



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



## **Agromet Advisory Bulletin**

Date : 2025-02-21

Weather Forecast of District MATHURA (Uttar Pradesh) Issued On : 2025-02-21 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-02-22	2025-02-23	2025-02-24	2025-02-25	2025-02-26
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	28.0	27.0	27.0	29.0	30.0
Tmin(°C)	12.0	12.0	11.0	11.0	11.0
RH-I(%)	80	75	65	70	71
RH-II(%)	50	46	40	37	40
Wind Speed(kmph)	6	9	6	4	0
Wind Direction(Degree)	353	310	315	322	90
Cloud Cover(Octa)	3	0	0	0	2
Warning	No Warning	No Warning	No Warning	No Warning	No Warning

### Forecast Summary:

According to the weather forecast received from the Indian Meteorological Department, light cloud cover in the first and fifth days and clear sky appearing in remaining days and there is a no possibility of rain . The maximum temperature is between 27.0- 30.0°C, which is likely to be 2-3°C higher normal and the minimum temperature is between 11.0-12.0°C, which is likely to be 1-2°C higher normal. The maximum and minimum range of relative humidity is between 65-80 and 37- 46%. Wind direction is east, north-west and wind speed is between 0.0-9.0 kmph with gusts expected to be 2-3 kmph high speed than normal.

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

According to the weather forecast received from the Indian Meteorological Department, there is no weather warning for the next five days.

### Likely impacts of weather warnings on Agriculture and associated Agromet advisories

According to the weather forecast received from the Indian Meteorological Department, there is no significant impact on standing crops.

### General Advisory:

Farmers are advised to do light irrigation as per requirement in rabi crops and vegetables crop sown, as well as weather is favorable for sowing Zaid Maize, Black gram and summer vegetables. 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.

#### SMS Advisory:

Farmers are advised to do light irrigation as per requirement in rabi crops and vegetables crops sown, as well as weather is favorable for sowing Zaid Maize, Black gram and summer vegetables.

#### Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
WHEAT (Booting)	Farmers are advised to do fourth irrigation in wheat crop after 80-85 days (before earing). Use fodder made of zinc phosphide or aluminum phosphide cake when rats are found in the wheat crop. Make collective efforts for the prevention of rats.
MUSTARD (Physiological Maturity)	Harvest the crop when the mustard pods become 75% golden in color. After harvesting the mustard crop, dry the crop and separate the seeds after threshing. Mustard crop is likely to show outbreak of aphid, Painted class and leaf mulch in mustard crop, so Chlorpyrifos rate of 20% EC 1.0 liter / ha or Monocrotophos 37% SL @ 500 ml / ha for its prevention spray from 500 - 600 liters of water.
FIELD PEA (Pod Development)	There is a possibility of outbreaks of Pod borer insects in the pea crop, so for its prevent this, spraying Qunalphos 25 EC@ 2 liters per hectare or Emamectin benzoate 5 % sg 180 - 200 gram per hectare in 500 to 600 liters of water Solution.
CHICK PEA (Pod initiation )	There is a possibility of outbreaks of pod borer insects in the gram crop, so for it's prevent this, spraying Qunalphos 25 EC@ 2 liters per hectare or Emamectin benzoate 5 % sg 180 - 200 gram per hectare in 500 to 600 liters of water.
MAIZE (Sowing)	Recommended to the composite varieties of Zaid Maize - Tarun, Naveen, Mahi, Kanchan, Gaurav, Sweta, Azad Uttam and Hybrid Varieties - Prakash, Dikalb- 7074, Dikalb- 9108, Dikalb- 9208, Dikalb- 9141, Dikalb- 9165, Dikalb- 9217, PHB-8144, Deccan 115, MMH-133 etc. Sow by arranging fertilizers and seeds for sowing any one species. Sow 20-25 kg seed/hectare for composite variety of maize and 18-20 kg seed/hectare for Hybrid variety.
BLACK GRAM (Sowing)	Do to Zaid black gram is variety - Urd-Ta-9, Narendra Urd-1, Azad Urd-1, Azad Urd-2, Shekhar-2, Sujata, PU-40 etc arrange of fertilizer and seed for sowing of any one of the varieties. for sowing of black gram seeds at the rate of 25-30 kg of seed / hectare .

#### Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
POTATO (Harvesting)	The weather is favorable for digging of potato crop . Cut the lock of the crop 15-20 days before digging the potato crop, which makes the skin of the tuber firmer and reduces the possibility of potato rot.
ONION (Transplanting)	Outbreak of purple spot disease in onion crop affects the condition at 28 - 30 ° C temperature and 80 - 90% relative humidity, so copper oxychloride 0.3% (3 g/liter water) or Mancozeb at the rate of 0.25% (0.25 g/liter of water) and spray 3-4 at a 15-20 day interval. Sown vegetables such as ladyfinger, zucchini, cucumber, bitter gourd, gourd and pumpkin etc. sown during summer season.
MANGO (Flowering)	There is a possibility of an outbreak of midge insect in mango blossom, so spraying phenythrothian solution in 1.0 ml / liter water to prevent it. In mango orchards, there is a possibility of moth and mango hopper pest infestation, so

Horticulture (Stage)	Horticulture Specific Advisory
	spraying Chlorpyrifos 20 EC 2.0 ml or Phenitrothian 50 EC 3.0 ml / liter water is sprayed to prevent it.

#### Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	After the animals are fed, make 750 grams mustard oil, 100 grams turmeric, 50 grams dry ginger, 50 grams cumin, 500 grams jaggery mixture and OT for morning and evening for three days. In view of the current weather, farmers are advised to swing the animals in the morning and evening to protect them from the cold, their animals in the open during the night and Draw and put curtains of jut sack on windows and doors at night and remove put curtains in the sun during the day. Give sufficient quantity of grains to the animals with green and dry fodder. Animals must be given fresh and fresh water 3-4 times a day. Keep the animals in a clean place.

#### Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
HEN	Farmers are advised to the hen supplements the food, mix vitamins and energy food material in their feed as well as calcium content to hens. Arrange enough heat to keep the chickens from freezing.

#### Likely impacts of weather warnings (General)

According to the weather forecast received from the Indian Meteorological Department, there is no weather warning for the next five days.
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#### Impact based advisories (General)

According to the weather forecast received from the Indian Meteorological Department, there is no significant impact on standing crops.
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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>