



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 13.10.2026

District: SATARA

Last Week Weather Summary (07.10.2026 to 13.10.2026)							Weather Parameters	Weather Forecast (14.10.2026 to 18.10.2026)				
07	08	09	10	11	12	13	Date	14	15	16	17	18
-	-	-	-	-	-	-	Rainfall (mm)	0	2	3	5	9
-	-	-	-	-	-	-	Max. Temp. (°C)	36	36	36	35	34
-	-	-	-	-	-	-	Min. Temp. (°C)	19	20	22	23	21
-	-	-	-	-	-	-	Cloud Cover	2	2	3	5	7
-	-	-	-	-	-	-	Max. RH (%)	72	77	80	86	93
-	-	-	-	-	-	-	Min. RH (%)	40	39	39	45	52
-	-	-	-	-	-	-	Wind Speed(km/hr)	6	7	6	6	2
-	-	-	-	-	-	-	Wind Direction	NE	ENE	E	NNE	ENE

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 mainly clear sky on 14 th and 15 th October and generally cloudy sky on 16 th , 17 th and 18 th October in Satara district. There is forecast of light rainfall at isolated places on 16th, 17th and 18th October in Satara district and middle and east part of Satara district. During next 5 days Tmax may remain 34.0 to 36.0 °C and Tmin may remain between 19.0 to 23.0°C. Morning relative humidity will remain nearby 72 to 93% and Afternoon relative humidity will remain nearby 39 to 52%. Wind speed will remain between 02 to 07 km per hour.
Weather warning		Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (30- 40kmph) at isolated places on 15 th , 16 th and 17 th October in Satara district and ghat areas
ERFS		According to the Extended Range Forecast (ERF), over Madhya Maharashtra during 16 th to 22 nd October rainfall is likely to remain above normal and maximum temperatures likely to remain above normal and minimum temperatures are also likely to remain above normal.
General Advisory		➤ Use drip or sprinkler irrigation for irrigating Kharif crop as well as in fruit and vegetable crop. ➤ Spray insecticides and fungicides during a rain-free period and when the wind is calm. ➤ If possible Carry out mulching in fruits and vegetable crop ➤ As rainfall is likely from 16 to 18 October, harvest mature rice, maize, soybean and groundnut crops. Wherever possible, complete threshing and promptly store the produce in a dry and safe place.
SMS Advisory		➤ For the rabi season, assess water availability and select suitable crops and varieties accordingly.
Rice	Grain filling to maturity	➤ For the prevention of bacterial leaf blight, spray Streptocycline @ 2 ml + Copper Oxychloride @ 20 g per pump of water. ➤ Carry out harvesting of Early planted matured short duration rice varieties and keep the harvested and threshed produce at safe place
Rabbi Sorghum	Sowing	➤ By considering water availability carry out sowing of rabbi sorghum at vafasa condition in soil at 5 cm depth, Spacing :45x15cm, ➤ Seed treatment: Apply 4 gram Sulphur (300 Mesh) and 25 gram Azatobactor and P.S.B. Culture to per kg of seed.
Maize	Grain filling/ Preparatory tillage	➤ Provide protection irrigation to Maize crop as per the availability ➤ Carry out harvesting of matured crop and keep the harvested produce at safe place as there is forecast of rainfall from 15th to 17th October. ➤ Start preparatory tillage for Rabi season Maize crop only if there is availability of irrigation
Chick Pea	Presowing	➤ Collect the inputs required for sowing of rabbi chickpea and Carry out sowing of rainfed



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		chickpea upto 10th October at sufficient moisture condition (vafasa) in soil. ➤ Use Vijay, Digvijay, Phule Vikram and Phule Vishvaraj varieties for sowing. ➤ Seed treatment: Treat the seeds Trychodarma Harjiyanam 1.0% W.P. 6 gram per kg of seeds for prevention from Neck rot and root rot then treat the seeds with 250 gram Rayzobium and P.S.B. per 10 kg of Seeds by mixing in cold Jaggary solution. Dry this treated seed under shade almost for 1 hour and then carry out sowing. ➤ For control of Gram Pod borer through Integrated Pest Management carry out sowing of 200 gram of Sorghum by mixing in Chick Pea.
Sugarcane	Vegetative growth	➤ Do not begin preparations for Preseasonal sugarcane planting unless sufficient irrigation water is available. ➤ Increased humidity and higher maximum temperatures have led to the incidence of woolly aphid at some locations. As soon as the infestation is noticed, spray Imidacloprid 17.8% SL @ 3 ml/10 lit of water.
Soybean	Pod filling to maturity	➤ Harvesting of Soybean should carry out after pods gets yellowish red colour and after completion of 100 to 110 days from sowing as per the maturity of crop variety. If harvesting delays pods break and seeds get shattered in field. Harvesting should carry out nearer to ground with help of sharp sickle. Keep the harvested produce at safe place ➤ For late sown and long duration varieties which are at the pod-filling stage, spray 00:00:50 water-soluble fertilizer @ 10 g per litre of water.
Groundnut	Maturity	➤ Groundnut leaves turn yellow, shell of pods become tough and inner side of shell gets blackish colour after attaining maturity. Carry out harvesting of matured crop. Harvested pods should be dried under sunlight as soon as sunlight gets available then store dried pods at dry and safe place. Do not store pods in wet and humid place.
Turmeric	Rhizome development	Rhizome fly control: ➤ As soon as infestation observed use Phorate (10%) G. @ 8kg per hectare. ➤ For control take Quinolphos (25% E.C.) 2 ml or Dimethoate (30%E.C.) 1 ml per liter of water and spray at 15 days interval. ➤ Cover the opened rhizomes with the soil. Timely carry out earthing up. ➤ Take 200 gram coarse castor seed in container and mix 1.5 liter water into it and mix well. Prepare 6 container likewise for 1 hectare of crop. Allow the mixture to soak for 8 to 10 days. Typical smell comes through that mixture which attracts the Rhizome flies and later on fly dies. This control measure used for organic turmeric production which is very effective and requires low cost for preparation.
Strawberry	Planting	➤ In fields where planting was done early, apply Phule Super Biomix to control root rot and stem rot. For soil drenching, mix 200 ml in 10 litres of water. Alternatively, apply 4 litres of Phule Super Biomix mixed with 200 litres of water per acre through drip irrigation. ➤ For nutrient management, apply 45 kg nitrogen, 25 kg phosphorus and 18 kg potassium per hectare through drip irrigation in five equal instalments within one month after planting. ➤ Plant strawberries in two rows on each bed. Lay two drip irrigation lateral lines along each bed and provide one dripper per plant. Each dripper should have a discharge rate of 2 litres per hour.
Ginger	Rhizome development	➤ Provide protective to the crop. Ensure adequate water availability / irrigation for the ginger crop. ➤ The maggots/larvae enter the exposed rhizomes and feed on them. Pathogenic fungi and nematodes subsequently enter these infested rhizomes. As a result, the pseudostems and rhizomes become soft, exude watery fluid, and rot. ➤ Rhizome Fly (Caterpillar/Maggot) Control: ○ Perform timely earthing-up (hilling up soil around the base). ○ Use 6 wide earthen or plastic pans per hectare. In each pan, add 200 g of crushed castor seeds and 1.5 liters of water. After 8 to 10 days, as the mixture begins to emit an odor, the adult rhizome flies are attracted to the trap and drown/die. Since this control measure is highly effective, low-cost, and easy to implement, it plays a vital role in organic ginger cultivation. It is especially effective because adult flies are eliminated before their larvae can damage the rhizomes.



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Animals	Growth	➤ Provide vaccination to the healthy Cattles from authorized for prevention from Foot and Mouth disease ➤ If sufficient soil moisture is available, sow <i>rabi</i> sorghum for fodder to ensure an adequate fodder supply for livestock. If irrigation water is available, cultivate hybrid Napier grass. ➤ If fodder maize is available, use it to prepare silage.
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Source:

1) Weather Forecast : Research Section, Mumbai

Place : ZARS, KOLHAPUR

Date : 13.10.2026

Sd/-

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