



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 30.05.2025

District: SATARA

Last Week Weather Summary (24.05.2025 to 30.05.2025)							Weather Parameters	Weather Forecast (31.05.2025 to 04.06.2025)				
24	25	26	27	28	29	30	Date	31	01	02	03	04
-	-	-	-	-	-	-	Rainfall (mm)	7	5	9	11	7
-	-	-	-	-	-	-	Max. Temp. (°C)	32	32	33	32	33
-	-	-	-	-	-	-	Min. Temp. (°C)	24	24	25	25	25
-	-	-	-	-	-	-	Cloud Cover	7	7	6	6	6
-	-	-	-	-	-	-	Max. RH (%)	75	72	69	71	72
-	-	-	-	-	-	-	Min. RH (%)	69	65	66	67	69
-	-	-	-	-	-	-	Wind Speed(km/hr)	19	21	17	18	16
-	-	-	-	-	-	-	Wind Direction	W	WSW	WSW	WSW	WSW

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 generally cloudy sky from 31 st May to 4 th June in Satara district . There is forecast of light rainfall at isolated places from 31st May to 4th June. During next 5 days the Tmax may remain between 32.0 to 33.0°C. During next 5 days the minimum temperature may remain between 24.0 to 25.0°C. Morning relative humidity will remain nearby 69 to 75% and Afternoon relative humidity will remain nearby 65 to 69%. Wind speed will remain between 16 to 21 km per hour.
ERFS		According to Extended Range Forecast (ERF) in Madhya Maharashtra Sub Division rainfall will remain below normal, maximum temperature will remain Moderately Below Normal and minimum temperature will remain below normal valid from 4th to 10th June, 2025
General Advisory		➤ Carry out the preparatory tillage operation like ploughing for cultivation of crop in Kharif season. For taking pulse crop in Kharif season carry out deep ploughing followed by 2 harrowing, mix Compost @ 5 ton per hectore before last harrowing which will help in better mixing of compost in soil.
SMS Advisory		Purchase Improved/Hybrid seed from government authorised centres or from Sell units of Agriculture University.
Rice	Nursery preparation	➤ Start the preparation of raised beds for nursery preparation for cultivation of rice in <i>Kharif</i> season. Prepare raised bed of Size 1m wide, 15 cm height and length as per requirement. For 1 hectore of rice, nursery of 10 R is sufficient. ➤ Make arrangements of quality and certified seeds for sowing of crops in the Kharif season.
Maize	Presowing	➤ Land : Select Medium to heavy, well drained especially riverside alluvial soil, having well organic matter content and having well water holding capacity. ➤ Land preparation: Carry out one deep ploughing (15 to 20 cm) and 2 to 3 harrowing. Mix well decomposed FYM or Compost @ 10 to 12 ton per hectore at the time of last harrowing.
Soybean	Land preparation	➤ Land: Select Medium and well drained soil ➤ Land preparation: One ploughing followed by 2 harrowing. ➤ Mix well decomposed FYM or Compost @ 10 to 12 ton per hectore at the time of last harrowing. ➤ Make arrangements of quality and certified seeds for sowing of crops in the Kharif season.
Groundnut	Land preparation	➤ Land: Select Medium and well drained soil ➤ Land preparation: One ploughing followed by 2 harrowing. ➤ Mix well decomposed FYM or Compost @ 10 ton per hectore before last harrowing. ➤ Make arrangements of quality and certified seeds for sowing of crops in the Kharif season.
Tomato	Sowing/	➤ For <i>Kharif</i> season Tomato cultivation carry out sowing of Tomato seeds on raised beds of Size 3m



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	Nursery	<p>length, 1m width and 15 cm height. Removes stones and soil clods from beds and mix 1 <i>ghamela</i> of well decomposed FYM, 50 gram Copper Sulphate and 100 to 150 gram Suphala and make bed plain. Make parallel lines on beds with 7 to 8cm distance and carry out sowing of seeds in that lines. Cover these lines with soil and give water to bed with watering can. The plants will ready to transplant within 3 to 5 weeks.</p> <ul style="list-style-type: none"> ➤ Use Bhagyashri, Dhanashree varieties for sowing. For Long distance market: Phule Raja (Hybrid), More Bita Carotene: Phule Kesari and Cherry Tomato: Phule Jayshree. ➤ Carry out nursery preparation only if there is assured source of irrigation.
Sugarcane	Establishment	<ul style="list-style-type: none"> ➤ White grub : Adults comes together on Acacia, Neem and Ber trees at the time of evening after first shower of rain. First female adults and then male adults come out of the soil. They eat leaves of these trees. During night period shake the branches of these trees due to which adults falls on ground. Collect these adults and destroy them in kerosene mixed water.
Ginger	Planting	<ul style="list-style-type: none"> ➤ Ginger planting should be done up to the first week of June. ➤ For planting, select improved varieties like Varada, Rijatha, Mahim, and Mahima. ➤ Rhizomes should be planted 4 to 5 cm deep. Ensure that the rhizomes are completely covered with soil. Ginger requires moderate sunlight. ➤ According to the slope of the land, decide the method of planting and prepare beds in the direction of the slope. Make sure the beds are uniformly level. ➤ While preparing beds, use the tractor's furrow opener to make straight beds. During planting, take out the seed rhizomes from storage and cut them into uniform pieces (known as "modes"). ➤ The day the ginger piece is planted in the soil, it must receive ample water. Water should be given so that moisture penetrates at least 4 to 5 inches below the planted piece. If this is not achieved, water again the next day to ensure proper soil moisture. Subsequent irrigation should be given every alternate day or every two days depending on soil type, maintaining constant soil moisture. ➤ About eight days after planting, give a light covering of soil (earthing up), as the tips of the longer pieces planted are usually at soil surface level. This is necessary to protect them from heat and prevent exposed buds from getting damaged. ➤ After planting, it is important to control the soil temperature by irrigation. Soil temperature is generally higher compared to the surrounding air. Another important point is to maintain the moisture content in the seed rhizomes. If the rhizomes lose moisture, it affects germination and the growth of new shoots.
Turmeric	Cultivation	<ul style="list-style-type: none"> ➤ If there is possibility of irrigation carry out cultivation of turmeric upto first week of June ➤ Use Phule Swarupa, Selem, Krushna, Rajapuri and Tekurpeta varieties for cultivation. ➤ Use 25 to 30 quintals of rhizome seed per hector cultivation. ➤ Intercrop- Turmeric+Frenchbean, Turmeric+ Fenugreek, Turmeric+ Chilli ➤ Fertilizer- Apply 25 to 40 ton of well decomposed Organic Manure and 100kg Phosphorus and 100 kg Potash per hector. ➤ Organic Turmeric ➤ Biological Rhizome Treatment: Prepear mixture of 500 liters of water+ VAM 12.5 Kg +PSB 5 kg+ Azospirillum 5 kg and Dip rhizomes in it for 15 minutes. ➤ Organic Manures: FYM 15-20 ton/ha + Neem Seed Kernal Extract 4 ton/ha + Vermicompost 2 ton/ha.
Animals	Growth	<ul style="list-style-type: none"> ➤ Carry out vaccination to animals by taking consultation of Veterinarian for prevention of diseases like Foot and Mouth Disease, Black Quarter and Hemorrhagic Septicemia.
Poultry	Growth	<p>Care of Poultry Birds During the Rainy Season</p> <ol style="list-style-type: none"> 1. Shelter and Housing: <ul style="list-style-type: none"> ○ Ensure the poultry shed is well-roofed and leak-proof. ○ Maintain dry and clean flooring by using adequate bedding (like dry straw or sawdust). ○ Elevate the shed floor slightly or improve drainage to prevent waterlogging. ○ Protect against cold drafts and dampness, which can stress the birds. 2. Ventilation and Hygiene:





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		<ul style="list-style-type: none">○ Maintain proper ventilation without exposing birds to direct cold winds.○ Clean and disinfect the coop regularly to prevent fungal and bacterial infections.○ Remove wet litter and replace it frequently to avoid respiratory issues and foot infections. <p>3. Feed and Water:</p> <ul style="list-style-type: none">○ Store feed in a dry, moisture-proof container to prevent fungal growth○ Provide clean, fresh drinking water; check for contamination after heavy rains.○ Add vitamins and electrolytes to water, especially Vitamin C and A, to help boost immunity. <p>4. Health and Disease Management:</p> <ul style="list-style-type: none">○ Watch for signs of diseases like coccidiosis, fowl cholera, and respiratory infections.○ Ensure regular vaccination and deworming as per veterinary guidance.○ Isolate any sick birds immediately to avoid spread. <p>5. Mosquito and Parasite Control:</p> <ul style="list-style-type: none">○ Clear stagnant water around the shed to prevent mosquito breeding.○ Use safe insect repellents or mosquito nets if necessary.○ Dust birds and bedding with appropriate anti-parasitic powders to control lice and mites.
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Source:

1) Weather Forecast : Research Section, Mumbai

Place : ZARS, KOLHAPUR

Date : 30.05.2025

Sd/-

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