



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



Agromet Advisory Bulletin

Date : 2025-05-06

Weather Forecast of District HATHRAS (Uttar Pradesh) Issued On : 2025-05-06 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-05-07	2025-05-08	2025-05-09	2025-05-10	2025-05-11
Rainfall(mm)	2.0	0.0	0.0	0.0	0.0
Tmax(°C)	36.0	36.0	36.0	39.0	39.0
Tmin(°C)	24.0	25.0	26.0	26.0	27.0
RH-I(%)	74	67	61	55	57
RH-II(%)	41	34	33	33	36
Wind Speed(kmph)	5	1	7	6	10
Wind Direction(Degree)	127	146	221	230	260
Cloud Cover(Octa)	6	4	2	2	2
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 rain with thunderstorms & lightning, squall, strong surface winds dated on 07 May, 2025 . The maximum temperature is between 36.0- 39.0°C, which is likely to be 1-2°C lower normal and the minimum temperature is between 24.0- 27.0°C, which is likely to be 1-2°C higher normal. The maximum and minimum range of relative humidity is between 55-74 and 33- 36%. Wind direction is south-east, south-west and wind speed is between 1.0-10.0 kmph with gusts expected to be 5-6 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, strong surface winds at local level 7 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 to moderate rain with thunderstorms & lightning, hailstorm, strong surface winds between dated on 07 May, 2025. Postpone irrigation work in 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 open in the field.. Postpone 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 secure the grains in view of the possibility of thunderstorms, lightning, hailstorms, accompanied by strong winds 07 May, 2025.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
WHEAT (Drying / Threshing)	Complete the harvesting and threshing of the wheat crop quickly and store the grains 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)	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 (Flower Initiation)	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. If infestation of pod borer insect is seen in urad crop, spray Quinalphos 25% EC 1.25 liter per hectare by dissolving it in 700-800 liters of water.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
ONION (Physiological Maturity)	The best time for digging out onions is one week after 50% leaves fall. In summer vegetable crops like tomato, brinjal and chilli, weeding should be done and irrigation should be done. In cucurbitaceous crops, if 10-15 green hopper insects are seen per hill, then after plucking the fruit, spray 1.0 ml of Imidacloprid 30.5% SC on the crop. Whereas for controlling stem and fruit borer insects, spray 2.5 liter of Azibactin 0.15% per hectare or 1.5 ml of Chlorantraniliprole per hectare by making a solution in 500-600 liters of water and spray it at an interval of 8-10 days.
MANGO (Fruit formation)	Irrigate orchards of mango, guava, lemon, plum, grapes, papaya and litchi etc. Irrigate orchards to prevent mango fruits from falling. To prevent kooiya disorder or internal rot disease in mango fruits, prepare a solution of 0.8% borax in 6-8 gm/liter water and spray twice at an interval of 10 days. Do not irrigate lemon and amla orchards at the time of flowering.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	In view of the current weather, farmers are advised to tie the animals in open spaces at night. Tie the animals in shady spaces or under the shade of trees during the day. Feed the animals green fodder and easily digestible mineral mixture and salt. Make sure to give clean and cold water to the animals 3-4 times a day. This is the right time to give deworming medicine to prevent worms in the stomach of the animals. Vaccinate the animals with FMD vaccine to prevent foot and mouth disease and VQ vaccine to prevent Lagadia fever. Do not leave the animals outside for grazing between 11 am and 4 pm. Bathe the animals in the morning and evening. Do not tie the animals in open spaces in view of the possibility of lightning.

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
HEN	Farmers are advised to install jute curtains in the poultry house in view of the changing weather and soak the curtains with cold water during the afternoon,

Poultry	Poultry Specific Advisory
	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, strong surface winds at local level 7 May, 2025.

Impact based advisories (General)

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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>