



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



Agromet Advisory Bulletin

Date : 2025-06-03

Weather Forecast of District HATHRAS (Uttar Pradesh) Issued On : 2025-06-03 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-06-04	2025-06-05	2025-06-06	2025-06-07	2025-06-08
Rainfall(mm)	4.0	0.0	0.0	0.0	0.0
Tmax(°C)	35.0	36.0	37.0	38.0	39.0
Tmin(°C)	26.0	25.0	27.0	28.0	29.0
RH-I(%)	78	67	52	33	36
RH-II(%)	46	45	30	21	19
Wind Speed(kmph)	8	7	6	11	20
Wind Direction(Degree)	240	236	249	272	282
Cloud Cover(Octa)	6	3	2	2	1
Warning	NA	NA	NA	NA	NA

Forecast Summary:

According to the weather forecast received from the Indian Meteorological Department, due to light to moderate cloud cover in the next five day there is a possibility of light rain with thunderstorms & lightning, squall, strong winds at local level dated on 4 June, 2025. The maximum temperature is between 35.0- 39.0°C, which is likely to be near at normal and the minimum temperature is between 25.0-29.0°C, which is likely to be 1-2°C higher normal. The maximum and minimum range of relative humidity is between 33-78 and 19- 30%. Wind direction is south-west, north-west and wind speed is between 6.0-20.0 kmph with gusts expected to be 8-10 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 warning on light rain, thunderstorms & lightning, strong winds at a local level dated on 04 June 2025.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

In view of light rain with thunderstorm/lightning and strong winds, farmers are advised not to tie animals in open space/under trees and also postpone their travel or activity. If you are in a group during a thunderstorm, separate from each other. Preserve the grains by harvesting and threshing the mature Zaid crops

General Advisory:

Farmers are advised to harvest and thresh the mature crops of maize, urd/moong and conserve the grains and the weather is favorable 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 by 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:

In view of the possibility of light rain, thunderstorm, lightning, strong winds, farmers are advised to harvest and thresh the mature crops of maize, urd / moong and preserve the grains.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
MAIZE (Sowing)	Prepare the fields for the sowing of Kharif maize, as well as the advanced recommended complex species- Kanchan, Gaurav, Sweta, Azad, the best and hybrid varieties- Prakash, Y-1402, Bio-9681, Pro-316, D-9144, Dikalb- For sowing any one species from 7074, PHB-8144, Deccan 115, MMH-133 etc., arranging manure and seeds. For sowing of complex variety of maize, sow at the rate of 20 -25 kg seed / hectare and Shankar species at the rate of 18 -20 kg seed / hectare.
RICE (Nursery/ seedling)	Prepare the fields for planting paddy nursery, as well as the advanced varieties 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 , Prof.Agro-6201 (2001)Arise, PHB-71, Pioneer-27 P 31, 27 P 37, 28 P 67 , RR X-113, Kaveri - 468, KRH-2, US-312, RH. -312, rh. -1531etc and fragrant paddy varieties- Type-3, Pusa Basmati-1, Malviya Sugandh-105, Malviya Sugandha-3-4, Narendra Sugandh and Narendra Usar Paddy-1, Narendra Usar Paddy-2, Narendra Usar Paddy-2008, CLR-10 etc Insert nursery by arranging any one variety of seeds and fertilizers . Light irrigation should be done in the field 15 days before planting the nursery of paddy seeds so that the weeds coming out in the field are destroyed while preparing the field.
MAIZE (Grain filling and Maturity)	Stop the work of maize ripening of cobs and collect the broken cobs and make it safe at the bottom. The maize crop is in a corn-filling / granule-filling stage, which is sensitive to moisture loss, so in the event of no rain, maintain proper moisture by irrigating as necessary. There is a possibility of outbreaks of stem borer in the maize crop, so to prevention it, spraying of Qunalphos 25% EC 2.0 liter / ha or Dimethoate 30% EC 1.0 liter / ha at the rate of 700-800 liters of water a solution spray when the sky is clear.
BLACK GRAM (Grain filling and Maturity)	The black gram crop is in a state of pod growth, which is sensitive to lack of moisture, so in the event of no rain, irrigate and maintain proper moisture as needed. In black/green gram crops There is a possibility of outbreak of pod borer in green gram crop, so to prevent it, apply Emamectin Benzoate 5% SG 220 g / hectare or Dimethoate 30% EC. spray at the rate of 1.0 liters/hectare in 600-700 liters of water when the 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

Horticulture (Stage)	Horticulture Specific Advisory
	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.
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 (Divmrig). 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 warning on light rain, thunderstorms & lightning, strong winds at a local level dated on 04 June 2025.

Impact based advisories (General)

In view of light rain with thunderstorm/lightning and strong winds, farmers are advised not to tie animals in open space/under trees and also postpone their travel or activity. If you are in a group during a thunderstorm, separate from each other. Preserve the grains by harvesting and threshing the mature Zaid crops

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>