



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



Agromet Advisory Bulletin

Date : 2025-09-30

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

Parameter	2025-10-01	2025-10-02	2025-10-03	2025-10-04	2025-10-05
Rainfall(mm)	20.0	8.0	0.0	7.0	0.0
Tmax(°C)	35.0	32.0	33.0	32.0	32.0
Tmin(°C)	26.0	26.0	26.0	25.0	25.0
RH-I(%)	86	85	84	86	88
RH-II(%)	55	53	52	58	60
Wind Speed(kmph)	2	3	4	8	4
Wind Direction(Degree)	141	187	101	77	101
Cloud Cover(Octa)	7	5	5	5	3
Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	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 there is a possibility of light to moderate rain with thunderstorms & lightning at local level between dated on 01-04 October, 2025. The maximum temperature is between 32.0- 35.0°C, which is likely to be 1-2°C lower 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 84-88 and 53-60%. Wind direction is south-west, north-east and wind speed is between 2.0-8.0 km/h with winds expected to be 4-5 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 warning of light to moderate rainfall with thunderstorms and lightning between dated on 01-04 October, 2025.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Farmers are advised to postpone irrigation and sowing work in view of the possibility of rain. Harvest/thresh mature crops in the field and store the grains in a safe place. Collect the harvested crop at an elevated location in the field and cover it with a polyethylene sheet. After the rain, the crop should be thoroughly dried in the sun and then threshed. Do not tie animals in open spaces or let them out to graze, and avoid waterlogged areas.

General Advisory:

Farmers are advised to postpone irrigation and sowing work in view of the possibility of rain. In view of the potential for rain, complete harvesting and threshing of mature crops as soon as possible. Lumpy Virus Symptoms:- (• Symptoms of Lumpy Virus. • The animal's body temperature is 106 degrees Fahrenheit. • Less appetite of the animal. • Round raised lumps all over the body including face, neck, muzzle, eyelids, swelling of legs, lameness and reduced working capacity in male animal. Lumpy Virus Treatment:- (• Isolate the animals affected by lumpy disease. • Kill flies, mosquitoes, lice etc. • Do not leave the carcass uncovered after the death of the animal. • Spray disinfectants all over the area. • Goat pox vaccine can be used in animals affected by this disease on the direction of the doctor. Medicines like multi-vitamins can be given to increase the immunity of the affected animal. Also, get vaccinated to prevent infection.

SMS Advisory:

Farmers are advised to postpone irrigation and sowing work in view of the possibility of rain and store the harvested mature crops in a safe place.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Milking)	Farmers are advised to postpone irrigation operations in view of the potential for rain. The rice crop is in the stage of emergence of ears and flowering/milking, which is sensitive to moisture deficiency, so in the absence of rain, maintain proper moisture by doing light irrigation as per requirement. The current weather is favorable for pests, so on an average, 2 - 3 odorous pests / hill are visible in the paddy crop after flowering, 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. If the outbreak of stem borer insect is seen in the paddy crop, then Imidacloprid 17.8 EC for its control. SL at the rate of 25 g/ha make a solution in 500-600 liters of water and spray it in clear weather.
SESAME (GINGELLY/TIL) (Maturity and Harvesting)	Harvested mature crops should be stored in a safe place. In view of the potential for rain, complete harvesting and threshing of mature crops as soon as possible. There is a possibility of showing an outbreak of leaf and pod larva pest in sesame crop, so for its prevention, Emamectin Benzoate 5 % SG 200 g / hectare or Quinalphos 25 % EC at the rate of 1.25 liters / hectare make a solution in 500-600 liters water and spray on clear weather.
GROUNDNUT (Physiological Maturity)	Farmers are advised to postpone irrigation operations in view of the potential for rain. 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 (Physiological Maturity)	Farmers are advised to postpone irrigation operations in view of the potential for rain. To prevent the pod borer larvae in standing black gram/green gram crops, which bore into the pods and eat the grains, spray 750 ml of Cypermethrin 10 EC per hectare by dissolving it in 500-600 liters of water in clear weather.
RAPESEED (Germination)	Farmers are advised to postpone sowing operations in view of the potential for rain. 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)	Farmers are advised to postpone irrigation operations in view of the potential for rain. 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. 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)	Farmers are advised to postpone sowing operations in view of the potential for rain. Start sowing of early varieties of potato like Kufri Chandra Mukhi and Kufri Ashoka. Take out the potato seeds from cold storage 7-10 days before sowing. If sprouts appear in the seeds stored in cold storage, then sort them and separate them. If the potato seeds have not been treated before storing them in the cold storage, then immediately after taking out the potatoes from the cold storage and sorting them, treat the potato tubers with 3 percent boric acid solution for 30 minutes and dry them in a shady place.
CABBAGE (Transplanting)	Farmers are advised to postpone irrigation and sowing operations in view of the potential for rain. Sow radish, carrot, beetroot, turnip and leafy vegetables on the ridges. Transplanting of saplings planted 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.
GUAVA (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 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 light to moderate rainfall with thunderstorms and lightning between dated on 01-04 October, 2025.

Impact based advisories (General)

Farmers are advised to postpone irrigation and sowing work in view of the possibility of rain. Harvest/thresh mature crops in the field and store the grains in a safe place. Collect the harvested crop at an elevated location in the field and cover it with a polyethylene sheet. After the rain, the crop should be thoroughly dried in the sun and then threshed. Do not tie animals in open spaces or let them out to graze, and avoid waterlogged areas.

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>