



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 01.08.2026

District: SATARA

Last Week Weather Summary (26.08.2026 to 01.09.2026)							Weather Parameters	Weather Forecast (02.09.2026 to 06.09.2026)				
26	27	28	29	30	31	01	Date	02	03	04	05	06
-	-	-	-	-	-	-	Rainfall (mm)	3	4	6	7	5
-	-	-	-	-	-	-	Max. Temp. (°C)	30	30	29	29	29
-	-	-	-	-	-	-	Min. Temp. (°C)	22	22	23	23	23
-	-	-	-	-	-	-	Cloud Cover	7	8	8	7	5
-	-	-	-	-	-	-	Max. RH (%)	82	82	85	82	81
-	-	-	-	-	-	-	Min. RH (%)	77	75	76	77	77
-	-	-	-	-	-	-	Wind Speed(km/hr)	10	12	13	11	9
-	-	-	-	-	-	-	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 cloudy sky on 2 nd , 3 rd , 4 th , 5 th and 6 th September in Satara district . There is forecast of light rainfall at scattered places during 2nd to 6th September in ghat areas. There is forecast to light rainfall at isolated places during 2nd to 6th September in middle and east part of Satara district. During next 5 days Tmax may remain 29.0 to 30.0 °C and Tmin may remain between 22.0 to 23.0°C. Morning relative humidity will remain nearby 81 to 85% and Afternoon relative humidity will remain nearby 75 to 77%. Wind speed will remain between 09 to 13 km per hour.
ERFS		According to the Extended Range Forecast (ERF), over Madhya Maharashtra during 4 th to 10 th September rainfall is likely to remain normal and maximum temperatures likely to remain above normal and minimum temperatures are also likely to remain above normal.
General Advisory		➤ Farmers should download "Meghdoot" android application on mobile for Agromet Advisory Services and "Damini" android application for forecast of lightening. ➤ Carry out spraying of insecticide and fungicide only when there is no rainfall and wind is calm ➤ Provide protective irrigation to kharif crops to prevent water stress during critical growth stages
SMS Advisory		➤ In middle and east part of district carry out mulching in <i>Kharif</i> crop to conserve soil moisture
Rice	Tillering	➤ Maintain the water level in rice fields according to the crop growth stage at 5 to 7.5 cm during the maximum tillering stage of rice ➤ Apply fertilizer dose of Urea @ 500 gram per guntha. ➤ Spray Phule Micronutrient Grade-II @ 40 ml per pump ➤ After transplanting, if yellow stem borer infestation reaches about 5% damaged tillers or an average of one egg mass per square meter, spray Fipronil 5% SC at 20 ml or Flubendiamide 39.35% SC at 1 ml per 10 litres of water. For biological control, release 100,000 adults of <i>Trichogramma japonicum</i> per hectare at weekly intervals, starting one month after transplanting, for a total of four releases. ➤ If rice leaf folder infestation is observed, spray Chlorantraniliprole 18.5% SC at 3 ml or Flubendiamide 39.35% SC at 1 ml per 10 litres of water.
Maize	Vegetative growth	➤ If 30 days have elapsed after maize sowing, apply the nitrogen fertilizer dose using urea at 35 kg per acre. ➤ If 40 days have elapsed after maize sowing, Spray Phule Micronutrient Grade II at 5–7 ml per litre of water. ➤ If 10–20% fall armyworm infestation is observed during the mid- to late-whorl stage of maize, apply any one of the following insecticides in rotation. The doses are given per 10 litres of



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		water: 1. Isocycloseram 18.1% SC @ 6 ml; or 2. Spinetoram 11.7% SC @ 5 ml; or 3. Broflanilide 20% SC @ 2.5 ml; or 4. Flubendiamide 20% WG @ 5 g; or Do not use these insecticides on maize grown as a fodder crop. Follow the prescribed pre-harvest interval.
Sugarcane	Vegetative growth	➤ Spray Suru sugarcane with either 2% urea, 2% DAP, or 2% 19:19:19 water-soluble fertilizer. ➤ If 6–8 weeks have elapsed since the planting of adsali sugarcane, apply urea at 139 kg per acre. ➤ Due to increased humidity during the previous week, brown spot and rust diseases have been observed in some fields. For their control, spray Azoxystrobin 18.2% + Difenconazole 11.4% SC at 10 ml per 10 litres of water (0.1%) during a rain-free period. ➤ For weed control in 30-day-old adsali sugarcane, spray Ametryn 80% WDG @ 50 g per 10 litres of water. ➤ To control sedge-type weeds in adsali sugarcane, spray Halosulfuron-methyl 75% WG @ 1.6–1.8 g per 10 litres of water, 30–45 days after planting. ➤ Use a systemic silicone-based sticker while spraying herbicides. ➤ Increased humidity and higher maximum temperatures have led to the incidence of woolly aphid and pyrilla—both sap-sucking pests—in sugarcane at some locations. As soon as the infestation is noticed, spray chlorpyrifos 20% EC at 30 ml per 10 litres of water or the combination insecticide acephate 50% + imidacloprid 1.8% SP at 50 ml per 10 litres of water.
Soybean	Flowering to Pod filling	➤ Due to increased humidity and maximum temperature the incidence of leaf and pod blight is observed thus to control spray the crop with Tebuconazole 10% + Sulphur 65% W.G. 25 gram or Tebuconazole 25.9% E.C. 12.5 ml per 10 liter of water. ➤ If 60–65 days have elapsed after sowing, spray Phule Micronutrient Grade II at 5 ml per litre of water. ➤ Due to light rainfall, increased maximum temperature and high humidity in some areas, infestation of the tobacco caterpillar (<i>Spodoptera litura</i>) has been observed. Adopt the following management measures: ➤ Economic threshold level: 10 larvae per metre row length before flowering. ➤ Preventive measure: Install pheromone traps using Spodolure at the rate of 5 traps per hectare. ➤ Chemical control: Spray any one of the following insecticides per 10 litres of water: ➤ Flubendiamide 20% WG – 6 g, or Flubendiamide 39.35% SC – 3 ml, or Indoxacarb 15.8% EC – 6 ml, or Spinetoram 11.7% SC – 10 ml. ➤ Farmers in the central and eastern parts should ensure the availability of protective irrigation.
Groundnut	Flowering to peg formation	➤ Continuous rainfall and high relative humidity may favour the incidence of tikka leaf spot and rust in groundnut. As soon as symptoms appear, spray Flubendiamide 3.5% + Hexaconazole 5% WG at 25 g per 10 litres of water.
Green gram	Maturity	➤ If possible carry out harvesting of matured pods when there is no rainfall. Does not delay harvest of matured pods as it lead to shattering of seeds. ➤ Keep the harvested produce at safe place as rainfall is forecasted.
Black gram	Maturity	➤ If possible carry out harvesting of matured pods when there is no rainfall. Does not delay harvest of matured pods as it lead to shattering of seeds. ➤ Keep the harvested produce at safe place as rainfall is forecasted.
Turmeric	Rhizome development	➤ In the past week, due to cloudy and humid weather, infestation of rhizome fly has been observed. The larvae enter through exposed rhizomes and feed on them. Later, pathogenic fungi and nematodes also invade such rhizomes. As a result, the stems and rhizomes become soft, release water, and start rotting. ➤ Control: Carry out timely earthing-up. Place six shallow earthen or plastic containers per hectare, each filled with 200 g of crushed castor seeds + 1.5 liters of water. After 8–10 days, when the mixture starts emitting odor, rhizome flies get attracted and begin to die. This method is very effective, low-cost, and easy to adopt, making it useful in organic turmeric cultivation.



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		Since the flies die before the larvae damage the rhizomes, the method proves especially effective.
Animals	Growth	➤ Provide an additional 1 kg of feed daily to cows in the eighth month of pregnancy and buffaloes in the ninth month of pregnancy for better nutrition. ➤ Deworm buffaloes, cows, goats, and sheep only under the guidance of an authorised veterinarian. ➤ For a Cow use 50 gram of mineral mixture per day.
To download "Meghdoot" app scan QR code		To download "Damini" app scan QR code
		

Source:

1) Weather Forecast : Research Section, Mumbai

Place : ZARS, KOLHAPUR

Date : 01.09.2026

Sd/-

**Nodal Officer, GKMS, &
Associate Director of Research,
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