



**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 14.01.2025**

**District: KOLHAPUR**

Last Week Weather Summary (08.01.2025 to 14.01.2025)							Weather Parameters	Weather Forecast (15.01.2025 to 19.01.2025)				
08	09	10	11	12	13	14	Date	15	16	17	18	19
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	-	-	-	-	-
30.5	30.0	28.6	29.0	29.5	31.0	31.0	Max. Temp. (°C)	-	-	-	-	-
15.0	14.5	14.8	14.8	17.0	18.0	17.8	Min. Temp. (°C)	-	-	-	-	-
1	1	2	1	1	1	3	Cloud Cover	-	-	-	-	-
1	4	2	1	2	1	7						
89	90	87	82	80	80	73	Max. RH (%)	-	-	-	-	-
56	62	63	63	49	50	53	Min. RH (%)	-	-	-	-	-
2.0	2.0	1.1	2.2	1.2	1.3	1.4	Wind Speed(km/hr)	-	-	-	-	-
ENE	S	E	ENE	W	ESE	ESE	Wind Direction	-	-	-	-	-
ESE	E	ENE	E	E	SW	ESE						
Rainfall last week				Rainfall since 01.01.2025 (mm)			Rainy days since 01.01.2025					
0.0				0.0			0					

**Agromet Advisory Based on Weather Forecast Prediction**

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 15 <sup>th</sup> to 19 <sup>th</sup> January, 2025 in <b>Kolhapur</b> district. During next 2 days Maximum temperature will remain below normal and thereafter there will be slight rise in maximum temperature. During next 5 days <b>the minimum temperature will increase slightly by 2 to 3°C</b> . Morning relative humidity will remain normal and Afternoon relative humidity also will remain normal. Wind speed will remain normal. The is forecast of foggy condition in hilly region in next 3 days.
<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>➤ Give irrigation to fruit crops during night time for maintaining temperature in orchard.</li> </ul>
<b>SMS Advisory</b>		<ul style="list-style-type: none"> <li>➤ For the wheat crop, spray 19:19:19 water-soluble fertilizer twice, 55 and 70 days after sowing, at the rate of 200 grams in 10 liters of water</li> </ul>
<b>Wheat</b>	<b>Flowering</b>	<ul style="list-style-type: none"> <li>➤ Give irrigation to Wheat crop at 60 to 65 days after sowing during flowering stage.</li> <li>➤ Due to cloudy weather in last week there is incidence Aphid on Wheat thus to control spray the crop with <i>Metarhizium anisopliae</i> or <i>Verticillium lecanii</i> 1.15% W.P. 40 gram per 10 liters of water.</li> </ul>
<b>Rabbi Jowar</b>	<b>Flowering</b>	<ul style="list-style-type: none"> <li>➤ For irrigated Sorghum apply 3<sup>rd</sup> irrigation at 70 to 75 days after sowing during flowering stage of crop and 4<sup>th</sup> irrigation at 90 to 95 days after sowing during grain filling stage of crop.</li> </ul>
<b>Sugarcane</b>	<b>Adsali Sugarcane</b>	<ul style="list-style-type: none"> <li>➤ For the adsali sugarcane at the formative stage, apply fertilizers at the rate of 160 kg nitrogen (347 kg urea) (7.71 bags), 85 kg phosphorus (531 kg single superphosphate) (11.8 bags), and 85 kg potash (142 kg muriate of potash) (3.16 bags) per hectare. For the Co 86032 sugarcane variety, increase the chemical fertilizer dosage by 25%.</li> </ul>
<b>Chilli</b>	<b>Flowering</b>	<ul style="list-style-type: none"> <li>➤ The incidence of White fly is observed in some parts. The Larva and adults sucks the sap from leaves thus it affects crop yield. These white flies responsible for transfer of viral diseases. To control White flies spray the crop with Fenprothrin 30% E.C.5 ml or Pyriproxyfen 10% EC 15 ml per 10 liters of water.</li> <li>➤ Install Yellow and Blue sticks traps @ 20 to 25 per acre.</li> </ul>
<b>Banana</b>	<b>Flowering</b>	<ul style="list-style-type: none"> <li>➤ Due to cloudy weather over the past week, the incidence of Sigatoka disease has been observed in some areas. To control it, the following measures should be taken:</li> <li>➤ Remove and burn the affected parts of leaves/leaves of the plant.</li> <li>➤ Spray the plants with 25 grams of Mancozeb 75% WP or 25 grams of Copper Oxychloride mixed</li> </ul>



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		<p>with 10 ml sticker in 10 liters of water.</p> <ul style="list-style-type: none"><li>➤ If the disease incidence is severe, spray with 5 ml Propiconazole and 100 ml Mineral Oil mixed in 10 liters of water.</li><li>➤ Subsequently, take two more sprays at intervals of 15 to 20 days.</li></ul>
<b>Brinjal</b>	<b>Flowering</b>	<ul style="list-style-type: none"><li>➤ Due to dry condition in last week there is infestation of Mites on Brinjal thus to control spray the crop with Fenprothrin 30% EC 5 ml or Fenakzaquin 10% E.C. 25 ml per 10 liters of water.</li></ul>
<b>Mango</b>	<b>Flowering</b>	<ul style="list-style-type: none"><li>➤ Due to cloudy weather in last week there is incidence of Powdery mildew on Mango crop thus to control spray the crop with Sulphur 80 % WP 25 gram per 10 liters of water.</li></ul>
<b>Onion</b>	<b>Bulb Development</b>	<p>The infestation of Thrips is observed on Onion in some parts. The larvae and adults of thrips scrape the leaves and suck the sap that oozes out. As a result, white spots appear on the leaves, commonly referred to as "scarring."</p> <p><b>Control Measures:</b></p> <ul style="list-style-type: none"><li>➤ Spray Dimethoate 30% EC at 15 ml or Lambda Cyhalothrin 5% EC at 6 ml per 10 liters of water using a hand sprayer. Alternate these insecticides during spraying.</li><li>➤ Periodically spray 5% Neem extract as a preventive measure.</li><li>➤ While spraying, ensure the use of a sticker agent (0.1%) to enhance the effectiveness of the spray.</li></ul>
<b>Animals</b>	<b>Growth</b>	<ul style="list-style-type: none"><li>➤ Keep cattle's inside the sheds during night and provide dry bedding to protect them from cold.</li><li>➤ Increase protein level and minerals in the feed concentrate to keep the animals healthy to cope up with the cold condition.</li></ul>

**Source:**

- 1) Weather Forecast : Research Section, Mumbai
- 2) Last week weather summary : IMD observatory (ZARS,KOLHAPUR)

**Place : ZARS, KOLHAPUR**

**Date : 14.01.2025**

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