



AGROMET ADVISORY BULLETIN

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Weather based Agromet Advisory committee meeting dated 05.05.2026

District: KOLHAPUR

| Last Week Weather Summary (29.04.2026 to 05.04.2026) | | | | | | | Weather Parameters | Weather Forecast (06.05.2026 to 10.05.2026) | | | | |
|---|------|------|------|--------------------------------|------|------|-----------------------------|--|-----|----|-----|----|
| 29 | 30 | 01 | 02 | 03 | 04 | 05 | Date | 06 | 07 | 08 | 09 | 10 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Rainfall (mm) | 0 | 0 | 8 | 10 | 1 |
| 37.6 | 37.5 | 36.5 | 35.0 | 36.0 | 37.6 | 36.5 | Max. Temp. (°C) | 37 | 38 | 39 | 39 | 39 |
| 19.0 | 19.0 | 21.0 | 21.5 | 21.4 | 20.2 | 21.4 | Min. Temp. (°C) | 24 | 24 | 25 | 25 | 23 |
| 0 | 0 | 0 | 0 | 0 | 5 | 0 | Cloud Cover | 1 | 2 | 4 | 4 | 4 |
| 4 | 3 | 4 | 0 | 0 | 0 | 5 | | | | | | |
| 88 | 76 | 87 | 70 | 82 | 88 | 84 | Max. RH (%) | 82 | 72 | 68 | 65 | 71 |
| 40 | 41 | 50 | 47 | 46 | 40 | 43 | Min. RH (%) | 42 | 39 | 44 | 44 | 45 |
| 2.4 | 2.9 | 2.7 | 3.5 | 2.6 | 3.5 | 2.5 | Wind Speed(km/hr) | 6 | 6 | 4 | 2 | 1 |
| SE | SW | SW | NW | SW | SW | WNW | Wind Direction | WSW | WNW | W | WNW | SE |
| NNE | SSW | WNW | SW | WSW | WSW | NW | | | | | | |
| Rainfall last week | | | | Rainfall since 01.01.2026 (mm) | | | Rainy days since 01.01.2026 | | | | | |
| 0.0 | | | | 97.4 | | | 4 | | | | | |

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 mainly clear sky on 6 th and 7 th and generally cloudy sky on 8 th , 9 th and 10 th May in Kolhapur district. There is forecast of light to moderate rainfall at isolated places in Kolhapur district on 8th, 9th and 10th May. During next 5 days Tmax. may remain between 37.0 to 39.0°C, the minimum temperature may remain nearby 23.0 to 25.0°C. Morning relative humidity will remain nearby 65 to 82% and Afternoon relative humidity will remain nearby 39 to 45%. Wind speed will remain between 01 to 06 kmhr ⁻¹ . |
| ERFS | | According to the Extended Range Forecast (ERF) for the Madhya Maharashtra Sub-Division, above-normal rainfall is expected during the period from 10 th to 16 th May 2026. The maximum temperatures are likely to remain near normal, while minimum temperatures are expected to stay above normal throughout this period. |
| Weather warning | | Thunderstorm accompanied with lightning, moderate rainfall & gusty winds (40-50kmph) at isolated places on 8 th May in Kolhapur and ghat areas of Kolhapur |
| General Advisory | | <p>General Self-Care Advisory for Farmers (Hot Conditions)</p> <ul style="list-style-type: none"> ❖ Avoid working in the field during peak heat hours (12:00 PM to 4:00 PM) ❖ Wear light, loose, and cotton clothing ❖ Use a cap or cloth to cover the head ❖ Drink plenty of water, buttermilk or lemon water ❖ Do not work continuously under direct sunlight; take frequent breaks in shade ❖ If you feel dizziness, headache, or weakness, take rest immediately in a cool place ❖ Sprinkle water on the body or wash face frequently to reduce heat stress ❖ Avoid alcohol consumption (it increases heat stress) ❖ Proper self-care during hot and humid weather helps prevent heat stress and health problems. |
| SMS Advisory | | ➤ There is forecast of increase in maximum temperature thus farmers should take of themselves and their cattles |
| Groundnut | Pod development | ➤ During the summer season, incidence of pests and diseases is commonly observed. In groundnut crop, pests such as aphids, thrips, and jassids may occur. Spray 5% neem seed kernel extract (NSKE) or Azadirachtin @ 2 ml per litre of water. Repeat the spray after 15 days. Alternatively, spray any one insecticide such as Decamethrin 500 ml or Metasystox using 500 litres of water per hectare. For the management of sucking pests, install 15 yellow sticky traps and 5 blue sticky |



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| | | traps per acre. ➤ Apply irrigation as per the soil type |
| Maize | Growth | ➤ Provide sufficient irrigation to the Maize crop ➤ If possible carry out mulching to maintain moisture in the soil ➤ Avoid spraying during peak heat (12–4 PM) ➤ Spray 1% KNO ₃ during stress ➤ Monitor fall armyworm |
| Sugarcane | Establishment | ➤ White grub : Adults comes together on Acacia, Neem and Ber trees at the time of evening after first shower of rain. First female adults and then male adults come out of the soil. They eat leaves of these trees. During night period shake the branches of these trees due to which adults falls on ground. Collect these adults and destroy them in kerosene mixed water. ➤ Due to hot condition evapotranspiration rate goes increase and crop suffer stress which affect further growth and then yield thus Apply light and frequent irrigation to maintain soil moisture ➤ Irrigate during early morning (6–9 AM) or evening (6–8 PM) ➤ Carry out mulching to maintain moisture in the soil ➤ Avoid spraying during peak heat (12–4 PM) |
| Tomato | Growth | ➤ Irrigate during early morning (6–9 AM) or evening (6–8 PM) ➤ Carry out mulching to maintain moisture in the soil |
| Brinjal | Fruit development | ➤ Due to the dry weather conditions during the previous week, an incidence of spider mites has been observed in Brinjal crop. As soon as the infestation is noticed, spray Hexythiazox 5.45 EC @ 10 ml per 10 liters of water. |
| Chilli | Flowering | ➤ Due to dry weather there is possibility of incidence of Mites on Chilli. If incidence observes then spray the crop with Fenpropathrin 30% EC 5 ml or Fenazaquin 10 EC 25 ml per 10 liters of water. |
| Cucumber | Fruit development | ➤ Use drip irrigation daily or alternate day ➤ Apply plastic mulch to reduce evaporation ➤ Provide shade net (35–50%) during extreme heat ➤ Watch for mites, whiteflies |
| Mango | Fruit development | ➤ Carry out harvesting of mango fruit at 80 to 85% maturity stage. Harvesting should be done with help of nutan mango harvester keep the harvested fruits at safe place as rainfall is forecasted. ➤ Keep the harvested fruits in shade to prevent development of spongy tissue and from heat. Transport of matured fruit should be done during night. Do not spray the plant with any type of fungicide or insecticide at least 8 days before harvesting of fruit. |
| Watermelon | Fruit development | ➤ Maintain uniform moisture to avoid fruit cracking ➤ Provide straw/plastic mulch under fruits ➤ Irrigate frequently but avoid waterlogging ➤ Protect fruits from sunburn |
| Animals | Growth | ➤ In the first week of May, animals should be given deworming medicine as per the advice of a veterinarian. In the last week of May, animals should be vaccinated against combined diseases like Foot-and-Mouth Disease (FMD), Hemorrhagic Septicemia (HS), and Black Quarter (BQ). Shelter & Environment: <ul style="list-style-type: none"> ○ Keep animals under shade or in well-ventilated sheds. Ensure the roof is insulated or covered with dry grass/agro-nets to reduce heat radiation. ○ Maintain proper cross-ventilation. Use fans or water sprinklers/foggers inside the shed to lower the ambient temperature. Grazing & Activity: <ul style="list-style-type: none"> ○ Strictly avoid grazing between 11:00 AM and 5:00 PM when the sun is at its peak. ○ Schedule all farm operations (ploughing, transport) and grazing during the cooler early morning or late evening hours. Hydration & Nutrition: <ul style="list-style-type: none"> ○ Provide continuous access to clean, cool, and fresh drinking water. Add a pinch of salt or electrolytes to the water to prevent dehydration. ○ Shift the feeding schedule; provide the bulk of the fodder during the night or early |





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|---|---------------|---|
| | | <p>morning when the animal's appetite is higher.</p> <p>Heatstroke Emergency Protocol:</p> <ul style="list-style-type: none">○ Immediate Action: Move the animal to a cool, shaded area immediately.○ Cooling: Place a wet gunny bag or cloth over the animal's body. Specifically, tie a cold, water-soaked cloth between the horns and keep it consistently wet to cool the brain.○ Feeding: Offer light, easily digestible feed. Mix jaggery and sugar in water to provide an instant energy boost.○ Medical Care: Do not delay; contact a veterinarian immediately and follow their specific treatment plan. |
| 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. |
| To download " Meghdoot " app scan QR code | | To download " Damini " app scan QR code |
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Source:

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

Place : ZARS, KOLHAPUR

Date : 05.05.2026

Sd/-
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