



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



Agromet Advisory Bulletin

Date : 2025-12-05

Weather Forecast of District HATHRAS (Uttar Pradesh) Issued On : 2025-12-05 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-12-06	2025-12-07	2025-12-08	2025-12-09	2025-12-10
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	24.0	26.0	26.0	27.0	26.0
Tmin(°C)	8.0	10.0	11.0	11.0	10.0
RH-I(%)	65	66	65	67	70
RH-II(%)	33	35	34	33	32
Wind Speed(kmph)	7	10	11	12	11
Wind Direction(Degree)	313	293	310	303	301
Cloud Cover(Octa)	0	3	2	0	0
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. There is a possibility of light mist in the upper surface of the atmosphere and light cold in the morning and night . The maximum temperature is between 24.0- 26.0°C, which is likely to be 1-2°C higher normal and the minimum temperature is between 8.0-11.0°C, which is likely to be near its normal. The maximum and minimum range of relative humidity is between 65-70 and 32-35%. Wind direction is north-west and wind speed is between 8.0-12.0 km/h with winds expected to be 4-5 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 the morning and night time.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Farmers are advised that the weather is favorable for sowing Rabi crops and vegetables. Efforts should be made to complete the sowing of Rabi crops such as wheat, gram, and mustard as soon as possible, ensuring adequate soil moisture.

General Advisory:

Farmers are advised that the weather is favorable for sowing Rabi crops like wheat, gram, mustard 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
WHEAT (CRI)	In the wheat crop sown from time to time, first irrigation must be done 20-25 days after sowing and 28-30 days after sowing in the grassland (Crown root Initiation stage). In wheat crop, if weeds of both succulent and broad-leaved weeds are seen, sulfosulfuran solution can be mixed in 500-600 liters of water at the rate of 75% WP 33 g / ha or matributjin 70% WP 250 g / ha. Make and sprinkle. The temperature is favorable for the sowing of wheat under irrigated condition of the weather, so the regional varieties for sowing wheat are PBW-723, HPBW-01, DBW- 39, K.-9107, K.-1006, K.-402, K.-607, DBW-90, WB-02, N.W.-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. Do the work of sowing of any one species at proper moisture.
MUSTARD (Vegetative)	Weeding should be done within 15-20 days of sowing of mustard crop and distance between plants should be maintained at 10-15 cm. First irrigation of mustard crop should be done after 30-35 days of sowing and when the leaves appear, topdressing of urea should be done at the rate of 132 kg/hectare. There is a possibility of sawfly and hairy caterpillar infestation in mustard crop, hence for its prevention, spray Imidacloprid 5% SG at the rate of 200 gm/hectare by dissolving it in 500-600 litres of water.
FIELD PEA (Vegetative)	Weeding and hoeing should be done in pea crop 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, chlorpyrifos 50% 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. of gram crop - Late sowing of chick pea crop recommendations variety - 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 fall in temperature, the outbreak of blight disease in potato crop spreads rapidly. To prevent this, spray Mancozeb/Propineb/Carbendazim fungicide on disease susceptible varieties by dissolving 2.0-2.5 kg of medicine in 1000 litres of water immediately. It is also advised that in the fields where the disease has already spread, spray any fungicide - cymoxanil 8% + mancozeb 64% WP at the rate of 3-4 grams per litre of water or metalaxyl 8% WP + mancozeb 64% WP at the rate of 3 grams per litre of water at an interval of 10-12 days.
CABBAGE (Vegetative)	For integrated pest management, spray Neem Seed Kernel Extract 05 ml/10 litre of water mixed with water at an interval of 10 to 15 days during the bud/flowering stage in cauliflower crops. Under proper soil moisture conditions, weeding and earthing up of tomato crops and staking of plants should be done. To protect the crop from blight disease, spray Mancozeb at the rate of 0.2% (2 gm/litre). To protect the crop from pests, use Beauveria vesiana (fungus) dissolved in 3-5 gm per litre of water or use neem based insecticides. To protect the crop from whitefly/thrips in chilli/tomato, spray Fipronil/Imidacloprid 1.0 ml per litre of water. To prevent shoot and fruit borer insects in brinjal crop, spray Beauveria vesiana (fungus) 3-5 grams or flubendamide 0.5-0.75 ml chemical by dissolving it in one litre of water.
MANGO (Vegetative)	In mango, prune and destroy branches affected by shoot gall maker and tent caterpillar. For control, spray a solution of lambdacyhalothrin at 1.5-2.0 ml/liter of water. If mango branches are suffering from dieback/gum exudation, apply 200-400 grams of copper sulfate per tree near the roots and spray foliarly with thiophanate methyl dissolved in 1 ml per liter of water. For bananas, apply 50-60 grams of urea and 100-125 grams of muriate of potash per plant and irrigate at 10-day intervals. To prevent bark-eating caterpillars

Horticulture (Stage)	Horticulture Specific Advisory
	in guava, first clean the holes with a thin wire or bicycle spoke. For control, soak dichlorvos in cotton, fill the holes, and apply a coating of wet soil.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	In view of the potential for weather changes, farmers are advised not to tie their animals outdoors at night. They should cover windows and doors with jute sack curtains and remove them during the day in the sun. Vaccinate animals against foot and mouth disease. Avoid tying pregnant buffaloes/cows on slopes. Feed pregnant buffaloes/cows nutritious fodder and grains, and ensure newborn calves are fed sugar candy for three days. Under the National Animal Disease Control Program, the Animal Husbandry Department is providing free vaccination against lumpy skin disease in animals. Animal farmers should take advantage of this. To prevent tick infestation, spray lime in animal enclosures to destroy tick eggs and larvae. To prevent all reproductive diseases, livestock farmers are advised to provide green fodder, straw, and mineral salts in addition to animal feed. To avail the benefit of Mobile Veterinary Unit Scheme launched by the department to provide veterinary services at the doorstep of farmers/animal herders, all farmers/animal herders can avail the benefit of the scheme by contacting the toll free helpline no.-1962.

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 cold wave in the morning and night time dated on 06.12.2025.
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Impact based advisories (General)

Farmers are advised that the weather is favorable for sowing Rabi crops and vegetables. Efforts should be made to complete the sowing of Rabi crops such as wheat, gram, and mustard as soon as possible, ensuring adequate soil moisture.
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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/>

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Damini MobileApp link : https://play.google.com/store/apps/details