



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



Agromet Advisory Bulletin

Date : 2025-02-14

Weather Forecast of District HATHRAS (Uttar Pradesh) Issued On : 2025-02-14 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-02-15	2025-02-16	2025-02-17	2025-02-18	2025-02-19
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	27.0	28.0	28.0	28.0	27.0
Tmin(°C)	10.0	10.0	11.0	12.0	12.0
RH-I(%)	58	59	69	61	54
RH-II(%)	33	31	32	33	34
Wind Speed(kmph)	8	3	3	4	6
Wind Direction(Degree)	293	310	41	5	338
Cloud Cover(Octa)	1	1	1	1	2

Weather Summary/Alert:

According to the weather forecast received from the Indian Meteorological Department, light cloud cover in the next five days but there is a no possibility of rain . The maximum temperature is between 27.0- 28.0°C, which is likely to be 4-5°C higher normal and the minimum temperature is between 10.0- 12.0°C, which is likely to be 1-2°C higher normal. The maximum and minimum range of relative humidity is between 58-69 and 31-34%. Wind direction is north-west, north-east and wind speed is between 3.0-8.0 kmph with gusts expected to be 4-5 kmph high speed than normal.

General Advisory:

Farmers are advised to do light irrigation as per requirement in rabi crops and vegetables crop sown, as well as weather is favorable for sowing Zaid Maize, Black gram and summer vegetables. For insecticides and pesticides chemicals, separate or use only to wash equipment with clean water and do not spray or spray insecticides, pesticides and weedicide standing in the opposite direction of the wind. Spraying should be done in the evening, if possible, after spraying, washing hands thoroughly with soap or hand washing before eating and after washing.

SMS Advisory:

Farmers are advised to do light irrigation as per requirement in rabi crops and vegetables crops sown, as well as weather is favorable for sowing Zaid Maize, Black gram and summer vegetables.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
WHEAT	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	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

Crop (Stage)	Crop Specific Advisory
	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	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	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	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	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	The weather is favorable for digging the potato crop sown on time. Do not do any kind of agricultural operations in the potato crop.
ONION	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 built disease, spray a mixture of 30 grams of copper oxychloride and 1 gram of streptocillin in 10 liters of water.
MANGO	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 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.

