



AGROMET ADVISORY BULLETIN

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



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485) Weather based Agromet Advisory committee meeting dated 18.02.2025

District: Solapur

| Last Week Weather Summary (12.02.2025 to 18.02.2025) | | | | | | | Weather Parameters | Weather Forecast (19.02.2025 to 23.02.2025) | | | | |
|---|-----------|----|-----------|-----------|-----------|----|-----------------------------|--|--------------|-----------|-----------|-----------|
| 12 | 13 | 14 | 15 | 16 | 17 | 18 | Date | 19 | 20 | 21 | 22 | 23 |
| 0.0 | 0.0 | - | 0.0 | 0.0 | 0.0 | - | Rainfall (mm) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 36.3 | 37.3 | - | 36.4 | 37.8 | 37.4 | - | Maximum temperature (°C) | 37.0 | 38.0 | 37.0 | 36.0 | 36.0 |
| 21.6 | 20.0 | - | -- | 18.0 | 18.6 | - | Minimum temperature (°C) | 19.0 | 18.0 | 19.0 | 20.0 | 19.0 |
| Clear Sky | Clear Sky | - | Clear Sky | Clear Sky | Clear Sky | - | Cloud Cover | Clear Sky | Clear Sky | Clear Sky | Clear Sky | Clear Sky |
| 84 | 71 | - | -- | 81 | 69 | - | Max. RH (%) | 72 | 70 | 66 | 70 | 72 |
| 51 | 46 | - | 41 | 36 | 38 | - | Min. RH (%) | 43 | 43 | 43 | 42 | 43 |
| 0.0 | 5.6 | - | 3.7 | 3.7 | 1.9 | - | Wind Speed(km/hr) | 6.0 | 8.0 | 7.0 | 7.0 | 8.0 |

Agromet Advisory Based on Weather Forecast Prediction

| Crop | Stage | Advisory |
|---------------------------------------|------------|---|
| Weather Summary | | <p>According to the forecast given by the Regional Meteorological Centre, Mumbai, of the India Meteorological Department, there is a possibility of Mainly Clear Sky from 18th February to 22nd February 2025. During date 18th February to 22nd February 2025, weather may remain dry in the district.</p> <p>During next five days maximum temperature will remain nearby 36°C to 38°C, while minimum temperature will remain nearby 18°C to 20°C. Morning relative humidity will remain between 66 to 72 % and afternoon relative humidity will remain 42 to 43 %. Wind speed will remain up to 6.0 to 8.0 km/h.</p> |
| Extended Range Forecast (ERFS) | | <p>As per ERFS products during 16th February to 22nd February 2025, Ahmednagar, Pune, Satara, Sangli, Solapur, Kolhapur) division</p> <ul style="list-style-type: none"> ➤ Rainfall may remain below normal. ➤ Maximum temperature may remain normal. ➤ Minimum temperature may remain normal. |
| General Advisory | | <ul style="list-style-type: none"> ➤ Harvest mature crops like sorghum, chick pea, Safflower etc. ➤ Harvested crops should be threshed and stored in a safe place. ➤ 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. ➤ Farmers should take necessary precautionary measures while spraying insecticide, fungicide etc. |
| SMS Advisory | | 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 |
| Sugarcane | | Apply 74 kg urea per hectare 12 to 16 weeks after pre-season sugarcane plantation. Management of harvested Sugarcane trash: For decomposing of harvested sugarcane |



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| | | |
|-----------------------------------|--------------------------------|--|
| | | leaves apply 80kg Urea and 100kg Single Super Phosphate to the leaves and then apply 10 kg decomposing culture per hector for decomposing of sugarcane trash/leaves by mixing it in cowdung slurry. During February month the rate of evaporation increases up to 5.49 mm per day thus to fulfill Sugarcane crop needs 3.27 liters of water per day so to fulfil this water requirement. Drip Irrigation Unit requires running for 49 minutes daily. |
| Groundnut | | If gaps are found after sowing, seed should be sown and filled immediately. At intervals of 10 to 12 days, 2 to 3 hoeing should be done and 2 weeding should be given. |
| Wheat | Grain filling stage | Give irrigation at important crop development stages is necessary for good yields. Apply irrigation if required at grain filling stage i.e. 80 to 85 days after sowing of wheat crop. |
| Rabi Sorghum | Maturity to Harvesting | If rabi sorghum is in harvest stage, it should be harvested and threshed. Threshed grains should be dried 2 to 3 times in sunlight (Moisture in grains should be less than 10%) and 1 to 2% dried neem leaves should be mixed and stored. |
| Chick pea | Maturity to Harvesting | The chickpea crop matures in 110 to 120 days. Harvesting should not be done when the crop is moist. Harvest the chickpeas only after the pods have dried and hardened, then proceed with threshing. After this, expose the grains to strong sunlight for 5-6 days. Store the chickpeas in a granary and mix 5% neem leaves. This helps prevent pest infestation during storage. |
| Safflower | Harvesting | Rabi safflower should be harvested by combine harvester. If safflower seeds are to be used next season, the fan speed of combine harvester should be 600 to 700 R.P.M. The grains should be kept clean and dried in the sun and stored in a dry place. |
| Watermelon & Muskmelon | Vegetative Growth Stage | The infestation of leaf miner attack for its control spray profenofos 20ml per 10 liter of water. For control of fruit fly erect 5 Qulure pheromone traps per acre. |
| Animal Management | | As the summer season is approaching the arrangement for green fodder to the cattles should be made by sowing fodder crops like sorghum, pearl millet, maize as per availability of water. Due to liver fluke disease animal's intake of feed is reduced. Swelling is observed on lower jaw. In severe condition animal may die. Hence it is most important to give wormicide medicine to animals by consulting veterinary doctor. Always give clean drinking water to animals. The cattles should be avoided by over feeding of sugarcane trash. Per day about 8 kg of green sugarcane trash along with green fodder and dried fodder should be given. The silage and 25 to 30 gm salt mixture is essential to be given to animals. |

Source

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

Place : Krishi Vigyan Kendra, Mohol.

Date : 18th, February 2025

Sd/-

**Nodal Officer, DAMU, Krishi Vigyan Kendra,
Mohol, Solapur.**