



AGROMET ADVISORY BULLETIN

GRAMIN KRISHI MAUSAM SEWA, AMFU, KOLHAPUR

ZONAL AGRICULTURAL RESEARCH STATION, SHENDA PARK, KOLHAPUR



Ph. No. 0231 2692416

E-mail: adrkolhapur@rediffmail.com

Weather based Agromet Advisory committee meeting dated 01.09.2026

District: KOLHAPUR

Last Week Weather Summary (26.08.2026 to 01.09.2026)							Weather Parameters	Weather Forecast (02.09.2026 to 06.09.2026)				
26	27	28	29	30	31	01	Date	02	03	04	05	06
4.8	4.2	3.0	2.0	2.0	4.2	0.0	Rainfall (mm)	5	4	3	5	4
27.5	28.5	28.2	28.0	28.2	29.0	28.0	Max. Temp. (°C)	27	27	27	27	27
22.2	22.0	22.5	21.6	22.0	21.5	22.0	Min. Temp. (°C)	23	23	23	23	23
8	8	8	8	8	8	8	Cloud Cover	8	8	8	6	5
8	6	5	6	6	6	5						
88	96	91	90	90	92	87	Max. RH (%)	90	90	90	91	92
82	75	78	81	83	75	75	Min. RH (%)	75	75	78	75	75
4.6	5.0	5.2	7.7	6.7	5.5	3.4	Wind Speed(km/hr)	11	11	11	9	7
W	SW	W	SW	SW	SW	WSW	Wind Direction	WSW	WSW	WSW	WSW	WSW
SW	NW	SW	WNW	W	NW	NW						
Rainfall last week				Rainfall since 01.01.2026 (mm)				Rainy days since 01.01.2026				
20.2				797.4				56				

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 generally cloudy sky on 2 nd , 3 rd , 4 th , 5 th and 6 th September in Kolhapur district. There is forecast of light rainfall at scattered places from 2nd to 6th September in ghat areas of Kolhapur district while there is forecast of light rainfall isolated places from 2nd to 6th September in middle and east Kolhapur district. Over the next five days, the maximum temperature is expected to remain between 27.0°C and 28.0°C, while the minimum temperature may range from 22.0 to 23.0 °C. Morning relative humidity is likely to remain between 90 to 92%, whereas afternoon relative humidity may range from 75 to 78%. Wind speed is expected to remain between 07 and 11 km/h.
ERFS		According to the Extended Range Forecast (ERF), over Madhya Maharashtra during 4 th to 10 th September rainfall is likely to remain normal and maximum temperatures likely to remain above normal and minimum temperatures are also likely to remain above normal.
General Advisory		➤ Farmers should download "Meghdoot" android application on mobile for Agromet Advisory Services and "Damini" android application for forecast of lightening. ➤ Carry out spraying of insecticide and fungicides when there is no rainfall and wind is calm ➤ Provide protective irrigation to kharif crops to prevent water stress during critical growth stages
SMS Advisory		➤ In middle and east part of district carry out mulching in <i>Kharif</i> crop to conserve soil moisture
Rice	Tillering	➤ Maintain the water level in rice fields according to the crop growth stage at 5 to 7.5 cm during the maximum tillering stage of rice ➤ Apply fertilizer dose of Urea @ 500 gram per guntha. ➤ Spray Phule Micronutrient Grade-II @ 40 ml per pump ➤ If rice leaf folder infestation is observed, spray Chlorantraniliprole 18.5% SC at 3 ml or Flubendiamide 39.35% SC at 1 ml per 10 litres of water.
Finger millet	Vegetative growth	➤ Finger millet is currently in the vigorous growth stage. If the second dose of nitrogen has not yet been applied, carry out hand weeding or intercultivation and apply the recommended nitrogen dose. ➤ If leaf blight is observed, spray carbendazim at 2 g per litre of water. If leaf-eating caterpillars or shoot fly infestation is noticed, spray a recommended systemic insecticide. ➤ Spray Phule Micronutrient Grade-II at 50 ml per 10 litres of water. ➤ Keep the crop free from weeds.



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Maize	Vegetative growth	➤ If 30 days have elapsed after maize sowing, apply the nitrogen fertilizer dose using urea at 35 kg per acre. ➤ If 40 days have elapsed after maize sowing, Spray Phule Micronutrient Grade II at 5–7 ml per litre of water. ➤ If 10–20% fall armyworm infestation is observed during the mid- to late-whorl stage of maize, apply any one of the following insecticides in rotation. The doses are given per 10 litres of water: 1. Isocycloseram 18.1% SC @ 6 ml; or 2. Spinetoram 11.7% SC @ 5 ml; or 3. Broflanilide 20% SC @ 2.5 ml; or 4. Flubendiamide 20% WG @ 5 g; or Do not use these insecticides on maize grown as a fodder crop. Follow the prescribed pre-harvest interval.
Sugarcane	Vegetative growth	➤ Spray Suru sugarcane with either 2% urea, 2% DAP, or 2% 19:19:19 water-soluble fertilizer. ➤ If 6–8 weeks have elapsed since the planting of adsali sugarcane, apply urea at 139 kg per acre. ➤ Due to increased humidity during the previous week, brown spot and rust diseases have been observed in some fields. For their control, spray Azoxystrobin 18.2% + Difenconazole 11.4% SC at 10 ml per 10 litres of water (0.1%) during a rain-free period. ➤ For weed control in 30-day-old adsali sugarcane, spray Ametryn 80% WDG @ 50 g per 10 litres of water. ➤ To control sedge-type weeds in adsali sugarcane, spray Halosulfuron-methyl 75% WG @ 1.6–1.8 g per 10 litres of water, 30–45 days after planting. ➤ Use a systemic silicone-based sticker while spraying herbicides. ➤ Carry out gap filling in Adsali Sugarcane ➤ Increased humidity and higher maximum temperatures have led to the incidence of woolly aphid and pyrilla—both sap-sucking pests—in sugarcane at some locations. As soon as the infestation is noticed, spray chlorpyrifos 20% EC at 30 ml per 10 litres of water or the combination insecticide acephate 50% + imidacloprid 1.8% SP at 50 ml per 10 litres of water.
Soybean	Flowering to Pod filling	➤ Due to increased humidity and maximum temperature the incidence of leaf and pod blight is observed thus to control spray the crop with Tebuconazole 10% + Sulphur 65% W.G. 25 gram or Tebuconazole 25.9% E.C. 12.5 ml per 10 liter of water. ➤ If 60–65 days have elapsed after sowing, spray Phule Micronutrient Grade II at 5 ml per litre of water. ➤ Due to light rainfall, increased maximum temperature and high humidity in some areas, infestation of the tobacco caterpillar (<i>Spodoptera litura</i>) has been observed. Adopt the following management measures: ➤ Economic threshold level: 10 larvae per metre row length before flowering. ➤ Preventive measure: Install pheromone traps using Spodolure at the rate of 5 traps per hectare. ➤ Chemical control: Spray any one of the following insecticides per 10 litres of water: ➤ Flubendiamide 20% WG – 6 g, or Flubendiamide 39.35% SC – 3 ml, or Indoxacarb 15.8% EC – 6 ml, or Spinetoram 11.7% SC – 10 ml. ➤ Farmers in the central and eastern parts should ensure the availability of protective irrigation.
Groundnut	Flowering to peg formation	➤ Continuous rainfall and high relative humidity may favour the incidence of tikka leaf spot and rust in groundnut. As soon as symptoms appear, spray Flubendiamide 3.5% + Hexaconazole 5% WG at 25 g per 10 litres of water.
Green gram	Maturity	➤ If possible carry out harvesting of matured pods when there is no rainfall. Does not delay harvest of matured pods as it lead to shattering of seeds. ➤ Keep the harvested produce at safe place as rainfall is forecasted.
Black gram	Maturity	➤ If possible carry out harvesting of matured pods when there is no rainfall. Does not delay harvest of matured pods as it lead to shattering of seeds. ➤ Keep the harvested produce at safe place as rainfall is forecasted.
Brinjal	fruit formation	➤ Due cloudy condition there is possibility of incidence of White flies thus to control spray the crop with 5% Neem Seed Kernal Extract. Use sticker during rainy period. Use 20 to 25 sticky



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		traps per acre.
Animals	Growth	➤ Provide an additional 1 kg of feed daily to cows in the eighth month of pregnancy and buffaloes in the ninth month of pregnancy for better nutrition. ➤ Deworm buffaloes, cows, goats, and sheep only under the guidance of an authorised veterinarian. ➤ For a Cow use 50 gram of mineral mixture per day.
To download "Meghdoot" app scan QR code		To download "Damini" app scan QR code
		

Source:

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

Place : ZARS, KOLHAPUR

Date : 01.09.2026

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