



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



Agromet Advisory Bulletin

Date : 2025-06-06

Weather Forecast of District HATHRAS (Uttar Pradesh) Issued On : 2025-06-06 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-06-07	2025-06-08	2025-06-09	2025-06-10	2025-06-11
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	38.0	41.0	42.0	42.0	45.0
Tmin(°C)	26.0	28.0	29.0	29.0	29.0
RH-I(%)	59	42	34	34	36
RH-II(%)	42	26	21	21	23
Wind Speed(kmph)	4	12	20	20	18
Wind Direction(Degree)	195	280	289	289	287
Cloud Cover(Octa)	4	0	0	0	0
Warning	NA	NA	NA	NA	NA

Forecast Summary:

According to the weather forecast received from the Indian Meteorological Department, light cloud cover in the first day and clear weather appearing in remaining days, there is no any possibility of rain . The maximum temperature is between 38.0- 45.0°C, which is likely to be 3-4°C higher normal and the minimum temperature is between 26.0-29.0°C, which is likely to be 1-2°C higher normal. The maximum and minimum range of relative humidity is between 34-59 and 21-42%. Wind direction is south-west, north-west and wind speed is between 4.0-20.0 kmph with gusts expected to be 6-8 kmph high speed than 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 no warning in next five days.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

The weather is favourable for harvesting and threshing of mature zaid crops and sowing of Kharif maize and nursery of paddy.

General Advisory:

Farmers are advised to harvest and thresh the mature crops of maize, urad/moong and conserve the grains and the weather is favourable for sowing of Kharif maize and paddy nursery. Do not tie the animals under the trees. Bathe the animals in the morning and evening, keep them in a shady place, give

them water 3-4 times. Do not spray insecticides, fungicides and weedicides while standing in the opposite direction of the wind. If possible, hands should be washed thoroughly with soap after spraying, before eating and after washing clothes.

SMS Advisory:

Farmers are advised to conserve the grains by harvesting and threshing the mature crops of maize, urad/mung.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
MAIZE (Sowing)	Prepare the fields for sowing of Kharif maize, and also arrange for fertilizers and seeds for sowing any one of the improved recommended complex varieties- Kanchan, Gaurav, Sweta, Azad Uttam and hybrid varieties- Prakash, Y-1402, Bio-9681, Pro-316, D-9144, Dikalb- 7074, PHB- 8144, Deccan 115, MMH-133 etc. For sowing of complex varieties of maize, sow at the rate of 20-25 kg seeds/hectare and hybrid varieties at the rate of 18-20 kg seeds/hectare.
RICE (Nursery/ seedling)	Prepare the fields for sowing paddy nursery, along with improved varieties like Narendra-359, Narendra paddy-2026, Narendra paddy-2064, Narendra paddy-2065, Narendra paddy-3112, Sarju-52, Sita etc and hybrid varieties- Pro.Agro-6444 (2001) Arise, Pro.Agro-6201 (2001) Arise, PHB-71, Pioneer-27 P 31, 27 P 37, 28 P 67, RRX-113, Kaveri-468, KRH-2, US-312, RH-312, RH. Arrange seeds and fertilizers of any one of the varieties like -1531 etc. and aromatic rice variety - Type-3, Pusa Basmati-1, Malviya Sugandh-105, Malviya Sugandh-3-4, Narendra Sugandh and Narendra Usar Rice-1, Narendra Usar Rice-2, Narendra Usar Rice-2008, CLR-10 etc. and set up nursery. Lightly irrigate the field 15 days before setting up nursery of rice seeds so that weeds growing in the field get destroyed while preparing the field.
MAIZE (Grain filling and Maturity)	Plucking of ripe corn cobs should be done with caution and after collecting the plucked cobs, keep them safe in a shady place. Corn crop is in the stage of cob formation/grain filling, which is sensitive to lack of moisture, maintain proper moisture by lightly irrigating as per need. There is a possibility of infestation of stem borer insect in maize crop, hence for its prevention, make a solution of Quinalphos 25 % EC 2.0 liter/hectare or Dimethoate 30% EC 1.0 liter/hectare in 700-800 liters of water and spray when sky is clear.
BLACK GRAM (Grain filling and Maturity)	Urad / Moong crop is in pod formation stage, which is sensitive to lack of moisture, maintain proper moisture by doing light irrigation as per requirement. There is a possibility of infestation of pod borer insect in Urad / Moong crop, hence for its prevention, make a solution of Emamectin Benzoate 5% SG 220 gram/hectare or Dimethoate 30% EC 1.0 liter/hectare in 500-600 liters of water and spray when sky is clear.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CAULIFLOWER (Nursery Bed Preparation)	Raise nursery/ sow seedlings of vegetables to be sown in Kharif. This is the appropriate time for nursery of brinjal, chili, early cauliflower and sowing of ladyfinger, cowpea, pumpkin, bottle gourd, ridge gourd, bitter gourd, cucumber etc. Harvest the ready crops of Zaid pumpkin, bottle gourd, bitter gourd, cucumber, watermelon, muskmelon etc. and send them to market. For prevention of fruit borer/leaf borer pest in vegetable crops, prepare solution of neem oil 1.5-2.0 ml/liter in water and spray 3-4 times at an interval of 8-10 days. Do weeding in standing vegetable crops and do irrigation work in the evening at an interval of 8-10 days.

Horticulture (Stage)	Horticulture Specific Advisory
MANGO	Dig pits for planting new gardens. Do irrigation work in orchards of mango, guava, lemon plum, grapes, papaya and litchi etc. Irrigate the orchards to prevent fall of mango fruit or apply 4.5 SL of 20 ml alpha naphthalene acetic acid make a solution per liter of water and spray it. To prevent cuckoo disorder or internal rot disease in mango pods, make borax 0.8% solution in 0.8 g / liter water and spray 2 at 10 days interval.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	Considering the current weather, farmers are advised to tie the animals in the open during the night. Tie the animals in a shade time place during the day. Do not tie the animals under the tree because this week the chances of falling trees twigs are high due to the speed of the winds. FMD for the prevention of foot-mouth disease to animal's vaccine and VQ for prevention of Lagadia fever. Give sufficient quantity of grains to the animals with green and dry fodder. Animals must be given clean and fresh water 3-4 times a day. Do not tie pregnant animals to the sloping place. The best time to give anthelmintic drugs for the prevention of insects in the stomach of animals.

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
HEN	Farmers are advised to add dietary supplements; vitamins and energy feed ingredients to the hens as well as add calcium content to the hen. Give medicine for the prevention of worms in the stomach of hen (Divmirg). To protect the chickens from heat, arrange curtains, fans and ventilation in the hen house. To save the chickens from the heat, sprinkle water on the curtains engaged in the chicken house so that the coolness remains.

Likely impacts of weather warnings (General)

According to the weather forecast received from the Indian Meteorological Department, there is a no warning in next five days.

Impact based advisories (General)

The weather is favourable for harvesting and threshing of mature zaid crops and sowing of Kharif maize and nursery of paddy.

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 lightning.

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>