



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



Agromet Advisory Bulletin

Date : 2025-06-10

Weather Forecast of District HARDOI (Uttar Pradesh) Issued On : 2025-06-10 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-06-11	2025-06-12	2025-06-13	2025-06-14	2025-06-15
Rainfall(mm)	0.0	0.0	3.2	0.0	3.9
Tmax(°C)	43.0	43.0	43.8	42.5	40.7
Tmin(°C)	27.0	27.0	27.0	27.0	27.0
RH-I(%)	52	53	95	75	97
RH-II(%)	29	29	54	38	47
Wind Speed(kmph)	11	10	12	18	18
Wind Direction(Degree)	101	115	88	95	98
Cloud Cover(Octa)	1	3	5	4	7
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, strong winds at local level between dated on 13-15 June, 2025. The maximum temperature is between 41.0- 44.0°C, which is likely to be 4-5°C higher normal and the minimum temperature is between 26.0-27.0°C, which is likely to be 1-2°C higher normal. The maximum and minimum range of relative humidity is between 52-97 and 29- 47%. Wind direction is south-east, north-east and wind speed is between 10.0-18.0 kmph with gusts expected to be 5-6 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 between dated on 13-15 June 2025.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

In view of the heat wave for the first two days and the possibility of light rain in the last three days, farmers are advised to conserve the grains by harvesting and threshing the mature Zaid crops and do not do irrigation work in the morning and afternoon. Do not do any work on the fields between 11 am to 4 pm and do light irrigation in standing crops in the evening at an interval of 7-8 days. Do not leave the animals outside for grazing between 11 am to 4 pm. Bathe the animals in the morning and evening. Do not go out of the house unnecessarily during the afternoon. If there is any important work, then go out of the house only after tying a towel on the head.

General Advisory:

In view of the possibility of light rain and thunderstorms, farmers are advised to complete the harvesting and threshing of the ripe zaid crops as soon as possible and conserve the grains. Spray insecticides, fungicides and weedcides only when the wind is calm/the sky is clear and do not spray

insecticides, pesticides and weedicides while standing in the opposite direction of the wind. If possible, hands should be washed thoroughly with soap or hand wash after spraying, before eating and after washing clothes.

SMS Advisory:

In view of the possibility of light rain and thunderstorms, farmers are advised to complete the harvesting and threshing of the ripe Zaid crops as soon as possible and conserve the grains.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Nursery/ seedling)	After preparing the field, plant 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 (Sowing)	After preparing the field by ploughing it for sowing Kharif maize, arrange for fertilizers and seeds for sowing any one of the improved recommended complex varieties - Kanchan, Gaurav, Shweta, Azad Uttam and hybrid varieties - HMH-3904, PMH-3, NK-61, Prakash, Y-1402, Bio-9681, Pro-316, D-9144, Dikalb- 7074, PHB- 8144, Deccan 115, MMH-133 etc. For sowing complex variety of maize, sow at the rate of 20-25 kg seed/hectare and Shankar variety at the rate of 18-20 kg seed/hectare.
MAIZE (Maturity and Harvesting)	Farmers are advised to harvest the mature maize corn and after separating the grain from the broken corn, dry it well in the sun and store it.
BLACK GRAM (Maturity and Harvesting)	Farmers are advised that after harvesting the mature crops of black gram, separate the grain from the straw by threshing and structure the grain.
GREEN GRAM (Maturity and Harvesting)	Farmers are advised that after harvesting the mature pods of green gram, after threshing, separate the grain from the straw and structure the grain.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
BRINJAL (Physiological Maturity)	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.
MANGO (Transplanting)	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 warning on light rain, thunderstorms & lightning, strong winds at a local level between dated on 13-15 June 2025.

Impact based advisories (General)

In view of the heat wave for the first two days and the possibility of light rain in the last three days, farmers are advised to conserve the grains by harvesting and threshing the mature Zaid crops and do not do irrigation work in the morning and afternoon. Do not do any work on the fields between 11 am to 4 pm and do light irrigation in standing crops in the evening at an interval of 7-8 days. Do not leave the animals outside for grazing between 11 am to 4 pm. Bathe the animals in the morning and evening. Do not go out of the house unnecessarily during the afternoon. If there is any important work, then go out of the house only after tying a towel on the head.

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>