



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



Agromet Advisory Bulletin

Date : 2025-04-08

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

Parameter	2025-04-09	2025-04-10	2025-04-11	2025-04-12	2025-04-13
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	42.0	42.0	40.0	39.0	38.0
Tmin(°C)	24.0	25.0	25.0	24.0	24.0
RH-I(%)	59	66	63	69	66
RH-II(%)	27	28	27	25	26
Wind Speed(kmph)	10	12	7	3	5
Wind Direction(Degree)	114	128	81	210	222
Cloud Cover(Octa)	1	2	3	3	5
Warning	Heat Wave	Heat Wave	No Warning	No Warning	No Warning

Forecast Summary:

According to the weather forecast received from the Indian Meteorological Department, light to moderate cloud cover in the next five days but there is a no possibility of rain and first three days heat wave. The maximum temperature is between 38.- 42.0°C, which is likely to be 3-4°C higher normal and the minimum temperature is between 24.0-25.0°C, which is likely to be 2-3°C higher normal. The maximum and minimum range of relative humidity is between 59-69 and 25-28%. Wind direction is south-east, south-west and wind speed is between 5.0-12.0 kmph with gusts expected to be 6-7 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, light to moderate clouds in next five days but there is a no possibility of rain and warning heat wave in the first three days.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

In view of the weather conditions, farmers are advised to harvest and thresh the standing crops in the fields in the morning/evening to protect them from the heat wave. Do not do any work on the fields between 11 am and 4 pm and do light irrigation in the standing crops in the evening at an interval of 10-12 days. Do not leave the animals outside for grazing between 11 am and 4 pm. Bathe the animals in the morning and evening.

General Advisory:

Farmers are advised to maintain proper moisture in standing vegetables and crops by doing light irrigation as per requirement. While working in the field, tie a towel on the head and keep a water bottle with you. Keep the threshed crop grains in a safe place. To prevent infection of thrips insect and purple spot disease in onion, it is advised to keep a regular watch on the crops. Use separate equipment for

insecticides, fungicides and weedicide chemicals or wash the equipment with clean water and do not spray insecticides, fungicides and weedicide chemicals while standing in the opposite direction of the wind. If possible, spray in the evening, after spraying, wash hands thoroughly with soap or hand wash before eating or drinking and wash clothes and take a bath.

SMS Advisory:

Farmers are advised to maintain proper moisture in standing crops by doing light irrigation as per requirement. To avoid heat stroke, do not go out of the house unnecessarily during the afternoon.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
WHEAT (Harvesting)	Do threshing work by harvesting mature wheat crops. Bundles must be tied after harvesting the wheat crop so that the lock cannot being and at night when the wind is calm.
MAIZE (Vegetative)	Keep the maize crop free from weeds and maintain proper moisture by irrigating lightly at an interval of 12-15 days as per requirement. For prevention of stem borer pest in maize crop, spray Emamectin Benzoate 5% SG 200 gm per acre or Chlorantraniliprole 18.5% SC 60 ml per acre by dissolving it in 500-700 liters of water.
BLACK GRAM (Vegetative)	Keep black gram crops free from weeds and maintain proper moisture by giving light irrigation at intervals of 12 -15 days as per requirement. Thrips/green leaf pest is likely to be seen in black gram crop, so for its prevention, spray Oxidemetan-methyl 25% EC or Dimethoate 30% EC at the rate of 1.0 liter/ha by making a solution in 600-700 liters of water.
GREEN GRAM (Sowing)	Recommended species of Zaid Moong - Narendra Moong-1, Samrat (PDM-139), Sweta etc., do the work of sowing any one species at proper moisture. For sowing of zaid moong crop, complete the sowing work by April 10 at the rate of 20-25 kg seed/hectare.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
ONION (Vegetative)	In the summer season, irrigation should be done in the planted/sown vegetables at an interval of 8-10 days in the evening. 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.
MANGO (Fruit formation)	Irrigate the orchards to prevent fall of mango fruit or apply 4.5 SLOf of 20 ml alpha naphthalene acetic acid make a solution per liter of water and spray it. There is a possibility of showing the outbreak of midge pest in mango blossom, so for its prevention, spray Fenitrothian in 1.0 ml / liter of water and spray it.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	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 animals vaccine and VQ for prevention of Lagadia fever. Get vaccinated with the vaccine. In view of the prevailing weather, farmers are advised 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. Do not leave the animals to graze from 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 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, light to moderate clouds in next five days but there is a no possibility of rain and warning heat wave in the first three days.

Impact based advisories (General)

In view of the weather conditions, farmers are advised to harvest and thresh the standing crops in the fields in the morning/evening to protect them from the heat wave. Do not do any work on the fields between 11 am and 4 pm and do light irrigation in the standing crops in the evening at an interval of 10-12 days. Do not leave the animals outside for grazing between 11 am and 4 pm. Bathe the animals in the morning and evening.

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>