



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



Agromet Advisory Bulletin

Date : 2025-04-29

Weather Forecast of District HATHRAS (Uttar Pradesh) Issued On : 2025-04-29 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-04-30	2025-05-01	2025-05-02	2025-05-03	2025-05-04
Rainfall(mm)	0.0	0.0	0.0	3.0	2.0
Tmax(°C)	38.0	40.0	40.0	39.0	41.0
Tmin(°C)	25.0	26.0	27.0	26.0	25.0
RH-I(%)	58	52	63	67	67
RH-II(%)	15	14	13	38	35
Wind Speed(kmph)	24	20	24	24	20
Wind Direction(Degree)	106	129	121	108	113
Cloud Cover(Octa)	0	1	1	4	6
Warning	No Warning	No Warning	No Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds

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 rain with thunderstorms & lightning, squall, strong surface winds between dated on 3-4 May, 2025 . The maximum temperature is between 38.- 41.0°C, which is likely to be 1-2°C higher normal and the minimum temperature is between 25.0-27.0°C, which is likely to be 2-3°C higher normal. The maximum and minimum range of relative humidity is between 52-67 and 13- 38%. Wind direction is south-east and wind speed is between 20.0-24.0 kmph with gusts expected to be 15-20 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 thunderstorms, lightning, light rain with strong winds at local level between 2-4 May, 2025.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Farmers are advised to complete the threshing of the harvested crop quickly and store the grain in a safe place in view of the possibility of light rain with thunderstorms and strong winds between 02 - 04 May, 2025. Suspend irrigation work in standing Zaid crops.

General Advisory:

In view of the possibility of rain, farmers are advised to complete the threshing of the harvested wheat crop quickly and store the grain in a safe place and do not leave the harvested crop in the field. Suspend

irrigation work in standing zaid crops and spray insecticides, fungicides and weedicides only when the wind is calm/sky is clear and do not spray insecticides, pesticides and weedicides by standing in the opposite direction of the wind. Spraying should be done in the evening, if possible, after spraying, before eating and after washing clothes, hands should be washed thoroughly with soap or hand wash.

SMS Advisory:

Farmers are advised to thresh the harvested crops and store the grains in a safe place in view of the possibility of light rain with thunderstorms and strong winds between 02-04 May, 2025.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
WHEAT (Drying / Threshing)	In view of the possibility of rain, make proper arrangements for the drainage of excess rainwater from the standing wheat crops. Complete the threshing of the harvested wheat crop quickly and store the grain in a safe place and do not leave the harvested crop open in the field. Threshing should be done in the evening and at night when the wind is calm.
MAIZE (Vegetative)	Considering the possibility of rain, make proper arrangements for drainage of excess rain water. For prevention of stem borer pest in maize crop, spray Emamectin Benzoate 5% SG 200 grams per acre or Chlorantraniliprole 18.5% SC 60 ml per acre by dissolving it in 500-700 liters of water.
BLACK GRAM (Vegetative)	Keeping in view the possibility of rainfall, make proper arrangements for drainage of excess rain water. Keep the Zaid urd/moong crops free from weeds. There is a possibility of Thrips/green hopper pest infestation in the urd crop, hence for its prevention, spray Oxydemeton-methyl 25% EC or Dimethoate 30% EC at the rate of 1.0 liter/hectare by dissolving it in 600-700 liters of water.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
ONION (Physiological Maturity)	The best time to harvest onions is one week after 50% of the leaves fall. Thrips pest is likely to appear in the onion crop, so for its prevention, use Methyl-O-Dimethan 25% EC at the rate of 1.5 liters / ha spray the solution in 600-700 liters of water. Irrigation should be done by weeding and hoeing the vegetables planted in the summer season, tomato, brinjal and chilli. After harvesting the ready crops of pumpkin, gourd, taroi, bitter gourd, cucumber, cucumber, watermelon, muskmelon etc. sown in summer, send them to the market.
MANGO (Fruit formation)	Do irrigation work in orchards of mango, guava, lemon plum, grapes, papaya and litchi etc. Irrigate the orchards to prevent fall of mango fruit or apply 4.5 SL of 20 ml alpha naphthalene acetic acid make a solution per liter of water and spray it. To prevent cuckoo disorder or internal rot disease in mango pods, make borax 0.8% solution in 0.8 g / liter water and spray 2 at 10 days interval.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	In view of the prevailing weather, farmers are advised to Tie the animals in an open place at night. tie the animals in a shaded place or in the shade of a tree during the day. Feed animals with green fodder and easily digestible mineral mixture and salt. The animals must be given clean and cold water 3-4 times a day. It is the appropriate time to give anthelmintic medicine to the animals for the prevention of worms in the stomach. FMD for the prevention of foot-mouth disease to animal's vaccine and VQ for prevention of Lagadia fever. Get vaccinated with the vaccine. Do not leave the animals outside to graze between 11 am to 4 pm. Bathe the animals in the morning and evening.

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
HEN	Farmers are advised to In view of the severe heat, put jute curtains in the poultry house and soak the curtains with cold water during the afternoon, make arrangements for fans and ventilation. add dietary supplements; vitamins and energy feed ingredients to the hens as well as add calcium content to the hen. Give medicine for the prevention of worms in the stomach of hen (Divmrig). To protect the chickens from heat, arrange curtains, fans and ventilation in the hen house. To reduce the temperature of the hen house, cover the roof of the shed with straw.

Likely impacts of weather warnings (General)

According to the weather forecast received from the Indian Meteorological Department, there is a warning of thunderstorms, lightning, light rain with strong winds at local level between 2-4 May, 2025.

Impact based advisories (General)

Farmers are advised to complete the threshing of the harvested crop quickly and store the grain in a safe place in view of the possibility of light rain with thunderstorms and strong winds between 02 - 04 May, 2025. Suspend irrigation work in standing Zaid crops.

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>