



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



Agromet Advisory Bulletin

Date : 2026-02-10

Weather Forecast of District HATHRAS (Uttar Pradesh) Issued On : 2026-02-10 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-02-11	2026-02-12	2026-02-13	2026-02-14	2026-02-15
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	26.0	26.0	25.0	26.0	28.0
Tmin(°C)	11.0	13.0	12.0	11.0	12.0
RH-I(%)	77	70	67	69	63
RH-II(%)	37	34	31	28	28
Wind Speed(kmph)	4	4	12	9	7
Wind Direction(Degree)	360	280	293	295	305
Cloud Cover(Octa)	0	0	2	1	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 days there is a no possibility of rain and light colds conditions will be remain morning and night time. The maximum temperature is between 25.0- 28.0°C, which is likely to be 3-4°C higher normal and the minimum temperature is between 11.0-13.0°C, which is likely to be 2-3°C higher normal. The maximum and minimum range of relative humidity is between 63-77 and 28-37%. The wind direction will be from the north-west and the wind speed will be between 4.0-12.0 km/hour, which is expected to be 4-5 km/hour higher than normal.

Weather Warnings (Valid Till 08:30 IST of the next day)

According to the weather forecast received from the Indian Meteorological Department, a warning of strong winds has been issued in the last three days.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Farmers are advised to irrigate their standing Rabi crops only when the wind is calm, otherwise there is a higher risk of the crops lodging (falling over).

General Advisory:

Farmers are advised to irrigate standing Rabi crops only when the wind is calm; otherwise, there is a higher risk of the crops lodging (falling over). For sowing Zaid maize, urad (black gram), and summer vegetables, arrange for fertilizers and seeds and sow when the soil moisture is adequate. When using pesticides, fungicides, and herbicides, use separate equipment or thoroughly wash the equipment with clean water before each application. Do not spray or dust pesticides, fungicides, or herbicides while standing against the wind. If possible, spray in the evening. After spraying, wash your hands thoroughly with soap or handwash before eating or drinking, and wash your clothes and take a bath.

SMS Advisory:

Farmers are advised that wind speeds are likely to be higher than normal during the last three days, therefore, please postpone irrigation of standing crops.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
WHEAT (Booting)	Keeping in view the weather condition, farmers are advised to irrigate the third crop in wheat crop 60-65 days after sowing (Jointing Stage) and fourth irrigation 80-85 days (Booting Stage). In the wheat crop, when the outbreak of mice is seen, use fodder made of zinc phosphide or aluminum phosphide cake. Collectively try to prevent mice.
MUSTARD (Grain filling and Maturity)	Apply second irrigation in mustard crop before flowering or at seed filling stage. Mustard crop is likely to show outbreak of aphid, Painted class and leaf mulch in mustard crop, so Chlorpyrifos rate of 20% EC 1.0 liter / ha or Monocrotophos 37% SL @ 500 ml / ha for its prevention spray from 500 - 600 liters of water.
FIELD PEA (Pod Development)	There is a possibility of outbreaks of Pod borer insects in the pea crop, so for its prevent this, spraying Qunalphos 25 EC@ 2 liters per hectare or Emamectin benzoate 5 % sg 180 - 200 gram per hectare in 500 to 600 liters of water Solution.
CHICK PEA (Pod Development)	There is a possibility of outbreaks of pod borer insects in the gram crop, so for it's prevent this, spraying Qunalphos 25 EC@ 2 liters per hectare or Emamectin benzoate 5 % sg 180 - 200 gram per hectare in 500 to 600 liters of water.
MAIZE (Sowing)	Recommended to the composite varieties of Zaid Maize - Tarun, Naveen, Mahi, Kanchan, Gaurav, Sweta, Azad Uttam and Hybrid Varieties - Prakash, Dikalb- 7074, Dikalb- 9108, Dikalb- 9208, Dikalb- 9141, Dikalb- 9165, Dikalb- 9217, PHB-8144, Deccan 115, MMH-133 etc. Sow by arranging fertilizers and seeds for sowing any one species. Sow 20-25 kg seed/hectare for composite variety of maize and 18-20 kg seed/hectare for Hybrid variety.
BLACK GRAM (Sowing)	Do to Zaid black gram is variety - Urd-Ta-9, Narendra Urd-1, Azad Urd-1, Azad Urd-2, Shekhar-2, Sujata, PU-40 etc arrange of fertilizer and seed for sowing of any one of the varieties. for sowing of black gram seeds at the rate of 25-30 kg of seed / hectare .

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
POTATO (Hard Dough)	Apply light irrigation as per requirement in potato crop. If there is an outbreak of blight disease in potato crop, then make a solution of Mancozeb or Ridomil 2.5 gm/Lit of water or Copper oxychloride 3.0 gm/Lit of water and spray it at an interval of 12-15 days.
ONION (Transplanting)	Sown vegetables such as ladyfinger, zucchini, cucumber, bitter gourd, gourd and pumpkin etc. sown during summer season. Transplant the prepared onions and irrigate them immediately after planting. For weed control in onion crop, spraying of Pendimethalin 30% EC.3.5 liters of medicine / ha in 800 liters of water immediately after transplanting or just before irrigation. In tomato, chili crop, in case of late blight and outbreak of bacterial wilt disease, spray a mixture of 30 grams of copper oxychloride and 1 gram of streptocillin in 10 liters of water.
MANGO (Flowering)	There is a possibility of an outbreak of midge insect in mango blossom, so spraying phenytrrothian solution in 1.0 ml / liter water to prevent it. In mango orchards, there is a possibility of moth and mango hopper pest infestation, so spraying Chlorpyrifos 20 EC 2.0 ml or Phenitrothian 50 EC 3.0 ml / liter water is sprayed to prevent it.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	In view of the current weather, farmers are advised to swing the animals in the morning and evening to protect them from the cold, their animals in the

Live Stock	Live Stock Specific Advisory
	open during the night and Draw and put curtains of jut sack on windows and doors at night and remove put curtains in the sun during the day. Give sufficient quantity of grains to the animals with green and dry fodder. Animals must be given fresh and fresh water 3-4 times a day. Keep the animals in a clean place.

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
HEN	Farmers are advised to give provide light to the chickens 15 to 16 hours a day. The hen supplements the food, mix vitamins and energy food material in their feed as well as calcium content to hens. Arrange enough heat to keep the chickens from freezing.

Likely impacts of weather warnings (General)

According to the weather forecast received from the Indian Meteorological Department, a warning of strong winds has been issued in the last three days.

Impact based advisories (General)

Farmers are advised to irrigate their standing Rabi crops only when the wind is calm, otherwise there is a higher risk of the crops lodging (falling over).

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>