



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



Agromet Advisory Bulletin

Date : 2025-09-02

Weather Forecast of District HATHRAS (Uttar Pradesh) Issued On : 2025-09-02 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-09-03	2025-09-04	2025-09-05	2025-09-06	2025-09-07
Rainfall(mm)	26.0	18.0	11.0	12.0	0.0
Tmax(°C)	30.0	31.0	30.0	31.0	32.0
Tmin(°C)	25.0	26.0	26.0	26.0	26.0
RH-I(%)	97	97	96	96	94
RH-II(%)	76	75	77	72	67
Wind Speed(kmph)	6	11	12	13	8
Wind Direction(Degree)	118	66	64	87	119
Cloud Cover(Octa)	7	6	7	6	5
Warning	Very Heavy Rain; Thunderstorms & Lightning, Squall etc	No Warning	No Warning	No Warning	No Warning

Forecast Summary:

According to the weather forecast received from the Indian Meteorological Department, due to moderate to dense cloud cover in the next five day there is a possibility of light to moderate rain with thunderstorms & lightning at local level between dated on 03-06 September, 2025. The maximum temperature is between 30.0- 32.0°C, which is likely to be below normal and the minimum temperature is between 25.0-26.0°C, which is likely to be 1-2°C higher normal. The maximum and minimum range of relative humidity is between 94-97 and 67-77%. Wind direction is south-east, north-east and wind speed is between 6.0-13.0 kmph with winds expected to be 4-5 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 a warning of moderate to heavy rainfall with high winds, thunderstorms and lightning between 03 to 06 September 2025.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

In view of the possibility of light to moderate rain in the coming week, farmers are advised to postpone irrigation work in standing Kharif crops and in case of clear sky, spray fungicides and insecticides and do weeding. Do not allow waterlogging in maize, pulses and oilseed crops, make proper arrangements for water drainage. Do not tie animals in open places during rainy season and do not leave them outside for grazing.

General Advisory:

Farmers are advised to postpone irrigation work in view of the possibility of rain. Make proper arrangement for drainage of excess rainwater. Prevent animals from going to flowing water / waterlogged areas. Do not let animals drink stagnant rainwater. 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. During rainy season, take a torch while going out of the house at night and to avoid snakes, scorpions etc., close the walls and holes of the house and spray a little kerosene or phenyl, the smell of which drives the snakes away.

SMS Advisory:

Postpone irrigation work. Never take shelter under trees and electric poles during rain, in such a situation there is a high possibility of electric current flowing in the poles and lightning striking

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Booting)	In paddy crop, the second and last top dressing of urea should be done at the rate of 60 to 65 kg per hectare after 55 - 60 days after transplanting making sure that there is no more than 2 to 3 centimeters of water in the field while top dressing. In case of outbreak of stem borer in paddy crop, imidacloprid 17.8% SL at the rate of 25 g / ha should be sprayed in 500-600 liters of water for spraying in clean weather.
MAIZE (Silking)	Maize is going on silking/Milking 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 clean weather.
SESAME (GINGELLY/TIL) (Pod initiation)	There is a possibility of outbreak of leaf and fruit bollworm in sesame crop, so for its prevention, Emamectin Benzoate 5 % SG at the rate of 200 g / hectare 500-600 liters make a solution in water and spray on clear weather.
GROUNDNUT (Pod formation)	Keep groundnut crops free from weeds and also cover them with soil. 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)	For the control of weeds in the block gram/ green gram crop, Imazethapar 10 SL at the rate of 1.0 liter / hectare, spray the solution in 500-800 liters of water after 15-20 days of sowing and spray it on clear sky. There is a possibility of an outbreak of yellow mosaic disease in the crop of urd, 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.
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
CABBAGE (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% carburil 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 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 warning of moderate to heavy rainfall with high winds, thunderstorms and lightning between 03 to 05 September 2025.

Impact based advisories (General)

In view of the possibility of light to moderate rain in the coming week, farmers are advised to postpone irrigation work in standing Kharif crops and in case of clear sky, spray fungicides and insecticides and do weeding. Do not allow waterlogging in maize, pulses and oilseed crops, make proper arrangements for water drainage. Do not tie animals in open places during rainy season and do not leave them outside for grazing.

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>