur district from 29<sup>th</sup> March to 2<sup>nd</sup> April thus farmers should take care of themselves and their cattles</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>Rabbi Sorghum</b>	<b>Grain filling to maturity</b>	➤ Carry out threshing of harvested matured crop and keep threshed produce at safe place as there is forecast of light rainfall from 29 <sup>th</sup> March to 2 <sup>nd</sup> April
<b>Wheat</b>	<b>Maturity</b>	<ul style="list-style-type: none"> <li>➤ Carry out threshing of harved matured late sown varieties of wheat crop and keep the threshed produce at safe place as there is forecast of rainfall from 29<sup>th</sup> March to 2<sup>nd</sup> April</li> <li>➤ 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.</li> </ul>
<b>Maize</b>	<b>Maturity</b>	➤ 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 <sup>th</sup> March to 2 <sup>nd</sup> April
<b>Groundnut</b>	<b>Pod development</b>	<ul style="list-style-type: none"> <li>➤ 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.</li> <li>➤ Give irrigation with interval of 7 to 10 days to Summer Groundnut crop according to soil type.</li> </ul>
<b>Sugarcane</b>	<b>Vegetative Growth</b>	➤ 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.



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<b>Grape</b>	<b>Veraison stage onwards till maturity</b>	<ul style="list-style-type: none"> <li>➤ a. In case the soil is under wapsa (field capacity) condition, donot irrigate the vineyard.</li> <li>➤ 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.</li> <li>➤ c. From Veraison stage onwards till maturity, apply irrigation through drip @ 11,900 to 14,450 L/ acre/ day.</li> <li>➤ 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.</li> </ul>
<b>Chilli</b>	<b>Flowerin g Stage</b>	<p>Due to dry weather conditions observed in the past week, an infestation of <b>thrips</b> 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 "<b>Bokadya</b>" or "<b>Churda-Murda.</b>"</p> <ul style="list-style-type: none"> <li>➤ For its control, alternate sprays of <b>Imidacloprid 17.8% SL (2.5 ml per liter)</b> or <b>Fipronil 5% SC (20 ml per liter)</b> should be applied.</li> <li>➤ While spraying during the rainy season, the use of a <b>sticking agent (0.1%)</b> is essential.</li> <li>➤ <b>Install 20 to 25 blue sticky traps per acre</b> in the field.</li> </ul>
<b>Coconut</b>	<b>Vegetative Growth</b>	<ul style="list-style-type: none"> <li>➤ The intensity of Solar radiation is increased and there is forecast of rise in Tmax upto 39.0 thus to protect the newly planted coconut plants from bright sunshine make arrangement of shade to plants with shadenet.</li> </ul>
<b>Ridge gourd</b>	<b>Flowerin g</b>	<ul style="list-style-type: none"> <li>➤ For summer vegetable vine crops carry out weeding and give second dose of Nitrogen.</li> <li>➤ Carry out staking to the vine crops.</li> </ul>
<b>Mango</b>	<b>Fruit development</b>	<ul style="list-style-type: none"> <li>➤ There is possibility for incidence of fruit fly on mango fruits of egg size. Collect and destroy all fallen fruits and install "Rakshak fruit fly trap" @ 2 traps per acre.</li> </ul>
<b>Tomato</b>	<b>Growth</b>	<ul style="list-style-type: none"> <li>➤ 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.</li> <li>➤ There is forecast 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>Animal s</b>	<b>Growth</b>	<ul style="list-style-type: none"> <li>➤ 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.</li> </ul> <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>➤ 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>

**Source:**

1) Weather Forecast : Research Section, Mumbai

Place : ZARS, KOLHAPUR

Date : 28.03.2025

Sd/-

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