



Gramin Krishi Mausam Sewa
Agromet Advisory Bulletin for MATHURA District
Chander Shekhar Azad University of Agriculture & Technology
Kanpur, Uttar Pradesh



Agromet Advisory Bulletin

Date : 2025-04-17

Weather Forecast of District MATHURA (Uttar Pradesh) Issued On : 2025-04-17 (Valid Till 08:30 IST of the next 5 days)

| Parameter | 2025-04-18 | 2025-04-19 | 2025-04-20 | 2025-04-21 | 2025-04-22 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Tmax(°C) | 42.0 | 43.0 | 41.0 | 41.0 | 40.0 |
| Tmin(°C) | 26.0 | 27.0 | 27.0 | 26.0 | 24.0 |
| RH-I(%) | 49 | 44 | 42 | 41 | 38 |
| RH-II(%) | 27 | 23 | 22 | 21 | 22 |
| Wind Speed(kmph) | 4 | 3 | 5 | 7 | 11 |
| Wind Direction(Degree) | 156 | 210 | 256 | 292 | 307 |
| Cloud Cover(Octa) | 1 | 3 | 0 | 0 | 0 |
| Warning | No Warning | Warm Night | Warm Night | No Warning | No Warning |

Forecast Summary:

According to the weather forecast received from the Indian Meteorological Department, light cloud cover in the next five days but there is a no any possibility of rain. The maximum temperature is between 41.0-43.0°C, which is likely to be 2-3°C higher normal and the minimum temperature is between 24.0-27.0°C, which is likely to be 3-4°C higher normal. The maximum and minimum range of relative humidity is between 38-49 and 21-27%. Wind direction is south-east, north-west and wind speed is between 3.0-11.0 kmph with gusts expected to be 4-5kmph high speed than normal.

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Weather Warnings (Valid Till 08:30 IST of the next day)

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Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Farmers are advised to store the harvested crop in a safe place.

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General Advisory:

Farmers are advised that complete the harvesting and threshing of the ripe crop immediately. Make a bundle of the harvested crop. For insecticides, pesticides and weedicide chemicals, separate or use only to wash equipment with clean water and do not spray or spray insecticides, pesticides and weedicide standing in the opposite direction of the wind. Spraying should be done in the evening, if possible, after spraying, washing hands thoroughly with soap or hand washing before eating and after washing.

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Crop Specific Advisory:

| Crop (Stage) | Crop Specific Advisory |
|--------------|---|
| WHEAT | Do threshing work by harvesting mature wheat crops. Bundles must be tied after harvesting the wheat crop so that the lock cannot be blown away due to strong winds and threshing should be done in the evening and at night when the wind is calm. |
| MAIZE | Keep maize crops free from weeds. There is a possibility of outbreak of stem borer / shoot fly pest in maize crop, so for its prevention, solution of Emamectin Benzoate 5% SG at the rate of 200 g/ha or Dimethoate 30% EC 1.0 l/ha in 600-700 liters of water make a spray. |
| BLACK GRAM | Keep black gram crops free from weeds. Thrips /green leaf pest is likely to be seen in black gram crop, so for its prevention, spray Oxidemetan-methyl 25% EC or Dimethoate 30% EC at the rate of 1.0 liter/ha by making a solution in 600-700 liters of water. |
| GREEN GRAM | Recommended species of Zaid Moong - Narendra Moong-1, Samrat (PDM-139), Sweta etc., do the work of sowing any one species at proper moisture. For sowing of zaid moong crop, complete the sowing work at the rate of 20-25 kg seed/hectare. |

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Horticulture Specific Advisory:

| Horticulture (Stage) | Horticulture Specific Advisory |
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| ONION | In view of the possibility of rain, postpone irrigation/fertilizer/insecticide/pesticide spraying in the fields and also make proper arrangements for drainage of excess rainwater. In the summer season, irrigation should be done in the planted/sown vegetables at an interval of 8-10 days in the evening. Thrips pest is likely to appear in the onion crop, so for its prevention, use Methyl-O-Dimethan 25% EC.at the rate of 1.5 liters / ha spray the solution in 600-700 liters of water. |
| MANGO | Irrigate the orchards to prevent fall of mango fruit or apply 4.5 SL of of 20 ml alpha naphthalene acetic acid make a solution per liter of water and spray it. There is a possibility of showing the outbreak of midge pest in mango blossom, so for its prevention, spray Fenitrothian in 1.0 ml / liter of water and spray it. |
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Live Stock Specific Advisory:

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| BUFFALO | It is the appropriate time to give anthelmintic medicine to the animals for the prevention of worms in the stomach. FMD for the prevention of foot-mouth disease to animals vaccine and VQ for prevention of Lagadia fever. Get vaccinated with the vaccine. In view of the prevailing weather, farmers are advised tie the animals in a shaded place or in the shade of a tree during the day. Feed animals with green fodder and easily digestible mineral mixture and salt. The animals must be given clean and cold water 3-4 times a day. Do not leave the animals to graze from 11 am to 4 pm. bathe the animals in the morning and evening. |
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Poultry Specific Advisory:

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| HEN | Farmers are advised to add dietary supplements; vitamins and energy feed ingredients to the hens as well as add calcium content to the hen. Give medicine for the prevention of worms in the stomach of hen (Divmirg). To protect the chickens from heat, arrange curtains, fans and ventilation in the hen house. To reduce the temperature of the hen house, cover the roof of the shed with straw. |

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Likely impacts of weather warnings (General)

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Impact based advisories (General)

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Farmers are advised to download Unified “Mausam” and "Meghdoot" android application on mobile for Weather forecast and weather based Agromet Advisories and "Damini" android application for forecast of Thunderstorm and lightening.

Mausam MobileApp link: <https://play.google.com/store/apps/details/>

Meghdoot MobileApp link: <https://play.google.com/store/apps/details>

Damini MobileApp link : <https://play.google.com/store/apps/details>