



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: SATARA

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
-	-	-	-	-	-	-	Rainfall (mm)	-	-	-	-	-
-	-	-	-	-	-	-	Max. Temp. (°C)	-	-	-	-	-
-	-	-	-	-	-	-	Min. Temp. (°C)	-	-	-	-	-
-	-	-	-	-	-	-	Cloud Cover	-	-	-	-	-
-	-	-	-	-	-	-	Max. RH (%)	-	-	-	-	-
-	-	-	-	-	-	-	Min. RH (%)	-	-	-	-	-
-	-	-	-	-	-	-	Wind Speed(km/hr)	-	-	-	-	-
-	-	-	-	-	-	-	Wind Direction	-	-	-	-	-

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary/ Alert		Weather forecast given by Regional Meteorological Centre, Mumbai has indicated that there is forecast of partially cloudy sky from 15 th to 19 th January, 2025 in Satara 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 the minimum temperature will increase slightly by 2 to 3°C . 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.
General Advisory		<ul style="list-style-type: none"> ➤ Carry out mulching in Vegetable crops and fruit orchards for maintaining soil moisture by minimising evaporation from soil. ➤ Give irrigation to fruit crops during night time for maintaining temperature in orchard.
SMS Advisory		➤ In late-sown wheat fields, sprinkler irrigation should be used to maintain lower temperatures for the crop. The final irrigation with sprinklers should be given between 80 to 85 days after sowing.
Wheat	Flowering	<ul style="list-style-type: none"> ➤ Give irrigation to Wheat crop at 60 to 65 days after sowing during flowering stage. ➤ 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.
Rabbi Jowar	Flowering	➤ For irrigated Sorghum apply 3 rd irrigation at 70 to 75 days after sowing during flowering stage of crop and 4 th irrigation at 90 to 95 days after sowing during grain filling stage of crop.
Strawberry	Fruit maturity	<ul style="list-style-type: none"> ➤ 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. ➤ Give irrigation after every 2 to 3 days through drip according to soil type.
Sugarcane	Adsali Sugarcane	➤ 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%.
Grape	Berry development	➤ Mite infestation may increase in most of the grape areas. Sulphur 80 WDG @ 1.5-2.0 g/L or Abamectin 1.9 EC @ 0.75 ml/L (PHI 30 days) or Bifenazate 22.6 SC @ 0.5 ml/L (PHI 30 days) water may be applied if mite infestation is observed
Pomogranate	Bahar: Hasta Fruit	<ul style="list-style-type: none"> ➤ Insect Pest Management: I. Orchards in Flowering stage / Fruit setting stage: <ol style="list-style-type: none"> 1. Install yellow/ blue sticky traps @ 25-30 traps per acre randomly in a zigzag manner and traps should be tied/hanged 15 cm below from the top canopy of the plant. Depending on the pest



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	setting and development	population, take the following sprays. 2. First spray: Spinetoram 12% SC @ 1.0 ml per litre OR Spinosad 45% SC @ 0.5 ml per litre. 3. Second spray: 7-10 days after first spray, take 2nd spray with Spinosad 45% SC @ 0.5 ml per litre OR Neem oil 1% (10000 ppm) @ 3.0 ml per litre OR Pongamia oil @ 3 ml per litre OR combination of both of oils @ 3 ml per litre + 3 ml per litre with 0.25 ml/L of spreader sticker. 4. Third spray: if required, use, Spinetoram 12 % SC @ 1.0 ml per litre OR Spinosad 45% SC @ 0.5 ml per litre with 0.25 ml/L of spreader sticker
Mango	Flowering	➤ 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.
Onion	Bulb Development	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." Control Measures: ➤ 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. ➤ Periodically spray 5% Neem extract as a preventive measure. ➤ While spraying, ensure the use of a sticker agent (0.1%) to enhance the effectiveness of the spray.
Turmeric	Maturity	➤ Carry out harvesting of crop according varieties and after completion of the crop duration at maturity stage. Stop irrigating crop 15to 20 days before harvesting of matured crop according to soil type.
Brinjal	Flowering	➤ Due to dry condition in last week there is infestation of Mites on Brinjal thus to control spray the crop with Fenpropathrin 30% EC 5 ml or Fenakzaquin 10% E.C. 25 ml per 10 liters of water.
Animals	Growth	➤ Keep cattle's 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. ➤ Do not keep cattle/goat in the open during night time.

Source:

1) Weather Forecast : Research Section, Mumbai

Place : ZARS, KOLHAPUR

Date : 14.01.2025

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