# AGROMET ADVISORY BULLETIN

## GRAMIN KRISHI MAUSAM SEWA, AMFU, RAHURI
## DEPARTMENT OF AGRONOMY, MPKV, RAHURI.

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**71) Weather based Agromet Advisory committee meeting dated 03.11.2026**

**District: Ahilyanagar**

| Last Week Weather Summary (27.10.2026 to 02.11.2026) | | | | | | | Weather Parameters | Weather Forecast (04.11.2026 to 08.11.2026) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **27** | **28** | **29** | **30** | **31** | **01** | **02** | **< Dates >** | **04** | **05** | **06** | **07** | **08** |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | **Rainfall (mm)** | 4 | 0 | 0 | 0 | 0 |
| 34.2 | 34 | 34.2 | 34 | 33.8 | 33 | 33 | **Max. Temp. ($^0$C)** | 34 | 34 | 35 | 35 | 35 |
| 19.5 | 17.1 | 17.3 | 17.5 | 17.9 | 17.7 | 17.3 | **Min. Temp. ($^0$C)** | 20 | 19 | 19 | 18 | 17 |
| 0 | 0 | 0 | 0 | 2 | 1 | 4 | **Cloud Cover** | 2 | 5 | 6 | 3 | 1 |
| 74 | 72 | 70 | 73 | 82 | 84 | 90 | **Max. RH (%)** | 67 | 68 | 67 | 48 | 36 |
| 30 | 31 | 31 | 34 | 38 | 41 | 52 | **Min. RH (%)** | 34 | 35 | 32 | 25 | 16 |
| 0.9 | 1.7 | 1.4 | 1.1 | 1 | 1 | 0.8 | **Wind Speed (km/hr)** | 6.3 | 6.6 | 7.6 | 9.5 | 7.1 |

**Agromet Advisory Based on Weather Forecast Prediction**

| Crop | Stage | Advisory |
|---|---|---|
| **Weather Summary** | | According to the weather forecast from the RMC, Mumbai, the sky is likely to be partly cloudy for next four days. Also, very light rain accompanied by lightning is likely to occur at some places from November 3 & 4. |
| **General Advisory** | | 1) Use Meghdoot mobile app for weather-based crop advisory and prediction.<br>2) Use Damini mobile app for electricity forecasting.<br>3) Farmers should use the Maha-Vistar App to access essential agricultural information, real-time weather forecasts, market prices, pest and disease identification with control measures, weather-based agro-advisories, as well as information on warehouses and custom hiring centers for agricultural machinery.<br>4) Phule Amritkal Mobile App is especially useful for managing heat and environmental stress (Heat Stress) in livestock. Tis app measures the THI (Temperature Humidity Index) based on temperature and humidity to indicate the status of the animals (Normal, Alert, Danger, Emergency), offering immediate guidance and information on a balanced diet for livestock accordingly. |
| **SMS Advisory** | | In areas where water is available or where farmers can provide irrigation during all critical growth stages of *Rabi* crops, low-water-requiring crops should be selected for the *Rabi* season.<br>Due to the possibility of rain, the harvested produce should be kept in a safe place. |
| **Uses of Mulching** | | 1) Mulching helps reduce the evaporation of moisture from the soil.<br>2) Organic crop residues available on the farm-such as plant trash, sugarcane trash, cotton stalks, sorghum stubble, and dry grass-are suitable for covering the soil surface.<br>3) Approximately 70% of soil moisture is lost due to evaporation. To prevent this moisture loss, spread waste organic material, stubbles, grass, or cotton stalks between two crop rows on the soil surface at a rate of 5 tonnes per hectare within 15 days of crop germination. This saves around 25 to 30 mm of moisture & increases yield by 30 to 40%. |
| **Cotton** | **Picking** | First picking manually at 30 to 35 % of boll bursting and second and third picking at 15 to 20 days interval.<br>Due to the possibility of rain, the picked cotton should be kept in a safe place.<br>Uprooting the stalk after picking of all cotton and use of all stalk along with |

| | | |
|---|---|---|
| | | compost culture for composting and prepared decomposed compost which are free for insect and pest eggs. |
| **Sorghum** | **Emergence** | If rabi sorghum is sown, plant population should be limited by thinning eight-ten days after sorghum germination to avoid competition for limited moisture. |
| **Chick Pea** | **Sowing** | Complete sowing of irrigated chickpea from 20$^{th}$ October to 10$^{th}$ November.<br>Use Vijay, Vishal, Digvijay, Phule Vikram, Phule Vikrant and Phule Vishvaraj varieties for sowing.<br>Seed treatment: Treat the seeds *Trichoderma Harjiyanam* 1.0% W.P. 6 g per kg of sees for prevention from Neck rot and root rot then trat the seeds with 250g *Rayzobium* and P.S.B. per 10 kg of Seeds by mixing in cold Jaggary solution. Dry this treated seed under shade almost for 1 hour and then carry out sowing.<br>For control of Gram Pod borer through Integrated Pest Management carry out sowing of 200 gram of Sorghum by mixing in Chick Pea. |
| **Safflower** | **Sowing** | Safflower sowing should be completed by the end of October.<br>Seed Treatment: Treat the seeds with *Azotobacter* at 25 g and *Phosphate Solubilizing Bacteria* at 25 g per kg of seed. To control seed-borne and soil-borne fungal diseases, perform a pre-sowing seed treatment using the bio-fungicide *Trichoderma* at 10 g per kilogram of seed. Fertilizer Requirement:<br>For irrigated safflower crops, apply 75 kg Nitrogen (163 kg Urea) and 37.5 kg Phosphorus (235 kg Single Super Phosphate) per hectare. |
| **Rabi Maize** | **Sowing** | Carry out sowing of Sowing of rabi maize at vafasa condition up to 10$^{th}$ November.<br>Seed treatment: Apply 2 to 2.5 gm Thirum/ kg seed. Also use Azotobacter before sowing.<br>Fertilizer Application Apply 40:60:40 kg NPK/ ha at sowing time. |
| **Potato** | **Sowing** | Kufri Jyoti, Kufri Lavkar, Kufri Sindhuri, Kufri Surya, Kufri Pukhraj etc. should be used for planting potatoes for rabi season. |
| **Pea** | **Sowing** | Phule Priya Bonvilla, Arkel, etc. should be used for planting peas for rabi season. |
| **Fodder crops** | | Utilize available soil moisture to sow Rabi sorghum for fodder purposes.<br>Where maize crops are available, prepare silage from maize and store it.<br>During times of fodder scarcity, chop the available fodder into chaff before feeding it to animals in the manger.<br>Cultivate high-yielding fodder crops that grow well even under low rainfall and can survive adverse conditions, such as Hybrid Napier, Dashrath, and Stylo grass. |
| **Livestock Management** | | Animal drinking troughs or containers should be cleaned regularly (once a week). Clean and abundant water should be provided for the animals.<br>Instead of giving it all at once, feed it in stages according to the animal's needs. Additionally, mixing low-quality fodder with high-quality fodder in appropriate proportions allows for a more effective use of available supplies. |

**Source**:
1) Weather Forecast : RMC, Mumbai
2) Last week weather summary : Agromet Observatory, WMP, MPKV, Rahuri.

**Place : MPKV, Rahuri**
**Date : 03.11.2026**

**Sd/-**
**Nodal Officer, GKMS, AMFU Rahuri &**
**Head, Department of Agronomy, MPKV, Rahuri.**

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