



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



Agromet Advisory Bulletin

Date : 2025-10-17

Weather Forecast of District HATHRAS (Uttar Pradesh) Issued On : 2025-10-17 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-10-18	2025-10-19	2025-10-20	2025-10-21	2025-10-22
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	34.0	34.0	34.0	34.0	34.0
Tmin(°C)	20.0	20.0	20.0	20.0	21.0
RH-I(%)	67	65	66	66	64
RH-II(%)	47	44	48	52	52
Wind Speed(kmph)	4	1	4	4	1
Wind Direction(Degree)	311	90	360	95	342
Cloud Cover(Octa)	0	0	0	1	3
Warning	No Warning	No Warning	No Warning	No Warning	No Warning

Forecast Summary:

According to the weather forecast received from the Indian Meteorological Department, first three day in clear sky weather and remaining days in cloudy weather but there is a no possibility of rain. The maximum temperature is between 33.0- 34.0°C, which is likely to be 1-2 °C higher normal and the minimum temperature is between 20.0-21.0°C, which is likely to be near its normal. The maximum and minimum range of relative humidity is between 64-67 and 44-52%. Wind direction is north-west, north-east and wind speed is between 1.0-4.0 km/h with winds expected to be 1-2 Km/h 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 no warning in this week.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Farmers are advised to irrigate standing rice crops as needed, and the weather is favorable for harvesting/threshing and sowing mature crops. Dry the crop thoroughly in the sun before threshing. Smoke cattle sheds to protect livestock from mosquitoes.

General Advisory:

Farmers are advised to structure the grains by harvesting and threshing mature crops of paddy, maize, sesame etc. in view of the possibility of rain and to postpone the sowing of mustard, gram, peas and potatoes etc. Crops sown in Rabi season like gram, pea, lentil, mustard and linseed etc. should be sown only after seed treatment. Farmers should not be in a hurry to cross the road and also take care not to let their animal cross the road. Harvest the crop when 85% of the paddy appears golden in color .

SMS Advisory:

Farmers are advised to harvest and thresh mature crops and the weather is favorable for sowing Rabi crops.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Physiological Maturity)	Harvest the crops when 85% golden color appears in the paddy ears and after harvesting, dry the lock in the sun and do the threshing on clear weather. The current weather is favorable for pests, so after flowering, on an average, 2 - 3 odorous pests / hill are visible in the paddy crop, then for its control, Imidacoloroprid 17. 8% SL 350 ml / ha or Burfozin 25% SP 750 ml Make a solution in 500 -600 liters of water at the rate of / hectare and spray it on clear weather.
GROUNDNUT (Maturity and Harvesting)	The groundnut crop should be excavated only when the veins on the top of the peel emerge and the inner part becomes brown in color and the groundnut becomes pink. After harvesting the groundnut, dry the beans well in the sun and store them.
RAPESEED (Vegetative)	Along with weeding and hoeing within 20-22 days of sowing of rapeseed crop, make the distance from plant to plant to 10 - 15 cm. There is a possibility of outbreak of sawfly and hairy lard insect in rapeseed crop, so for its prevention, Imamectin Benzoate 5% SG at the rate of 200 g/ha or quinalphos 25 EC at the rate of 1.25 liters/ha in 500-600 liters of water. Make a solution and spray it.
MUSTARD (Sowing)	The weather is favorable for sowing work at the rate of 3-4 kg seed/ha for sowing 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.
CHICK PEA (Sowing)	Recommended varieties of gram crop - Block, Pusa-256, Pusa-362, KWR-108, K-850, KDG-1168 etc. Sow any one variety and seed 75-80 kg of small grains and for large grain varieties, do sowing at the rate of 90-100 kg seed/ha.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
POTATO (Sowing)	Main varieties of potato - Kufri Bahar, Kufri Anand, Kufri Badshah, Kufri Sinduri, Kufri Sutlej, Kufri Evergreen Lalima, Kufri Arun, Kufri and Kufri Pukhraj, Kufri Garim, Kufri Lima, Kufri Lalit, Kufri Sangam, Kufri Neelkanth, Kufri Ganga, Kufri Thar-3, Kufri Mohan, Kufri Neelkanth, Kufri Surya, Kufri Chipsona-1, Kufri Chipsona-3, Kufri Chipsona-4 And the weather is favorable for sowing of Kufri, Friesona etc. To prevent chicken pox in potato crop, spray 100 grams of streptocycline or boric acid in 10 liters of water and spray the tubers on the seeds and do not treat the germinated seeds.
VEGETABLE PEA (Sowing)	Sow vegetables like peas, fennel, celery, beetroot, garlic, coriander, spinach, soya, fenugreek, radish, carrot, turnip and leafy vegetables. Raise nursery of tomato, onion, chilli, cauliflower and cabbage. If there is a possibility of water stagnation in the field, then plant cauliflower, brinjal, tomato, chilli etc. on the ridges. If there is an infestation of fruit borer/leaf borer insect in vegetable crops, then for its control, make a solution of neem oil in 1.5 ml/litre water and spray it 3-4 times at an interval of 8-10 days when the sky is clear.
MANGO (Transplanting)	Plant new plants in place of the destroyed plants in the new bag. 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% carbaryl 1.5% dust .

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	Farmers are advised to Pregnant buffaloes/cows should not be tied to the slope, feed nutritious fodder and feed to pregnant buffaloes/cows and feed milk to the newborn child for three days. Keep the animals in a clean place and smoke the animals to prevent fly and mosquito. Get animals vaccinated for the prevention of cracking-mouth disease. Animals suffering from this disease should wash their wounds with potassium permanganate. Give sufficient quantity of grains with green and dry fodder to the animals. Do not feed the stagnant water of the ponds or other places, due to which the animals are prone to liver flu and stomach worms. The animals must give clean and fresh water 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. This is not the right time to raise new chicks for eggs but it is a suitable time for broiler chickens. Add supplementary food, vitamins and energy food material to the chickens' diet and also give calcium material to the chickens. Chlorination of water must be done. Give deworming medicine to kill the worms in the stomach of the chickens. Keep the chicken house dry and keep turning the bedding.

Likely impacts of weather warnings (General)

According to the weather forecast received from the Indian Meteorological Department, there is no warning in this week.

Impact based advisories (General)

Farmers are advised to irrigate standing rice crops as needed, and the weather is favorable for harvesting/threshing and sowing mature crops. Dry the crop thoroughly in the sun before threshing. Smoke cattle sheds to protect livestock from mosquitoes.

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>