



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



Agromet Advisory Bulletin

Date : 2025-10-10

Weather Forecast of District MATHURA (Uttar Pradesh) Issued On : 2025-10-10 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-10-11	2025-10-12	2025-10-13	2025-10-14	2025-10-15
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	32.0	33.0	33.0	34.0	33.0
Tmin(°C)	21.0	22.0	21.0	21.0	21.0
RH-I(%)	62	61	58	58	64
RH-II(%)	46	46	41	40	45
Wind Speed(kmph)	6	6	4	0	3
Wind Direction(Degree)	284	313	323	360	130
Cloud Cover(Octa)	0	0	0	0	0
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 clear sky weather in the next five day there is a no possibility of rain. The maximum temperature is between 33.0-34.0°C, which is likely to be near its normal and the minimum temperature is between 21.0-22.0°C, which is likely to be near its normal. The maximum and minimum range of relative humidity is between 58-64 and 40-46%. Wind direction is north-west, south-east and wind speed is between 0.0-6.0 km/h with winds expected to be 1-2 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 no warning in this week.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Farmers are advised to irrigate standing Kharif crops as needed, and the weather is favorable for harvesting/threshing and sowing mature crops. Harvest crops soaked by last week's rain thoroughly in the sun before threshing. Smoke cattle sheds to protect livestock from mosquitoes.

General Advisory:

The weather is favorable for harvesting and threshing mature Kharif crops such as paddy, maize, sesame, etc., and sow Rabi crops such as gram, peas, lentils, mustard, and linseed after seed treatment. Harvest timely sown maize and paddy when 85% of the seeds appear golden.

SMS Advisory:

Farmers are advised to harvest and thresh mature Kharif crops and the weather is favorable for sowing Rabi crops.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Hard Dough)	Harvest the crops when the earrings start showing 80% golden color and after harvesting, dry the lock in the sun and do the threshing work on clear weather. The current weather is favorable for pests, so after flowering, on an average, 2 - 3 odorous pests / hill are visible in the paddy crop, then for its control, Imidacoloroprid 17. 8% SL 350 ml / ha or Burfozin 25% SP 750 ml Make a solution in 500 -600 liters of water at the rate of / hectare and spray it on clear weather.
GROUNDNUT (Maturity and Harvesting)	Dig groundnuts only when the veins appear on the top of the skin and the inner part becomes brown in color and the grain of the groundnut becomes pink. Groundnut crop is likely to show white gidar / termite pest infestation, hence fipronil 0.3% GR at the rate of 20 kg / ha topdressing do in clear weather.
BLACK GRAM (Maturity and Harvesting)	Dry the crop thoroughly in the sun after last week's rain and then thresh it. The weather is favorable for harvesting/threshing of mature black gram/green gram crops.
RAPESEED (Germination)	Within 20-22 sowing of rapeseed crop, weeding should be done within 10-22 centimeters distance from plant to plant.
MUSTARD (Sowing)	For sowing of any variety of Rye / Mustard recommended species- varuna, Rohini, Narendra Rai- 8501, Maya, Vaibhav etc. should do sowing at the rate of 4-5 kg seed / hectare keep the sowing work.
CHICK PEA (Sowing)	For sowing of any varieties of chickpea, crop recommendation species- Awarodhi, Pusa-256, Pusa-362, K.W.R-108, K-850, K.D.G.-1168 etc. Small grain seeds of 75-80 kg/ hectare for large grain seeds, sow at the rate of 90-100 kg of seed / hectare keep the sowing work.
SUGARCANE (Vegetative)	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. If symptoms of bacterial rot disease are seen in sugarcane crop, cut and destroy the infected plant and for its control, spray 0.01% Streptomycin when weather is favorable.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
POTATO (Sowing)	Prepare the fields for potato sowing and start sowing. To protect the potato crop from pox disease, dissolve 100 grams of streptomycin or boric acid in 10 liters of water and spray it on the seeds and do not treat the germinated seeds. Take out the potato seeds from the cold storage 7-10 days before sowing. If sprouts appear in the seeds stored in the cold storage, then sort them out and separate them. Sow early potato varieties like Kufri Ashoka, Kufri Chandramukhi, Kufri Jawahar etc.
VEGETABLE PEA (Sowing)	Sow vegetables like peas, fennel, celery, beetroot, garlic, coriander, spinach, soya, fenugreek, radish, carrot, turnip and leafy vegetables. Raise nursery of tomato, onion, chilli, cauliflower and cabbage. If there is a possibility of water stagnation in the field, then plant cauliflower, brinjal, tomato, chilli etc.

Horticulture (Stage)	Horticulture Specific Advisory
	on the ridges. If there is an infestation of fruit borer/leaf borer insect in vegetable crops, then for its control, make a solution of neem oil in 1.5 ml/litre water and spray it 3-4 times at an interval of 8-10 days when the sky is clear.
MANGO (Transplanting)	Try to complete the planting of fruit plants like mango, guava, amla, lemon etc. as soon as possible. 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.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	Farmers are advised to Pregnant buffaloes/cows should not be tied to the slope, feed nutritious fodder and feed to pregnant buffaloes/cows and feed milk to the newborn child for three days. Keep the animals in a clean place and smoke the animals to prevent fly and mosquito. Get animals vaccinated for the prevention of cracking-mouth disease. Animals suffering from this disease should wash their wounds with potassium permanganate. Give sufficient quantity of grains with green and dry fodder to the animals. 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 animals must give clean and fresh water 3-4 times a day.

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 no warning in this week.

Impact based advisories (General)

Farmers are advised to irrigate standing Kharif crops as needed, and the weather is favorable for harvesting/threshing and sowing mature crops. Harvest crops soaked by last week's rain thoroughly in the sun before threshing. Smoke cattle sheds to protect livestock from mosquitoes.

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 lightning.

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>