



Gramin Krishi Mausam Sewa

Agromet Advisory Bulletin for HATHRAS District
Chander Shekhar Azad University of Agriculture &
Technology

Kanpur, Uttar Pradesh



Agromet Advisory Bulletin

Date : 2025-11-18

Weather Forecast of District HATHRAS (Uttar Pradesh) Issued On : 2025-11-18 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-11-19	2025-11-20	2025-11-21	2025-11-22	2025-11-23
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	29.0	29.0	30.0	30.0	30.0
Tmin(°C)	11.0	12.0	12.0	13.0	13.0
RH-I(%)	63	69	69	68	68
RH-II(%)	29	34	34	34	35
Wind Speed(kmph)	5	4	2	1	2
Wind Direction(Degree)	321	323	307	315	315
Cloud Cover(Octa)	0	0	0	0	1
Warning	No Warning	No Warning	No Warning	No Warning	No Warning

Forecast Summary:

According to the weather forecast received from the Indian Meteorological Department, due to clear sky weather in the next five day, there is a no possibility of rain. However, there is a possibility of light mist in the upper surface of the atmosphere and light cold wave in the morning and night. The maximum temperature is between 29.0- 30.0°C, which is likely to be near its normal and the minimum temperature is between 11.0-13.0°C, which is likely to be 1-2°C higher normal. The maximum and minimum range of relative humidity is between 63-69 and 29-35%. Wind direction is north-west and wind speed is between 1.0-5.0 km/h with winds expected to be 1-2 Km/h higher 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 cold in the morning and night time.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Farmers are informed that the weather is favorable for sowing of Rabi crops and vegetables. Try to complete the sowing of crops sown in Rabi season like gram, peas, lentils, mustard and linseed etc. as soon as possible.

General Advisory:

Farmers are advised that the weather is favorable for sowing Rabi crops such as chickpea, peas, lentils, mustard, linseed, potatoes, and vegetables. For insecticides, fungicides, and herbicides, use only clean water to rinse equipment and do not spray pesticides, fungicides, or herbicides while standing upwind. If possible, wash hands thoroughly with soap after spraying, before eating, and after washing clothes.

SMS Advisory:

Farmers are advised to do light irrigation as per requirement to protect the potato crop from blight disease/cold wave and the weather is favorable for sowing of Rabi crops.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Drying / Threshing)	After threshing the paddy crops, dry the seeds in the sun for 3-4 days and then store them.
WHEAT (Sowing)	The temperature is favorable for the sowing of wheat under irrigated condition of the weather, so prepare the field for sowing of wheat and the regional varieties PBW-723, HPBW-01, DBW-39, K-9107, K-1006, K-402, K-607, DBW-90, WB-02, NW-5054, HD- 3043, U.P.-2382, H.U. W.-468, PBW-443, HD- 2967 etc. Recommended species for waste land:- KRL-210, KRL-213, K.R. -1317 etc. For sowing of any one species, do sowing work at proper moisture by arranging fertilizers and seeds.
RAPESEED (Pod Development)	Harvest the crop when 75% of the pods appear golden in rapeseed. Late sown rapeseed crop is running at the stage of flower to pod formation, which is sensitive to lack of moisture, so maintain proper moisture by giving light irrigation.
MUSTARD (Vegetative)	Within 15-20 sowing of mustard crop, weeding should be done within 10-20 centimeters of distance from plant to plant. In mustard crop, first irrigate should be done 30 - 35 days after sowing and on coming of oats, topdressing urea at the rate of 132 kg / ha. There is a possibility of outbreak of mustard saw fly and hairy caterpillar pest in the mustard crop, so for its prevention, spraying of imamactin benzoate at the rate of 5% SG 200 g / ha in 500-600 liters of water.
FIELD PEA (Vegetative)	In pea crop, weeding - hoeing should be done after 20-25 days of sowing.
CHICK PEA (Sowing)	There is a possibility of outbreak of cutworm (caterpillar insect) in chick pea crop, to prevent this, chloryrifos 50% EC + Spermethrin 5% EC at a rate of 2.0 liters / ha is sprayed in 500-600 liters of water. In the chick pea crop weeding - hoeing should be done after 30-35 days of sowing. Recommendation of gram crop crops- Block, Pusa-256, Pusa-362, K WR-108, K-850, DCP-92 -3, KDG - 1168 etc. Late sowing recommendations species - Pusa 372, Uday, Pant G.-186 etc. For sowing of any one species of sow seeds of small seeds at 75-80 kg and for seeds of large grains at the rate of 90-100 kg seeds / hectare.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
POTATO (Vegetative)	Due to increase in humidity / cloud cover and temperature in the environment, the outbreak of blight disease spreads rapidly in the potato crop, so to prevent this, spraying of Mancozeb in 2.0 g / liter water after 25-30 days of sowing. First irrigation in potato crop should be done after 8 -10 days of sowing. For the control of weeds in potato crop weeding - hoeing after 20 - 25 days of sowing after that plow it again. The Cutworm pest infestation is likely to be seen in potato crop.. To prevent this, Chlorpyriphos 20 EC at the rate of 2.5 liters / ha is sprayed in 500-600 liters of water.
CABBAGE (Vegetative)	Do the work of weeding and irrigation as per the sown vegetables in time. Complete sowing of garlic, radish, fenugreek, coriander, spinach and soya etc. soon. Transplant the seedlings of cabbage and cauliflower. 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 at intervals of 6-10 days.
PAPAYA (Transplanting)	Perform the transplanting of papaya seedlings. 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.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	In view of the possibility of change in weather, farmers are advised not to tie their animals in the open during night and to put curtains of jute bags on the windows and doors at night and remove the curtains during the day in the sun. Vaccinate animals to prevent foot-and-mouth disease. Do not tie pregnant buffaloes/cows at a sloping place. Feed nutritious fodder and grains to pregnant buffaloes/cows and make sure to feed the newly born child with sugar candy for three days. Give adequate quantity of grains along with green and dry fodder to the animals. Animals must be given clean and fresh water 3-4 times a day. Measures to prevent Lumpy virus :- Keep animals affected by Lumpy disease separately. Kill fly, mosquito, louse etc. Do not leave the carcass open after the death of the animal. Goat pox vaccine can be used in animals affected by this disease on the instructions of the doctor. Medicines like multi vitamins can be given to increase the immunity of the affected animal. Along with this, vaccination must be done to prevent infection.

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. Arrange sufficient heat to protect the chickens / chicks from cold. Provide adequate lighting to the chickens / chicks. Drink anthelmintic medicine. Ranikhet gets vaccinated to prevent disease.

Likely impacts of weather warnings (General)

According to the weather forecast received from the Indian Meteorological Department, there is a warning of light cold in the morning and night time.

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/>