



# AGROMET ADVISORY BULLETIN

## GRAMIN KRISHI MAUSAM SEWA, DISTRICT AGROMET UNIT, KRISHI VIGYAN KENDRA, MOHOL, SOLAPUR.



Ph. No. (02189)233001

E-mail: damu.kvkmohol@gmail.com

### 477) Weather based Agromet Advisory committee meeting dated 21.01.2025

#### District: Solapur

Last Week Weather Summary 15.01.2025 to 21.01.2025)							Weather Parameters	Weather Forecast (22.01.2025 to 26.01.2025)				
15	16	17	18	19	20	21	Date	22	23	24	25	26
0.0	0.0	0.0	0.0	0.0	0.0	-	Rainfall (mm)	0.0	0.0	0.0	0.0	0.0
33.8	33.0	32.2	32.0	31.9	33.9	-	Maximum temperature (°C)	34.0	33.0	32.0	34.0	35.0
19.5	20.2	22.1	16.9	17.4	17.4	-	Minimum temperature (°C)	16.0	17.0	19.0	17.0	16.0
Partly Cloudy	Partly Cloudy	Partly Cloudy	Clear Sky	Clear Sky	Clear Sky	-	Cloud Cover	Clear Sky	Partly Cloudy	Partly Cloudy	Clear Sky	Clear Sky
88	89	85	87	86	82	-	Max. RH (%)	83	86	71	78	76
50	48	54	52	49	38	-	Min. RH (%)	44	44	46	49	47
5.6	1.9	3.7	3.7	3.7	1.9	-	Wind Speed(km/hr)	5.0	7.0	6.0	7.0	7.0

#### Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
<b>Weather Summary</b>		<p><b>According to the forecast given by the Regional Meteorological Centre, Mumbai, of the India Meteorological Department, there is a possibility of Clear to partly cloudy Sky from 21<sup>st</sup> January to 25<sup>th</sup> January 2025. During date 21<sup>st</sup> January to 25<sup>th</sup> January 2025, weather may remain dry in the district.</b></p> <p>During next five days maximum temperature will remain nearby 33°C to 35 °c, while minimum temperature will remain nearby 16°C to 19°C. Morning relative humidity will remain between 71 to 86 % and afternoon relative humidity will remain 44 to 49 %. Wind speed will remain up to 5.0 to 7.0 km/h.</p>
<b>Extended Range Forecast (ERFS)</b>		<p>As per ERFS products <b>during 26<sup>th</sup> January to 01<sup>st</sup> January 2025</b>, Ahmednagar, Pune, Satara, Sangli, <b>Solapur</b>, Kolhapur) division</p> <ul style="list-style-type: none"> <li>➤ Rainfall may remain below normal.</li> <li>➤ Maximum temperature may remain below normal.</li> <li>➤ Minimum temperature may remain normal.</li> </ul>
<b>General Advisory</b>		<ul style="list-style-type: none"> <li>➤ Give irrigation to fruit crops during night time for maintaining temperature in orchard.</li> <li>➤ Carry out mulching in vegetable crops and fruit orchards to regulate temperature, retain soil moisture, and minimize evaporation from the soil.</li> <li>➤ Make availability of irrigation to rabbi crops like Wheat, Sorghum, Maize, Safflower and Chickpea in their critical growth→ stages and as per their requirement.</li> <li>➤ Farmers should take necessary precautionary measures while spraying insecticide, fungicide etc.</li> </ul>
<b>SMS Advisory</b>		Farmers should observe the pest and disease incidence on their field and if the infestation is above economic threshold level (ETL) then proper pest and disease management should be done.
Crop	Crop Stage	Advisory
<b>Sugarcane</b>	<b>Sugarcane</b>	<b>Sugarcane Ratoon Management:</b> If the sugarcane stalks remain large length, they



# AGROMET ADVISORY BULLETIN

## GRAMIN KRISHI MAUSAM SEWA, DISTRICT AGROMET UNIT, KRISHI VIGYAN KENDRA, MOHOL, SOLAPUR.



Ph. No. (02189)233001

E-mail: damu.kvkmohol@gmail.com

	<b>Ratoon Management:</b>	should be cut with a sharp sickle near the ground. This allows the shoots to germinate under the soil and increase the total number of shoots. Immediately after cutting spray 0.1% Bavistin (1 g Bavistin in 1 liter of water). This prevents soil borne fungal diseases. <b>Micro Nutrient Management:</b> According to soil test report, in case of micronutrient deficiency 10 kg of ferrous sulphate, 8 kg of zinc sulphate, 4 kg of manganese sulphate and 2 kg of borax should be mixed in 1:10 organic manure for 4 to 5 days in shade and then apply.
<b>Groundnut</b>	<b>Sowing</b>	Summer groundnut should be sown between 15 <sup>th</sup> January to 15 <sup>th</sup> February. For sowing, choose Phule Unnati, JL 776 (Phule Bharti), KDG-160 (Phule Chaitanya) varieties. <b>Seed Treatment:</b> Apply 5 gms of Thyrum or 2 gms of Carbendazim or 3 gms of Mancozeb or 5 gms of Trichoderma biological fungicides per kg of seeds before sowing to protect the crop from seed borne and seedling diseases. Then apply 25 gms of Rhizobium and 25 gms of phosphorus dissolving bactericide per kg of seed and keep treated seed in shade. <b>Nutrient Management:</b> Apply 25 kg N, 50 kg P at the time of sowing. For maximum production of groundnut, gypsum should be applied @ 400 kg per hectare (200 kg per hectare at the time of sowing and the remaining 200 kg per hectare at the time of pegging).
<b>Wheat</b>	<b>Flowering</b>	Give irrigation to wheat crop as per the requirement during flowering stage at 60 to 65 days after sowing. When the crop is 55 to 70 days old spray twice at 19:19:19 as 2% soluble fertilizer (200 gm 19:19:19 in 10 litres of water). Spray the crop with 1 gm Thiamethoxam 25WG in 10 liters of water as soon as incidence of aphid and jassid noticed at ETL.
<b>Rabi Sorghum</b>		The cloudy and humid weather over the past week increases the likelihood of aphid infestation in sorghum crops, leading to the spread of sticky disease. For the control of Sugary Disease, spray the crop with 30% dimethoate 500 ml in 500 liters of water Or Spray thiamethoxam 5 g + Mancozeb 2.5 g per 10 liters of water as required. For preparation of Hurda, harvest Rabi Sorghum variety Phule Madhur cobs at milking stage, and sell for Hurda purpose. Sorghum usually flowering in 70 to 75 days. Apply irrigation in this stage helps in filling the grains in the head. As the weight of the grain increases, so does the yield. Those who have access to irrigation facilities should provide irrigation to the sorghum.
<b>Chick pea</b>	<b>Pod filing stage</b>	The cloudy and humid weather over the past week increases the likelihood of pod borer infestation in chickpea crops. If pod borer infestation is observed on chickpea, it can be controlled by spraying <b>H.A.N.P.V. (Helicoviral)</b> , a viral-based biological insecticide, at the rate of 1 ml per liter of water. Alternatively, chemical insecticides such as <b>Chlorantraniliprole 18.5% SC</b> at the rate of 2.5 ml per 10 liters of water or <b>Lambda Cyhalothrin</b> at the rate of 3 ml per 10 liters of water can be sprayed.
<b>Maize</b>	<b>Growth Stage</b>	Due to the cloudy and humid weather over the past week, if an infestation of Fall Armyworm (Spodoptera) is observed on maize, collect and destroy egg masses from



**AGROMET ADVISORY BULLETIN**  
**GRAMIN KRISHI MAUSAM SEWA, DISTRICT AGROMET**  
**UNIT, KRISHI VIGYAN KENDRA, MOHOL, SOLAPUR.**



**Ph. No. (02189)233001**

**E-mail: damu.kvkmohol@gmail.com**

		affected crops. Additionally, spray 4 grams of Emamectin Benzoate 5 SG insecticide per 10 liters of water. If necessary, after 8 to 10 days, spray 5 ml of a mixed insecticide containing Thiamethoxam 12.6% + Lambda-Cyhalothrin 9.5% per 10 liters of water.
<b>Animal Management</b>		Keep cattle inside the sheds during night and provide dry bedding to protect them from cold. Increase protein level and minerals in the feed concentrate to keep the animals healthy to cope up with the cold condition. Give animal's mineral mixture along with salt regularly and also wheat grains, jaggery etc. @ 10-20% in the daily ration during winter season to meet the energy requirement of the animals.

**Source**

- 1) Weather Forecast : Research Section, Mumbai.  
2) Last week weather summary : Zonal Agriculture Research Station, Solapur.

**Place : Krishi Vigyan Kendra, Mohol.**

**Date : 21<sup>st</sup>, January 2024**

**Sd/-**

**Nodal Officer, DAMU, KrishiVigyan Kendra,  
Mohol, Solapur.**