



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 28.03.2025

District: KOLHAPUR

Last Week Weather Summary (22.03.2025 to 28.03.2025)							Weather Parameters	Weather Forecast (29.03.2025 to 02.04.2025)				
22	23	24	25	26	27	28	Date	29	30	31	01	02
0.0	0.0	0.0	0.0	4.6	0.0	0.0	Rainfall (mm)	0	10	7	3	1
37.0	37.0	37.5	37.4	37.0	36.0	36.8	Max. Temp. (°C)	37	38	37	36	35
19.0	19.2	19.0	23.5	21.0	22.0	21.2	Min. Temp. (°C)	21	23	24	24	24
0	0	6	7	0	0	0	Cloud Cover	3	2	2	2	3
0	0	0	4	4	2	0						
59	76	87	77	95	69	65	Max. RH (%)	49	50	51	51	51
29	30	44	43	42	45	42	Min. RH (%)	30	31	31	30	31
2.3	2.2	2.5	2.8	2.7	3.0	2.8	Wind Speed(km/hr)	3	4	2	2	1
WNW	W	ESE	WNW	SSW	NW	NW	Wind Direction	348	338	243	207	252
NW	N	NE	NNW	WNW	WNW	N						
Rainfall last week				Rainfall since 01.01.2025 (mm)			Rainy days since 01.01.2025					
4.6				4.6			1					

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary		Weather forecast given by Regional Meteorological Centre, Mumbai has indicated that there is forecast of partially cloudy sky from 29 th March to 2 nd April, 2025 in Kolhapur district. There is forecast of light rainfall at isolated places 30th March to 2nd April, 2025 in Kolhapur district. During next 5 days Tmax may remain nearly between 35.0 to 37.0°C. During next 5 days the minimum temperature may remain between 21.0 to 24.0°C. Morning relative humidity will remain nearby 49 to 51% and Afternoon relative humidity will remain nearby 30 to 31%. Wind speed will remain between 1 to 4 kmhr ⁻¹ .
ERFS		According to Extended Range Forecast (ERF) in Madhya Maharashtra Sub Division rainfall will remain below normal, maximum temperature will remain Normal to Above Normal and minimum temperature will remain Normal to Above Normal valid from 4 th to 10 th April, 2025
Weather warning		Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (30-40kmph) at isolated places in ghats of Kolhapur and Kolhapur district on 29 th and 30 th March
General Advisory		<ul style="list-style-type: none"> ➤ Carry out harvesting of matured crop, carry out threshing and keep the harvested and threshed produce at safe place as there is forecast of light rainfall on 29th March to 2nd April (Wheat, Sorghum, Maize and Onion) ➤ During March month Sugarcane crop needs 6.06 liters of water per day thus for fulfilling that requirement Drip Irrigation Unit (4liters dripper) need to run for 1 hour and 31 minutes daily. ➤ Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (30-40kmph) at isolated places in ghats of Kolhapur and Kolhapur district on 29th and 30th March thus farmers should take care of themselves and their cattles
SMS Advisory		Farmers should download "Meghdoot" android application on mobile for Agromet Advisory Services and "Damini" android application for forecast of lightening.
Wheat	Maturity	<ul style="list-style-type: none"> ➤ Carry out threshing of harvested matured late sown varieties of wheat crop and keep the threshed produce at safe place as there is forecast of rainfall from 29th March to 2nd April ➤ During storage of wheat for seed purpose there is chances of infestation of Weevils or Beetles thus to prevent damage due to that pest carry out seed treatment with Vekhand Powder @ 10 gram per 10 kg of seed.
Maize	Maturity	➤ Carry out threshing of harvested matured varieties of Maize crop and keep the threshed produce at safe place as there is forecast of rainfall from 29 th March to 2 nd April
Rabbi Sorghu	Grain filling to maturity	➤ Carry out threshing of harvested matured crop and keep threshed produce at safe place as there is forecast of light rainfall from 29 th March to 2 nd April



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Groundnut	Pod development	<ul style="list-style-type: none">➤ Due to dry weather the incidence of Thrips, Hoppers and Leaf miner is observed in Groundnut thus to control spray the crop with Quinalphos 25 E.C. 20 ml per 10 liters of water.➤ Give irrigation with interval of 7 to 10 days to Summer Groundnut crop according to soil type.
Sugarcane	Vegetative Growth	<ul style="list-style-type: none">➤ Give second Fertilizer dose of 40% Nitrogen (100kg N i.e 217 Kg Urea/hectar) to Suru Sugarcane at time of 6 to 8 weeks after planting.
Chilli	Flowering	<ul style="list-style-type: none">➤ Due to dry weather there is possibility of incidence of Mites on Chilli. If incidence observes then spray the crop with Fenprothrin 30% EC 5 ml or Fenazaquin 10 EC 25 ml per 10 liters of water.
Ridge gourd	Flowering	<ul style="list-style-type: none">➤ For summer vegetable vine crops carry out weeding and give second dose of Nitrogen.➤ Carry out staking to the vine crops.
Mango	Fruit development	<ul style="list-style-type: none">➤ There is possibility for incidence of fruit fly on mango fruits of egg size. Collect and destroy all fallen fruits and install "Rakshak fruit fly trap" @ 2 traps per acre.
Onion	Maturity	<ul style="list-style-type: none">➤ Carry out harvesting of mature crop and keep the harvested produce at safe place.
Tomato	Growth	<ul style="list-style-type: none">➤ Due to dry weather from last week incidence of white fly and thrips is observed in tomato crop thus to control spray the crop with Imidacloprid 0.5 ml in 1 liter of water during dry weather.➤ There is forecast of rainfall and high wind speed thus there is possibility of lodging of crop thus to prevent it carry out staking to Tomato plant.
Animals	Growth	<ul style="list-style-type: none">➤ Carry out vaccination to all healthy animals in March month for prevention from Foot and Mouth disease by taking advice from authorized Veterinarian. Do not give vaccine to pregnant animals and calf's age below 3 month age. Measures 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.➤ Provide sufficient, pure and cool water for drinking to animals. Give protein rich green fodder and mineral mixture to animals.➤ Do not allow animals for grazing during afternoon hours.
Poultry Bird	Growth	For protection of Poultry bird from heat cover the sides of Poultry shed with gunny bags and spray the water on it frequently so that temperature inside the poultry remains down. Take care to remain ventilation inside the poultry shed.

Source:

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

Place : ZARS, KOLHAPUR

Date : 28.03.2025

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