



# 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 30.01.2026

District: SATARA

Last Week Weather Summary (24.01.2026 to 30.01.2026)							Weather Parameters	Weather Forecast (31.01.2026 to 04.02.2026)				
24	25	26	27	28	29	30	Date	31	01	02	03	04
-	-	-	-	-	-	-	Rainfall (mm)	0	0	0	0	0
-	-	-	-	-	-	-	Max. Temp. (°C)	31	30	31	31	32
-	-	-	-	-	-	-	Min. Temp. (°C)	17	17	17	18	20
-	-	-	-	-	-	-	Cloud Cover	3	1	0	3	4
-	-	-	-	-	-	-	Max. RH (%)	82	77	73	70	69
-	-	-	-	-	-	-	Min. RH (%)	44	42	40	40	38
-	-	-	-	-	-	-	Wind Speed(km/hr)	5	3	5	4	3
-	-	-	-	-	-	-	Wind Direction	SE	ESE	ESE	E	E

### 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 generally cloudy sky on 31 <sup>st</sup> January and 4 <sup>th</sup> February and mainly clear sky on 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> February in <b>Satara district</b> . <b>During next 5 days Tmax may remain 30.0 to 32.0°C and Tmin may remain between 17.0 to 20.0°C</b> . Morning relative humidity will remain nearby 69 to 82% and Afternoon relative humidity will remain nearby 38 to 44%. Wind speed will remain between 3 to 5 km per hour.
<b>ERFS</b>		According to the Extended Range Forecast (ERF) for the Madhya Maharashtra Sub-Division, there is forecast of below normal rainfall, Maximum temperatures are expected to remain below normal, while minimum temperatures are likely to remain normal during the period from 4 <sup>th</sup> to 10 <sup>th</sup> February 2026.
<b>General Advisory</b>		<ul style="list-style-type: none"> <li>➤ Carry out mulching in Vegetable crops and fruit orchards for maintaining soil moisture by minimising evaporation from soil.</li> <li>➤ Provide support structures for vine crops; use a mandap (trellis) system for bottle gourd and a staking method for other crops.</li> </ul>
<b>SMS Advisory</b>		➤ February: Evaporation is 5.49 mm/day, giving a sugarcane water requirement of 3.27 liters/day; therefore, the 4-liter drip system should be operated for 49 minutes daily.
<b>Wheat</b>	<b>Flowering to milking</b>	➤ Due to an increase in atmospheric humidity during the past week, the incidence of rust disease has been observed in the wheat crop. As soon as symptoms of rust disease appear, spray Mancozeb 75% WP at the rate of 30 grams per 10 liters of water, <b>or</b> spray the combined fungicide Tebuconazole 50% + Trifloxystrobin 25% WG at the rate of 10 grams per 10 liters of water.
<b>Groundnut</b>	<b>Sowing</b>	<ul style="list-style-type: none"> <li>➤ Carry out sowing of Groundnut upto 15<sup>th</sup> February only if there is availability of irrigation facility.</li> <li>➤ Seed treatment: Carry out seed treatment by applying Mancozeb @2.5 gram or Trichoderma @ 4 gram per kg of seed.</li> <li>➤ After fungicide seed treatment carry out seed treatment with Rhizobium @ 25 gram and Phosphorus Solubilizing Bacteria @ 25 gram per kg of seed.</li> <li>➤ Fertilizer dose: Give fertilizer dose of Nitrogen @ 25 kg, Phosphorus @ 50 kg at the time of sowing of Groundnut crop. Give phosphorus through Single Super phosphate. Give first dose of Gypsum @ 125 kg per hectare.</li> <li>➤ Soils with deficiency of micronutrient like Zinc and Boron should be applied 25 kg Zinc Sulphate and 5 kg Borax with Organic manures before sowing once in 2 year.</li> </ul>
<b>Sugarcane</b>	<b>Suru</b>	<ul style="list-style-type: none"> <li>➤ Complete pre-planting land preparation and plant two-eyed sugarcane sets upto 15<sup>th</sup> February.</li> <li>➤ When planting in a continuous row method, maintain a 1-meter row spacing in medium soil and 1.2 meters in heavy soil. If using the paired row method, maintain 2.5-5 feet spacing in medium soil and 3-6 feet in heavy soil.</li> </ul>



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		<ul style="list-style-type: none"> <li>➤ Use either single or double-eyed sets or one-eyed seedlings grown in plastic trays for planting.</li> <li>➤ Before planting, treat the seed sets by soaking them in a solution of 10 g carbendazim per 10 liters of water for 10-15 minutes.</li> <li>➤ After fungicide treatment, soak the seed sets in a mixture of 1 kg Azotobacter and 125 g phosphate-solubilizing bacteria (PSB) per 100 liters of water for 30 minutes, then plant immediately.</li> </ul>
<b>Strawberry</b>	<b>Fruit maturity</b>	<ul style="list-style-type: none"> <li>➤ Carry out harvesting of Strawberries 85 to 90 days after planting according to maturity of varieties. Carry out harvesting when fruits get red coloured. Use precooling and Cold storage for storage of Strawberries. Life of Strawberry fruits increases by two times by keeping strawberries in 0 to 4 degree Celsius temperature for 4 hours.</li> <li>➤ Give irrigation after every 2 to 3 days through drip according to soil type.</li> </ul>
<b>Grape</b>	<b>Berry development</b>	<ul style="list-style-type: none"> <li>➤ Aphid infestation is observed in some places of district. These aphids are black in colour and honeydew may be seen on bunches and shoots due to its feeding.</li> <li>➤ Imidacloprid 17.8 SL @ 0.4 ml per litre of water is effective. But, these aphids will keep coming for the next month and repeated application of insecticides is not advisable.</li> <li>➤ Install yellow sticky traps to manage them. Application of Lecanicillium lecanii, Beauveria bassiana and Metarhizium anisopliae is also effective against aphids. Planting of trap crop cowpea and killing aphids on these plants by spraying insecticides repeatedly instead of spraying on grapevines is also effective</li> </ul>
<b>Brinjal</b>	<b>Planting</b>	<ul style="list-style-type: none"> <li>➤ Carry out planting of Brinjal plants during February month for Summer season</li> <li>➤ Use Manjari gota, Phule Harit, Krishna(Hybrid), Phule Arjun(Hybrid) varieties</li> <li>➤ Planting distance: Summer season: 75x75cm, Hybrid: 120x90cm</li> </ul> <p>Fertilizer : At the time of planting give 75 kg/ha Nitrogen i.e. (3 Sacks 28 kg Urea), 75 kg/ha Phosphorus i.e. (9 Sacks 18 Kg Single Super Phosphate) and 75 kg/ha Potash i.e. (2 Sacks 29 kg Murate of Potash)</p>
<b>Ginger</b>	<b>Maturity</b>	<ul style="list-style-type: none"> <li>➤ Carry out harvesting of matured rhizomes as per the market demand. Wash the harvested rhizomes with water and keep at safe place.</li> </ul>
<b>Turmeric</b>	<b>Maturity</b>	<ul style="list-style-type: none"> <li>➤ Harvest the crop after completion of its maturity period as per the variety. Before harvesting, irrigation should be stopped 15 to 20 days in advance depending on the soil type. In the ridge and furrow method, harvesting should be done by digging with a hoe, while in the raised bed method, harvesting should be carried out using machinery.</li> </ul>
<b>Mango</b>	<b>Fruit Development</b>	<ul style="list-style-type: none"> <li>➤ To increase the proportion of hermaphrodite flowers, fruit set, and yield in Kesar mango in Western Maharashtra, spray 1% potassium dihydrogen phosphate (100 g/10 liters of water) at the time of flowering and, after one month, spray 1% potassium nitrate (100 g/10 liters of water).</li> </ul>
<b>Animals</b>	<b>Growth</b>	<ul style="list-style-type: none"> <li>➤ Carry out cultivation of fodder crops like Sorghum, Maize, Cowpea and Hybrid Napier grass for summer season.</li> <li>➤ Keep the animals in shade for protection from direct sunlight. Give cool, clean and pure water to animals.</li> </ul>
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Source:

1) Weather Forecast : Research Section, Mumbai

Place : ZARS, KOLHAPUR

Date : 30.01.2026

Sd/-

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