



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



Agromet Advisory Bulletin

Date : 2025-11-14

Weather Forecast of District HATHRAS (Uttar Pradesh) Issued On : 2025-11-14 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-11-15	2025-11-16	2025-11-17	2025-11-18	2025-11-19
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	29.0	29.0	29.0	28.0	28.0
Tmin(°C)	10.0	10.0	10.0	10.0	10.0
RH-I(%)	62	63	65	66	69
RH-II(%)	33	33	34	35	38
Wind Speed(kmph)	7	7	5	5	2
Wind Direction(Degree)	304	294	304	299	321
Cloud Cover(Octa)	0	0	0	0	0
Warning	No Warning	Cold wave	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. There is a possibility of light fog in the upper surface of the atmosphere and cold wave in first two days . The maximum temperature is between 28.0- 29.0°C, which is likely to be near its normal and the minimum temperature is between 10.0- 11.0°C, which is likely to be 2-3°C lower normal. The maximum and minimum range of relative humidity is between 62-69 and 33-38%. Wind direction is north-west and wind speed is between 2.0-7.0 km/h with winds expected to be 2-3 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 cold wave in first two days.

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. Crops sown in Rabi season like wheat, gram, peas, lentils, mustard and linseed etc. should be sown only after seed treatment.

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 (Maturity and Harvesting)	Complete the work of harvest the paddy crops and after drying for 2 -3 days after harvesting, and after harvesting, dry the sun for 3-4 days and store the seeds.
WHEAT (Sowing)	According to the weather, the temperature is favorable for sowing of wheat in the irrigated condition, so sow. Prepare field for sowing wheat and regional species PBW-723, HPBW-01, DBW-39, K.-9107, K.-1006, K.-402, K.-607, D. .BW-90, WB-02, NW-5054, HD-3043, U.P-2382, H.U. W-468, PBW-443, HD-2967 etc. Recommendation species for erosive land: - KRL-210, KRL-213, K.- 1317 etc. for the sowing of any species of manure and seeds should be arranged.
RAPESEED (Flowering)	The rapeseed crop is in the flowering/pod formation stage and is sensitive to moisture. Therefore, maintain adequate moisture by irrigating lightly. There is a possibility of infestation of hairy caterpillar in the rapeseed crop, so for its prevention, Emamectin benzoate 5% SG at the rate of 200 g / ha is sprayed in 500-600 liters of water. Irrigate the Rapeseed crop as per requirement and apply top dressing of urea when the oats appear.
MUSTARD (Ear Emergence)	Saw fly in mustard crop - These pests cause more damage in 7 to 10 days of germination. To prevent this, methyl parathion 2 percent or malathion 5 percent or carbaryl 5 percent powder at the rate of 25 kg per hectare in the morning or evening. It on clear weather for sowing work at the rate of 3-4 kg seed/ha for complete the sowing work any one of the recommended varieties of rye/mustard- Pusa Mustard-34, Pusa Mustard-32, Varuna (V-WRR-2), C5-64 (CS2005-143), Pusa OOM-36 (PDZ-15), BMP-II (DIMR), Azad Mahak, Surekha (KMR-16-02), Rohini, Narendra Rai- 8501, Maya, Vaibhav etc.
FIELD PEA (Ear Emergence)	For sowing any one of the recommended varieties of pea crop - Rachana, Malviya Pea-15, Sapna etc., complete the sowing work quickly at the rate of 100-125 kg seeds/hectare.
CHICK PEA (Ear Emergence)	For sowing of any varieties of chickpea, crop recommendation species- Awarodhi, Pusa-256, Pusa-362, K.W.R-108, K-850, K.D.G.-1168 etc. Small grain seeds of 75-80 kg/ hectare for large grain seeds, complete the sowing work at the rate of 90-100 kg of seed / hectare.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
POTATO (Vegetative)	After weeding the potato crop sown on time, irrigate the fields lightly and apply soil at appropriate moisture. There is a possibility of cutworm infestation in the potato crop, hence for its control, spray Chlorpyrifos 20 EC at the rate of 2.0 litres/ha by dissolving it in 700-800 litre of water.
VEGETABLE PEA (Vegetative)	Transplant the prepared seedlings of cauliflower, cabbage, tomato and chilli. If infestation of fruit borer/leaf borer is seen in vegetable crops, then to control it, make a solution of Neem oil in 1.5 ml/litre of water and spray it 3-4 at an interval of 8-10 days. The weather is favorable for sowing of green peas, carrots, radish, garlic, coriander, spinach, soya and fenugreek etc.
MANGO (Vegetative)	Plant new plants in place of destroyed plants in new orchards of mango, guava, amla, lemon etc. After hoeing the banana/papaya gardens, add 25-30 cm high soil around the stem. Install wooden or boss stands in banana/papaya fruit trees. To prevent leaf cutting insect in mango, sprinkle 2% carbaryl 1.5% dust.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	Farmers are advised not to tie pregnant buffaloes/cows at sloping places. Feed nutritious fodder and grains to pregnant buffaloes/cows and feed colostrum to

Live Stock	Live Stock Specific Advisory
	the newborn baby for three days. Keep animals in a clean place. Get vaccinated against foot and mouth disease and administer BQ vaccine to prevent foot and mouth disease. For controlling external parasites, spray Butox solution at 0.2 ml/liter of water. In view of the changing weather, do not tie animals in open places at night and ensure to take care of the health and illness of the animals. Provide adequate amount of grains along with green and dry fodder to the animals. Make sure to feed clean and fresh water to animals 3-4 times a day.

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. 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 cold wave in first three days.
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Impact based advisories (General)

Farmers are informed that the weather is favorable for sowing of Rabi crops and vegetables. Crops sown in Rabi season like wheat, gram, peas, lentils, mustard and linseed etc. should be sown only after seed treatment.

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>