



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 30.01.2026

District: KOLHAPUR

Last Week Weather Summary (24.01.2026 to 30.01.2026)							Weather Parameters	Weather Forecast (31.01.2026 to 04.02.2026)				
24	25	26	27	28	29	30		Date	31	01	02	03
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
29.0	29.4	31.0	31.5	31.2	31.0	31.4	Max. Temp. (°C)	30	31	31	31	32
13.8	14.6	17.8	19.2	17.6	17.2	16.8	Min. Temp. (°C)	20	19	19	19	21
0	0	0	0	0	0	0	Cloud Cover	3	1	1	0	3
0	0	0	8	8	4	4		69	66	62	59	55
82	81	79	89	83	73	76	Max. RH (%)	41	38	37	37	36
44	45	46	55	47	49	44	Min. RH (%)	5	6	6	6	6
2.7	2.7	2.6	3.6	3.7	2.5	2.8	Wind Speed(km/hr)	ESE	ESE	ESE	ESE	SE
WNW	WNW	ESE	NW	NE	ESE	ESE	Wind Direction	Rainy days since 01.01.2026				
NW	SW	SE	NE	E	SE	SE		3.2	3.2	3		
Rainfall last week			Rainfall since 01.01.2026 (mm)				Rainy days since 01.01.2026					
3.2												

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 on 31 st January and 4 th February and mainly clear sky on 1 st , 2 nd and 3 rd February in Kolhapur district. During next 5 days Tmax may remain between 30.0 to 32.0°C, the minimum temperature may remain nearby 19.0 to 21.0°C. Morning relative humidity will remain nearby 55 to 69% and Afternoon relative humidity will remain nearby 36 to 41%. Wind speed will remain between 05 to 06 kmhr ⁻¹ .	
ERFS		According to the Extended Range Forecast (ERF) for the Madhya Maharashtra Sub-Division, there is forecast of below normal rainfall, Maximum temperatures are expected to remain below normal, while minimum temperatures are likely to remain normal during the period from 4 th to 10 th February 2026.	
General Advisory		<ul style="list-style-type: none"> ➤ Carry out mulching in Vegetable crops and fruit orchards for maintaining soil moisture by minimising evaporation from soil. ➤ Provide support structures for vine crops; use a mandap (trellis) system for bottle gourd and a staking method for other crops. 	
SMS Advisory		<ul style="list-style-type: none"> ➤ February: Evaporation is 5.49 mm/day, giving a sugarcane water requirement of 3.27 liters/day; therefore, the 4-liter drip system should be operated for 49 minutes daily. 	
Wheat	Flowering to milking	<ul style="list-style-type: none"> ➤ Due to an increase in atmospheric humidity during the past week, the incidence of rust disease has been observed in the wheat crop. As soon as symptoms of rust disease appear, spray Mancozeb 75% WP at the rate of 30 grams per 10 liters of water, or spray the combined fungicide Tebuconazole 50% + Trifloxystrobin 25% WG at the rate of 10 grams per 10 liters of water. 	
Maize	Vegetative	<ul style="list-style-type: none"> ➤ Due to partially cloudy sky and increased relative humidity during last week the infestation of American Army worm/ <i>Spodoptera Frugiperda</i> is observed in some parts. Following control measures. ➤ Physical Control: Collect the clusters of eggs and destroy it ➤ Chemical Control: ➤ During early growth stages of larvae (1st to 3rd stage) spray the crop with Neem ark 1500 PPM 5 ml or Nimboli Ark 5% per liter water Or ➤ Spray the crop with Chlorantraniprol 18.5% SC 40 GAI per hectare or Emamectin Benzoate 5% SG 8 gram per liter water Or ➤ Spray the crop with Spinetoram 11.7 S.G. @ 0.5 ml per liter of water 	
Chick	Flowering	<ul style="list-style-type: none"> ➤ For control of gram pod borer install bird perches into chickpea crop and install 5 pheromone traps 	



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pea	to pod filling	per hecter. <ul style="list-style-type: none"> ➤ For control of gram pod borer take the spray of Heliokill 500 ml per 500 liter of water per hecter.
Groundnut	Sowing	<ul style="list-style-type: none"> ➤ Carry out sowing of Groundnut upto 15th February only if there is availability of irrigation facility. ➤ Seed treatment: Carry out seed treatment by applying Mancozeb @2.5 gram or Trichoderma @ 4 gram per kg of seed. ➤ After fungicide seed treatment carry out seed treatment with Rhizobium @ 25 gram and Phosphorus Solubilizing Bacteria @ 25 gram per kg of seed. ➤ Fertilizer dose: Give fertilizer dose of Nitrogen @ 25 kg, Phosphorus @ 50 kg at the time of sowing of Groundnut crop. Give phosphorus through Single Super phosphate. Give first dose of Gypsum @ 125 kg per hecter. ➤ Soils with deficiency of micronutrient like Zinc and Boron should be applied 25 kg Zinc Sulphate and 5 kg Borax with Organic manures before sowing once in 2 year.
Sugarcane	Suru	<ul style="list-style-type: none"> ➤ Complete pre-planting land preparation and plant two-eyed sugarcane sets upto 15th February. ➤ When planting in a continuous row method, maintain a 1-meter row spacing in medium soil and 1.2 meters in heavy soil. If using the paired row method, maintain 2.5-5 feet spacing in medium soil and 3-6 feet in heavy soil. ➤ Use either single or double-eyed sets or one-eyed seedlings grown in plastic trays for planting. ➤ Before planting, treat the seed sets by soaking them in a solution of 10 g carbendazim per 10 liters of water for 10-15 minutes. ➤ After fungicide treatment, soak the seed sets in a mixture of 1 kg Azotobacter and 125 g phosphate -solubilizing bacteria (PSB) per 100 liters of water for 30 minutes, then plant immediately.
Brinjal	Planting	<ul style="list-style-type: none"> ➤ Carry out planting of Brinjal plants during February month for Summer season ➤ Use Manjari gotha, Phule Harit, Krishna(Hybrid), Phule Arjun(Hybrid) varieties ➤ Planting distance: Summer season: 75x75cm, Hybrid: 120x90cm Fertilizer : At the time of planting give 75 kg/ha Nitrogen i.e. (3 Sacks 28 kg Urea), 75 kg/ha Phosphorus i.e. (9 Sacks 18 Kg Single Super Phosphate) and 75 kg/ha Potash i.e. (2 Sacks 29 kg Murate of Potash)
Mango	Fruit Development	<ul style="list-style-type: none"> ➤ To increase the proportion of hermaphrodite flowers, fruit set, and yield in Kesar mango in Western Maharashtra, spray 1% potassium dihydrogen phosphate (100 g/10 liters of water) at the time of flowering and, after one month, spray 1% potassium nitrate (100 g/10 liters 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 the animals in shade for protection from direct sunlight. Give cool, clean and pure water to animals.

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Source:

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

Place : ZARS, KOLHAPUR

Date : 30.01.2026

Sd/-
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Associate Director of Research,
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