



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



Agromet Advisory Bulletin

Date : 2026-07-24

Weather Forecast of District MATHURA (Uttar Pradesh) Issued On : 2026-07-24 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-07-25	2026-07-26	2026-07-27	2026-07-28	2026-07-29
Rainfall(mm)	5.0	0.0	0.0	0.0	9.0
Tmax(°C)	32.0	33.0	35.0	37.0	35.0
Tmin(°C)	26.0	26.0	28.0	29.0	27.0
RH-I(%)	87	86	79	74	85
RH-II(%)	63	59	50	46	59
Wind Speed(kmph)	14	7	7	9	12
Wind Direction(Degree)	96	165	193	232	258
Cloud Cover(Octa)	7	7	5	5	8
Warning	No Warning	No Warning	No Warning	No Warning	No Warning

Forecast Summary:

According to the weather forecast received from the India Meteorological Department, due to moderate to dense cloud cover in the next five days there is a possibility of light to moderate rain with local level thunderstorm–lightning between dated on 25 & 29 July, 2026. The maximum temperature is between 32.0- 37.0°C, which is likely to be 1-2°C above normal and the minimum temperature is between 26.0- 29.0°C, which is likely to be 1-2°C above normal. The maximum and minimum range of relative humidity is between 74-86 and 46- 63%. Wind direction is south-east, south-west and wind speed is between 7.0-14.0 kmph with gusts expected to be 4-5kmph high speed than normal

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

According to the weather forecast received from the India Meteorological Department (IMD), there is a warning of thunderstorms, strong winds light to moderate rain.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Carry out sowing, transplanting, and other agricultural activities when there is no rain and the sky is clear. Apply fertilizers, insecticides, and fungicides only when the weather clears up. Regularly monitor crops for pests and diseases after the rain. Keep livestock in a dry, safe area and provide them with clean drinking water. Do not tether animals under trees or near electricity poles, as falling branches or electric shocks from the poles could prove fatal to the animals.

General Advisory:

Farmers are advised to complete the transplanting of ready paddy seedlings as soon as possible; in the absence of rainfall, they should proceed with the sowing of crops such as sorghum (jowar), sesame (til), black gram (urd), green gram (moong), and pigeon pea (arhar). Following rainfall, crops should be regularly monitored for pests and diseases. Do not tether livestock under trees or near electric poles. Bathe the animals in the morning and evening, keep them in a dry and safe location, and ensure the availability of clean drinking water. Use clean water for preparing pesticides, fungicides, and herbicides, and avoid spraying these chemicals while standing against the wind direction. If possible, wash hands thoroughly with soap after spraying, before eating, and after washing clothes.

SMS Advisory:

Farmers are advised to complete the transplanting of ready paddy seedlings as soon as possible, given the likelihood of rain; however, in the absence of rainfall, they should sow crops such as sesame,

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Tillering)	Complete the transplantation of 20-25 days old ready paddy seedlings as soon as possible. For the control of broad and narrow leaf weeds in paddy crop, Enilophos 30% EC within 2-3 days of transplanting. Or sprinkle 2-3 inches of water by making a solution of Pritalchlor 1.50 liters/ha in 500-600 liters of water. After 15 - 20 days of transplanting of paddy, apply bispyribac sodium 10 SC at the rate of 0.20 liters/ha in 500-600 liters of water in proper moisture condition. If Khaira disease is visible in paddy, then to control it, make a solution of 20-25 kg zinc sulphate and 2.5 kg lime in 800 liters of water and spray. Apply a top-dressing of urea to the paddy crop 10-15 days after transplanting or during the tillering stage. If symptoms of zinc deficiency appear (such as yellowing of leaves and the appearance of white streaks in the center), apply 20-25 kg of zinc sulphate (21%) per hectare along with the recommended dose of urea. Under current weather conditions, if infestations of leaf folder and stem borer pests are observed, control them by spraying a solution of Chlorpyrifos 20 EC (1.5-2.0 liters/hectare) or Cartap Hydrochloride 50 SP (1.0 kg/hectare) mixed in 500-600 liters of water.
MAIZE (Vegetative)	In the absence of rainfall, carry out weeding and hoeing in the maize crop; when the plants reach knee-height (at 30-35 days), top-dress with 75 kg/ha of urea, but do so only when the sky is clear. As there is a likelihood of infestation by stem borers and leaf folders (including Fall Armyworm), control measures should be taken: spray a solution of either Emamectin Benzoate 5% SG (200 g/ha) or Dimethoate 30% EC (1.0 L/ha) mixed in 600-700 liters of water, or apply Chlorantraniliprole 0.40 GR at a rate of 12.5 kg/ha during clear weather.
SORGHUM (JOWAR/GREAT MILLET) (Sowing)	If sowing has not yet been completed for recommended sorghum varieties—such as the composite varieties Varsha, CSV-13, CSV-15, SPB-1388 (Bundela), and Vijeta, or the hybrid varieties CSH-16, CSH-9, CSH-14, CSH-18, CSH-13, HTJA-3208, and CSH-23—please complete it as soon as possible.
SESAME (GINGELLY/TIL) (Sowing)	In view of the possibility of rain, farmers should postpone sowing. Sow any one of the recommended varieties of sesame crop - Type-4, 12, 13, Type-78, Shekhar, Pragati, Tarun, RT-351 and RT-346 etc. when the sky is clear.
GROUNDNUT (Vegetative)	Prevent waterlogging in the groundnut crop during the current weather conditions and ensure proper field drainage. Monitor the crop regularly. Apply 200-250 kg of gypsum per hectare during the flowering stage. Use recommended insecticides or fungicides in the event of infestations by leaf-eating caterpillars or *Tikka* disease, and carry out timely weeding and hoeing for weed control.
BLACK GRAM (Sowing)	Recommended species of urd to be sown in Kharif - Narendra urd-1, Azad urd-2, Azad urd-3, Shekhar-1, Shekhar-2, Shekhar-3, Pant U-30 etc. For this,

Crop (Stage)	Crop Specific Advisory
	by arranging fertilizers and seeds at the rate of 12 -15 kg seed / hectare, sowing in case of no rain.
GREEN GRAM (Sowing)	Recommended varieties of moong to be sown in Kharif - For sowing any one of the varieties Narendra Moong-1, Azad Moong-1, Shweta, Virat, Meha, Varsha, Samrat, Kanika etc., arrange for fertilizer and seeds at the rate of 12-15 kg seed / hectare and do the sowing work in the event of no rain.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CAULIFLOWER (Transplanting)	Make proper arrangements for excessive rain water drainage. In case of no rain, do sowing/planting/weeding-hoeing work. Raise nurseries of crops such as brinjal, chili, tomato and early cauliflower etc. to be planted in Kharif, as well as transplant prepared seedlings. For prevention of fruit borer/leaf borer pest in vegetable crops, prepare a solution of 1.5-2.0 ml/liter of water with neem oil and spray it 3-4 times at an interval of 8-10 days. Weeding-hoeing should be done in standing vegetable crops when sky is clear.
MANGO (Planting)	Perform the planting of new plants in the pits already filled with mangoes. For prevention of mango leaf moth, apply 2% carbaryl 1.5% dust on the clear sky. After weeding the banana/papaya garden, put 25-30 cm high soil around the stem and do the work of standing in banana plants.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	Farmers are advised to give sufficient quantity of grains with green and dry fodder to the animals. Take special care of calving animals and protect lactating animals from milk fever, ketosis etc. after calving. Protect animals and newborns from internal and external parasites. Use disinfectant medicine in the cattle shed. The best time to give antithetical drugs for the prevention of insects in the stomach of animals. Get the animals vaccinated against Foot-and-Mouth Disease. The animals must give clean and fresh water 3-4 times a day. Give the animals a bath two to three times a day. Tie the animals in the shade at the time of day and do not tie the animals under the tree, because this week due to the high wind speed, there is a high probability of falling of trees / tree twigs. The department is operating a Mobile Veterinary Unit scheme to provide veterinary services at the doorsteps of farmers and livestock owners. Farmers and livestock owners can contact the toll-free helpline number 1962 to avail the benefits of this scheme.

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
HEN	Protect the chickens from dampness and waterlogging during the current weather conditions. Ensure proper ventilation in the poultry shed and provide clean drinking water along with a balanced diet. Maintain cleanliness around the shed to control mosquitoes and flies, and ensure timely vaccination for all chickens. Immediately isolate any chickens that appear sick or lethargic, and seek veterinary advice promptly if necessary.

Likely impacts of weather warnings (General)

Waterlogging in low-lying areas disrupting daily activities and local commuting. Increased risk of road accidents due to reduced visibility and slippery roads. Potential for loss of life, injuries, and property damage caused by thunderstorms, lightning strikes, and strong winds. Risk of casualties and damage to

property from falling trees, branches, hoardings, and electric poles; temporary disruption to power, communication, and other essential services. Impact on residential areas, markets, schools, and public facilities due to localized flooding or waterlogging; increased risk of waterborne and mosquito-borne diseases caused by high humidity and waterlogging. Damage to crops, horticultural produce, livestock shelters, and agricultural infrastructure. Adverse effects on commercial activities, construction work, and the operations of outdoor workers.

Impact based advisories (General)

Regularly monitor the weather forecasts and warnings issued. During thunderstorms and lightning, avoid open fields, tall trees, electric poles, and water bodies. Travel only when necessary and avoid waterlogged roads, bridges, and culverts. Do not stand under weak structures, hoardings, or trees during strong winds. Inspect and secure rooftops, windows, and drainage systems around your home. Use electrical appliances with caution and keep flashlights and other essential emergency supplies ready in case of power outages. Take special care of children, elderly persons, pregnant women, and individuals with health conditions. Use clean and safe drinking water to prevent water-borne diseases. Keep livestock in safe shelters and ensure adequate fodder and clean drinking water for them.

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>