



AGROMET ADVISORY BULLETIN

GRAMIN KRISHI MAUSAM SEWA, AMFU, KOLHAPUR

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Weather based Agromet Advisory committee meeting dated 03.02.2023

District: SATARA

Last Week Weather Summary (28.01.2023 to 03.02.2023)							Weather Parameters	Weather Forecast (04.02.2023 to 08.02.2023)				
28	29	30	31	01	02	03	Date	04	05	06	07	08
-	-	-	-	-	-	-	Rainfall (mm)	0	0	0	0	0
-	-	-	-	-	-	-	Max. Temp. ($^{\circ}$ C)	31	32	33	33	33
-	-	-	-	-	-	-	Min. Temp. ($^{\circ}$ C)	13	14	14	15	15
-	-	-	-	-	-	-	Cloud Cover	2	0	1	1	1
-	-	-	-	-	-	-	Max. RH (%)	79	78	76	79	79
-	-	-	-	-	-	-	Min. RH (%)	30	34	35	34	34
-	-	-	-	-	-	-	Wind Speed(km/hr)	10.8	9.9	9.5	9.8	9.1
-	-	-	-	-	-	-	Wind Direction	ENE	ENE	ENE	ENE	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 possibility of mainly clear sky from 4 th to 8 th February in Satara district. During next 5 days Maximum temperatures will remain nearby 31.0 to 33.0 $^{\circ}$ C and minimum between 13.0 to 15.0 $^{\circ}$ C respectively. Morning relative humidity will remain between 76 to 79% and Afternoon relative humidity will remain 30 to 34%. Wind speed will remain from 9.1 to 10.8 km/hr.
General Advisory		<ul style="list-style-type: none"> ➤ Farmers should download and install "Phule Irrigation Scheduler (PSI)" in their android mobile for effective irrigation management of irrigation according to crop stage and type of soil and important information regarding water requirement of crop and run time of irrigation unit. ➤ Give irrigation to fruit crops during night time for maintaining temperature in orchard.
SMS Advisory		<ul style="list-style-type: none"> ➤ During February sugarcane plant requires 3.27 liters water per day to fulfill that requirement it is need to run Drip irrigation unit (4 liters dripper) for 49 minutes per day.
Wheat	Flowering to grain filling	<ul style="list-style-type: none"> ➤ Give irrigation to crop 80 to 85 days after sowing at grain filling stage of wheat crop. ➤ For control of Aphid infestation on Wheat spray the crop with Thiamethoaxam 25% WG 50 gram per hector through mixing in 500 liters of water.
Rabbi Sorghum	Grain filling to maturity	<ul style="list-style-type: none"> ➤ Protect matured sorghum crop from Birds. ➤ At the maturity stage the tip of sorghum grain gets black spot. Carry out harvesting of matures crop. Keep the earheads under sunlight for 8 to 10 days for proper drying.
Chick pea	Flowering to pod filling	<ul style="list-style-type: none"> ➤ For control of gram pod borer install bird perches into chickpea crop and install 5 pheromone traps per hector. ➤ For control of gram pod borer take the spray of Heliokill 500 ml per 500 liter of water per hector.
Sugarcane	Adsali	<ul style="list-style-type: none"> ➤ During February month the rate of evaporation increases up 5.49 mm per day thus sugarcane plant requires 3.27 liters water per day to fulfill that requirement it is need to run Drip irrigation unit (4 liters dripper) for 49 minutes per day.
Tomato	Flowering to fruit development	<ul style="list-style-type: none"> ➤ Due to high humidity during morning hours there is possibility of Blight on Tomato. To control spray the crop with Azoxistrobin 10 ml per 10 liters of water.
Strawberry	Fruit maturity	<ul style="list-style-type: none"> ➤ Due to partially cloudy weather in last week the incidence of leaf roller, leaf eating caterpillar, thrips and sap sucking pest is observed on Strawberry. To control spray the crop with Neem containing insecticide. Use Blue and Yellow coloured sticky traps. Harvesting of fruits is in progress thus avoide use of chemical insecticide.
Okra	Flowering to fruit development	<ul style="list-style-type: none"> ➤ For control of Fruit Borer in Okra take the spray of Deltamethrin 2.8%EC 8 ml or Lambda Cyhalothrin 5% E.C. 6 ml per 10 liters of water. ➤ Use 10 Trichocards per hector.
Onion	Growth	<ul style="list-style-type: none"> ➤ Possibility of incidence of Thrips on Onion to control spray the crop with Verticilium Lecani @ 40



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		gram per 10 liter of water.
Animals	Growth	<ul style="list-style-type: none">➤ Carry out cultivation of fodder crops like Sorghum, Maize, Cowpea and Hybrid Napier grass for summer season.➤ Keep cattle's inside the sheds during night and provide dry bedding to protect them from cold.

Source:

1) Weather Forecast

: Research Section, Mumbai

2) Last week weather summary

: IMD observatory (ZARS,KOLHAPUR)

Place : ZARS, KOLHAPUR

Sd/-

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

Date : 03.02.2023