



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 01.12.2023

District: SATARA

Last Week Weather Summary (25.11.2023 to 28.11.2023)							Weather Parameters	Weather Forecast (02.12.2023 to 06.12.2023)				
22	23	24	25	26	27	28	Date	29	30	01	02	03
-	-	-	-	-	-	-	Rainfall (mm)	6	0	0	0	0
-	-	-	-	-	-	-	Max. Temp. (°C)	30	31	31	30	30
-	-	-	-	-	-	-	Min. Temp. (°C)	19	17	16	16	16
-	-	-	-	-	-	-	Cloud Cover	5	5	4	4	3
-	-	-	-	-	-	-	Max. RH (%)	77	61	66	68	70
-	-	-	-	-	-	-	Min. RH (%)	47	47	37	34	38
-	-	-	-	-	-	-	Wind Speed(km/hr)	7	10	11	12	9
-	-	-	-	-	-	-	Wind Direction	SE	E	EN	NE	ENE

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary/ Alert		Weather forecast given by Regional Meteorological Centre, Mumbai has indicated there is possibility of partially cloudy sky from 2 nd to 6 th December in Satara district. There is forecast of light rainfall at isolated places in Satara district on 2 nd December. During next 5 days Maximum temperatures will remain nearby 30.0 to 31.0°C and minimum between 16.0 to 19.0°C respectively. Morning relative humidity will remain nearby 61 to 77% and Afternoon relative humidity will remain 34 to 47%. Wind speed will remain from 07 to 12 km/hr. According to Extended Range Forecast (ERF) in Madhya Maharashtra Sub Division rainfall will remain below normal, maximum temperature will remain below normal and minimum temperature will remain normal valid from 6 th to 12 th December, 2023.
Weather warning		Thunderstorm accompanied with lightning, gusty winds reaching 30- 40 kmph and light to moderate rainfall very likely to occur at isolated places in the district of Satara on 1st December.
General Advisory		<ul style="list-style-type: none"> ➤ Farmers should download "Meghdoot" android application on mobile for Agromet Advisory Services and "Damini" android application for forecast of lightening. ➤ Drain out excess of stagnated rainwater from the field. ➤ Carry out spraying of insecticide or fungicide only when there is no rainfall and wind is calm
SMS Advisory		➤ Carry out harvesting of matured crop and keep the harvested and threshed produce at safe place as there is rainfall forecast from on 2 nd December.
Wheat	Crown root Initiation	➤ For control of Aphid infestation on Wheat spray the crop with Thiamethoxam 25% WG 1 gram per hector through mixing in 10 liters of water.
Rabbi Sorghum	Vegetative growth	➤ If completed 30 days after sowing then give fertilizer dose of Nitrogen @ 40kg per hector for irrigated medium soil.
Chick pea	Vegetative growth	<ul style="list-style-type: none"> ➤ For control of Gram Pod Borer spray the crop with 5% <i>Nimboli Ark</i> as soon as flowering stats. ➤ Due to cloudy condition there is incidence of gram pod borer thus to control install 10 to 12 pheromone traps per hector.
Sunflower	Vegetative growth	➤ Upto completion of 30 days after sowing, give fertilizer dose of Nitrogen @ 30kg per hector for irrigated crop.
Sugarcane	Vegetative growth	➤ If there is presence of Conobathra, Micromas and Dipha aphidivora insects along with Aphid then do not use chemical insecticide. If there is non availability of eco friendly insects then Use Phoret 10% granular for 6 to 8 kg per hector for Sugarcane upto 9 month age or Use Dimethoate 30% EC 15 ml per 10 liters of water alternately.
Turmeric	Rhizome Development	➤ Due to humid weather in last week there is possibility of leaf spot disease on Turmeric plant. Take the spray of Carbendezium 50W.P.10 gram by mixing in 10 liters of water. Use sticker while spraying.



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Pomegranate	Mrig Bahar Fruit development and maturity	➤ To control damage from Fruit fly Install 12 McPhail/water bottle traps/ha with Torula yeast/Bactrocera dorsalis lure and replace at 15-20 days' interval.
Strawberry	Vegetative growth	➤ To prevent root rot carry out drenching of Metalaxyl @ 1 gram per liter of water.
Mango	New flush	➤ Due to cloudy and humid weather there is attack of Blight in some parts thus to control take first spray with Azoxystrobin 23% S.C. 10ml per 10 liters of water.
Bitter Gourd	Flowering to fruit development	➤ Due to cloudy and humid weather there is possibility of incidence of Downey mildew on Bitter gourd thus to control spray the crop with Metiram + Pyryaklostrobin 25 gram per 10 liter of water
Animals	Growth	➤ There is possibility of light rainfall on 1 st December thus farmers should take care of cattles and keep the cattles at safe place. ➤ Carry out planting of fodder Crop like Maize, Oat, Barseem, Lucern and Jowar crop.

Source:

- 1) Weather Forecast : Research Section, Mumbai
- 2) Last week weather summary : IMD observatory (ZARS,KOLHAPUR)

Place : ZARS, KOLHAPUR

Date : 01.12.2023

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