



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 16.04.2024

District: SANGLI

Last Week Weather Summary (10.0.2024 to 16.04.2024)							Weather Parameters	Weather Forecast (17.04.2024 to 21.04.2024)				
10	11	12	13	14	15	16	Date	17	18	19	20	21
-	-	-	-	-	-	-	Rainfall (mm)	4	8	7	0	0
-	-	-	-	-	-	-	Max. Temp. (°C)	40	41	42	41	41
-	-	-	-	-	-	-	Min. Temp. (°C)	26	27	26	26	26
-	-	-	-	-	-	-	Cloud Cover	4	6	3	4	4
-	-	-	-	-	-	-	Max. RH (%)	64	71	60	57	55
-	-	-	-	-	-	-	Min. RH (%)	30	38	40	32	34
-	-	-	-	-	-	-	Wind Speed(km/hr)	14	15	14	17	17
-	-	-	-	-	-	-	Wind Direction	SSW	WNW	W	W	ESE

Agromet Advisory Based on Weather Forecast

Crop	Stage	Advisory
Weather Summary		Weather forecast given by Regional Meteorological Centre, Mumbai has indicated that there is possibility of partially cloudy sky on 17th, 19th, 20th and 21st April and generally cloudy sky on 18th April in Sangli district. There is forecast of light rainfall at isolated places in Sangli district on 17th, 18th and 19th April. During next 5 days Maximum temperatures will remain nearby 40.0 to 42.0 and minimum nearby 26.0 to 27.0 °C respectively. Morning relative humidity will remain between 55 to 71% and Afternoon relative humidity will remain 30 to 40%. Wind speed will remain between 14 to 17 km/hr. According to Extended Range Forecast (ERF) in Madhya Maharashtra Sub Division rainfall will remain above normal, maximum temperature will remain below Normal and minimum temperature will remain normal valid from 17 th to 23 rd April, 2024
Weather warning		Thunderstorm accompanied with lightning, light to moderate rain and gusty winds with speed reaching 30-40 kmph very likely to occur at isolated places in the districts of Sangli on 17 th April
General Advisory		<ul style="list-style-type: none"> ➤ Farmers should carry out farm operations during early morning or late evening hours. Working in field during afternoon hours should avoided as there is forecast of increase in Tmax upto 42.0°C. While going out farmers should wear slightly loose and light coloured cloths. Farmers should wear cap, handkerchief and Umbrella for protection from bright shunshine. ➤ Possibility of increase in maximum temperature up to 42°C thus farmers should take care of themselves and their cattle's. ➤ Use drip and sprinkler irrigation system to irrigate summer crop. ➤ Provide sufficient pure and cool water to animal to drink. Give sufficient protein containing diet, sufficient green fodder and Mineral mixture to animals. ➤ Carry out mulching in fruit and vegetable crop. Provide irrigation to crop during morning or evening hours. ➤ During high temperature avoid applying fertilizers to crop.
SMS Advisory		➤ To protect the newly planted fruit crops from bright sunshine hours provide shade to the newly planted fruit crops
Maize	Maturity	➤ Carry out harvesting of matured crop. Dry the earheads under sunlight and then carry out threshing. Keep the farm produce at safe place.
Sorghum	Maturity	➤ If possible keep Sorghum fodder (<i>Kadaba</i>) at safe place otherwise Cover the Sorghum fodder (<i>Kadaba</i>) with polythene sheets.
Groundnut	Pod development	➤ For fulfilling the deficiency of micronutrients in standing crop spray the crop with 0.5% Fe and 0.2% Zinc Sulphate mixture at 50 and 70 days after sowing.
Sugarcane	Vegetative Growth	➤ Give irrigation to Sugarcane crop with interval of every 10 to 12 days. During April month carry out mulching in Sugarcane with Sugarcane trash. If there is low availability of water give



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		irrigation in alternate furrows.
Grape	Foundation pruning	Foundation pruning: 1. If planning for foundation pruning in next 10- 15 days, it is advised to get soil and water analysed for planning nutrient and water application schedule for foundation pruning season. (Only for Jat, Kadegaon, Kavthemahankal, Miraj, Tasgaon, Khanapur and Walva)
	Resins	1. Cover the raisin sheds to avoid entry of rainwater inside the drying shed. 2. If water enters inside a drying shed, remove the water immediately to avoid humidity build up. 3. Don't allow stagnation of water near the drying shed. 4. If humidity is increased, use fans to reduce humidity.
Tomato	Fruit development	➤ Thunderstorm accompanied with lightning, light to moderate rain & gusty winds reaching 30-40 kmph very likely to occur at isolated places in the district thus carry out staking to the Tomato plants.
Banana	Growth	➤ Due to the gusty winds there is possibility of lodging Banana plants thus give support to Banana plants.
Coconut	Growth	➤ There is possibility of increase in intensity of solar radiation thus give shade with help of shade net to protect the plant from high intensity of sunlight.
Animals	Growth	Possibility of increase temperature upto 42.0°C thus following measures should be taken for protection of cattle's from heat... ➤ Buffalos having very low sweat glands and their skin is black coloured thus they get more trouble due to increased temperature so allow Buffaloes for wallowing during summer season. ➤ Keep the cattle's under shade. If possible sprinkle water 4 to 5 times through out day. ➤ Do not allow animals for grazing during afternoon hours.

Source:

1) Weather Forecast

: Research Section, Mumbai

2) Last week weather summary

: IMD observatory (ZARS,KOLHAPUR)

Place : ZARS, KOLHAPUR

Date :16.04.2024

Sd/-

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