



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



## **Agromet Advisory Bulletin**

Date : 2025-09-09

Weather Forecast of District MATHURA (Uttar Pradesh) Issued On : 2025-09-09 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-09-10	2025-09-11	2025-09-12	2025-09-13	2025-09-14
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	35.0	36.0	36.0	36.0	35.0
Tmin(°C)	27.0	27.0	26.0	27.0	27.0
RH-I(%)	85	80	78	82	86
RH-II(%)	48	47	50	50	56
Wind Speed(kmph)	9	11	12	8	4
Wind Direction(Degree)	360	285	282	281	301
Cloud Cover(Octa)	3	3	3	6	7
Warning	No Warning	No Warning	No Warning	No Warning	No Warning

### Forecast Summary:

According to the weather forecast received from the Indian Meteorological Department, due to light to moderate cloud cover in the next five day but there is a no possibility of rain . The maximum temperature is between 35.0- 36.0°C, which is likely to be 2-3°C higher normal and the minimum temperature is between 26.0-27.0°C, which is likely to be 1-2°C higher normal. The maximum and minimum range of relative humidity is between 78-86 and 47-56%. Wind direction is north-west and wind speed is between 4.0-12.0 km/h with winds expected to be 3-4 Km/h 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 a no warning of in next five days but there is a light to moderate cloudy weather.

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

There is no possibility of rain in the coming week, so farmers are advised to do mild irrigation in standing crops of kharif as per requirement and the weather is favorable for spraying of disease, weeding and sowing. Do not allow waterlogging in maize, pulses and oilseed crops, excessively taken out the water from the field. Do not let the animals go to the place of waterlogging.

### General Advisory:

The weather is favorable for harvesting/threshing of crops sown in time. Prevent animals from going to flowing water/waterlogging. Do not let the animals drink the rainy water. During the rainy season, the possibility of infection of kilni/lice in animals becomes strong. To protect it, spray lime in the animal enclosure so that the eggs and larvaas of the kilni/lice are destroyed. In the rainy season, when you get out of the house at night, take the torch and close the walls and holes of the house to avoid snakes, scorpions etc. and spray a little kerosene or phenyl, which causes snakes to smell.

### SMS Advisory:

The weather is favorable for harvesting/threshing crops of maize and sowing of Rapeseed mustard. Prevent animals from going to flowing water/waterlogging.

### Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Booting)	The paddy crop is in the stage of emergence of ears (Booting stage) and flowering, which is sensitive to lack of moisture. Hence, maintain appropriate moisture by doing light irrigation as per requirement. If infestation of stem borer insect is seen in the paddy crop, then for its control, spray Imidacloprid 17.8 EC SL at the rate of 250 gram/hectare by dissolving it in 500-600 litres of water in clear weather. If infestation of brown hopper insect is seen in the paddy crop, drain out the water accumulated in the field. Or make
MAIZE (Soft Dough)	Maize is going on Milking/Dough stage, which is sensitive to the lack of moisture, so in case of lack of rain, maintain proper moisture by doing light irrigation as per requirement. In maize crop, there is a possibility of outbreak of stem borer / shoot fly pest, so for its prevention, Emamectin Benzoate 5% Sg 200 g / ha at 500-600 liters of water solution Sprinkle on clear weather.
SESAME (GINGELLY/TIL) (Pod Development)	There is a possibility of showing an outbreak of leaf and pod larva pest in sesame crop, so for its prevention, use Oxydimethane-methyl 50% EC. Spray the solution in 500-600 liters of water at the rate of 1.0 liter/ha in clear weather.
GROUNDNUT (Pod Development)	During the formation of pegs in groundnut crops and during the formation of beans, maintain sufficient moisture in the fields by doing light irrigation. Groundnut crop is likely to show white gidar / termite pest infestation, hence fipronil 0.3% GR at the rate of 20 kg / ha topdressing of clear sky.
BLACK GRAM (Vegetative )	There is a possibility of an outbreak of yellow mosaic disease in the crop of black gram/green gram, so for its prevention, dimethoate 30 EC is used. 1.0 liter/ha or Oxidemetan-Methyl 25 EC. Spray the solution in 500-600 liters of water at the rate of 1.0 liter/ha in clear weather.
RAPESEED (Sowing)	For sowing any one of the recommended varieties of rapeseed - Ta-36, Ta-9 Bhavani, PT-303, PT-30 etc., arrangement of fertilizer and seeds at the rate of 3-4 kg seeds/hectare do the sowing work .
SUGARCANE (Vegetative )	If the length of sugarcane has become five feet, then do the first tying at a height of two and half feet. For the first tying, tie two bunches of sugarcane in a line together with the dry leaves below. Destroy the plants affected by red rot disease by removing them along with the roots and spray the plants with a solution of thiophanate methyl 0.2 percent.

### Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TOMATO (Transplanting)	Transplanting of saplings planted in kharif crops like brinjal, chilli, tomato and early cauliflower. If there is a possibility of water stagnation in the field, then plant the early cauliflower, brinjal, tomato, chilli etc. on the ridges. If there is an outbreak of fruit borer / leaf borer in vegetable crops, make a solution of neem oil in 1.5 ml / liter of water to control it and spray it 3-4 times after clearing the sky at intervals of 6-10 days.
MANGO (Transplanting)	Plant new plants in pits already filled with mango, guava, amla, lemon etc. Plant new plants in place of the destroyed plants in the new bag. Make a stand of 25-30 meters high soil around the stem by folding banana / papaya bags. For prevention of mango leaf moth, apply 2% carbaryl 1.5% dust on the clear sky.

### Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	Farmers are advised to During the rainy season, the possibility of lice infestation in animals increases. To prevent this, spray lime in the animal shed so that the eggs and larvae of lice are destroyed. Do not tie animals in open

Live Stock	Live Stock Specific Advisory
	spaces/under trees during rains. Tie animals in the open only when the sky is clear at night. Tie animals in a shady place during the day. Do not feed the stagnant water of the ponds or other places, due to which the animals are prone to liver flu and stomach worms. The best time to give antithetical drugs for the prevention of insects in the stomach of animals. Give sufficient amount of grains to animals along with green and dry fodder. Make sure to give clean and fresh water to animals 3-4 times a day. Do not tie pregnant animals at a sloping place. This is the right time to give deworming medicine to animals to prevent stomach worms.

#### **Poultry Specific Advisory:**

Poultry	Poultry Specific Advisory
HEN	Farmers are advised to Clean every day at the place where the chickens live. Arrange for clean water and balanced diet to the hens. This is not the right time to raise new chicks for eggs but it is a suitable time for broiler chickens. Add supplementary food, vitamins and energy food material to the chickens' diet and also give calcium material to the chickens. Chlorination of water must be done. Give deworming medicine to kill the worms in the stomach of the chickens. Keep the chicken house dry and keep turning the bedding. If there is excess moisture in the chicken house, turn on the fan.

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

According to the weather forecast received from the Indian Meteorological Department, there is a no warning of in next five days but there is a light to moderate cloudy weather.

#### **Impact based advisories (General)**

There is no possibility of rain in the coming week, so farmers are advised to do mild irrigation in standing crops of kharif as per requirement and the weather is favorable for spraying of disease, weeding and sowing. Do not allow waterlogging in maize, pulses and oilseed crops, excessively taken out the water from the field. Do not let the animals go to the place of waterlogging.

**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>**