



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 27.01.2023

District: SANGLI

Last Week Weather Summary (21.01.2023 to 27.01.2023)							Weather Parameters	Weather Forecast (28.01.2023 to 01.02.2023)				
21	22	23	24	25	26	27	Date	28	29	30	31	01
-	-	-	-	-	-	-	Rainfall (mm)	0	0	0	0	0
-	-	-	-	-	-	-	Max. Temp. (°C)	32	32	32	31	32
-	-	-	-	-	-	-	Min. Temp. (°C)	19	18	19	20	21
-	-	-	-	-	-	-	Cloud Cover	0	0	2	1	5
-	-	-	-	-	-	-	Max. RH (%)	65	63	75	72	63
-	-	-	-	-	-	-	Min. RH (%)	41	34	36	46	46
-	-	-	-	-	-	-	Wind Speed(km/hr)	12.1	13.3	14.4	10.6	13.8
-	-	-	-	-	-	-	Wind Direction	158	162	135	148	111

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary		Weather forecast given by Regional Meteorological Centre, Mumbai has indicated there is possibility of partly cloudy sky from 28 th January to 1 st February in Sangli district. During next 5 days Maximum temperatures will remain nearby 31.0 to 32.0 and minimum nearby 18.0 to 21.0°C respectively. Morning relative humidity will remain between 63 to 72% and Afternoon relative humidity will remain 34 to 46%. Wind speed will remain between 10 to 14 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		Carry out spraying of 19:19:19 water soluble fertilizer @ 200 gram per 10 liters of water after 70 days of sowing of Wheat crop.
Wheat	Flowering to grain filling	<ul style="list-style-type: none"> ➤ For control of Aphid infestation on Wheat spray the crop with Thiamethoaxam 25% WG 50 gram per hectare through mixing in 500 liters of water. ➤ Due to partially cloudy weather there is possibility of rust thus to control spray the crop with Mancozeb @1.5 kg per 500 liters of water.
Rabbi Sorghum	Grain filling to maturity	<ul style="list-style-type: none"> ➤ Protect matured sorghum crop from Birds.
Sugarcane	Planting	<ul style="list-style-type: none"> ➤ Suru: Complete the Sugarcane planting up to 15th February select the varieties Co.86032 (Nira) and Co.M.0265 (Phule 265). Planting of sugarcane with the 30 to 45 old nursery plants grown from single bud in nursery is very beneficial compared to planting method with sets as it saves irrigation, weeding, fertilizer and supervision required during 30 to 45 days period. For planting of Sugarcane with sets select 9 to 10 month old healthy, genetically pure sugarcane sets.
Grape	Flowering to berry development	<ul style="list-style-type: none"> ➤ Bunch webbing caterpillars may start damaging bunches in most of the grape areas where humidity is high. The most effective way to control them is to collect and kill them by hand as insecticides may not reach inside the bunch.
Turmeric	Maturity	<ul style="list-style-type: none"> ➤ Carry out harvesting of crop according varieties and after completion of the crop duration at maturity stage. Stop irrigating crop 15 to 20 days before harvesting of matured crop according to soil type.
Ginger	Maturity	<ul style="list-style-type: none"> ➤ Carry out harvesting of matured rhizomes as per the market demand. Wash the harvested rhizomes with water and keep at safe place.
Brinjal	Flowering to Fruit development	<ul style="list-style-type: none"> ➤ For control of infestation of Mites spray the crop with Fenprothrin 30%EC 5ml or Dicofol 18.5% EC 25 ml per 10 liters of water.
Okra	Flowering to fruit	<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.



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	development	➤ Use 10 Trichocards per hectore.
Animals	Growth	➤ Increase protein level and minerals in the feed concentrate to keep the animals healthy to cope up with the cold condition.

Source:

1) Weather Forecast

: Research Section, Mumbai

2) Last week weather summary

: IMD observatory (ZARS,KOLHAPUR)

Place : ZARS, KOLHAPUR

Sd/-

Date :27.01.2023

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