



**Gramin Krishi Mausam Sewa**  
**Agromet Advisory Bulletin for UDAMSINGH-NAGAR**  
**District**  
**Govind Ballabh Pant University of Agriculture & Technology**  
 Udham Singh Nagar, Pantnagar, Uttarakhand



## Agromet Advisory Bulletin

Date : 2025-01-31

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-01-31 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-02-01	2025-02-02	2025-02-03	2025-02-04	2025-02-05
Rainfall(mm)	0.0	0.0	0.0	5.0	5.0
Tmax(°C)	25.0	25.0	26.0	26.0	26.0
Tmin(°C)	6.0	6.0	6.0	7.0	7.0
RH-I(%)	60	60	60	70	70
RH-II(%)	30	30	30	40	40
Wind Speed(kmph)	3	3	3	4	4
Wind Direction(Degree)	90	320	320	90	360
Cloud Cover(Octa)	0	0	0	7	8

### Weather Summary/Alert:

Last seven days (24 to 31 January) observed 0 mm rainfall with maximum and minimum temperature varying between 17.0-24.5 and 5.2-7.5°C, respectively. The weather was observed to be clear on most of the days. The morning and evening relative humidity varied between 91-100% and 49-75%, respectively. The wind speed mostly ranged between 0.0-3.4 kmph blowing primarily from the west-north-west, west-south-west, east-south-east, west-north-west and east-south-east and west-south-west direction. The upcoming 5 day forecast shows very light rainfall of 0-5 mm with maximum and minimum temperature varying between 25.0-26.0°C and 6-7°C. The wind speed is expected to be 3-4 kmph from north-west, north and east direction. Very light to light rain is likely to occur at isolated places on 3rd February while light to moderate rain is likely to occur at many places on 4th February. Dry weather likely to prevail during rest of the period. A yellow warning regarding thunderstorm accompanied with lightening is likely to occur at isolated places on 4th February.

### General Advisory:

A regular update regarding weather forecast and agrometeorological advisory is available on the "Meghdoot App" and "Damini App" is also available to get lightning information. Meghdoot and Damini apps can be downloaded from Google Play Store (Android users) and App Center (iOS users). The NDVI composite shows good agricultural vigour in the region. The extended range forecast system shows large deficient rainfall, above normal maximum and normal minimum temperature trend during 31 January to 6 February.

### SMS Advisory:

As per IMD forecast, very light to medium rainfall has been predicted so farming operations scheduled accordingly. Insecticide or pesticide spray should be scheduled accordingly.

### Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
CHICK PEA	Irrigation application at flowering and pod formations should be scheduled as per the forecast.
LENTIL	Irrigation application at flowering and pod formations should be scheduled as per the forecast.
RAPESEED	The rapeseed crop should be harvested on maturity and properly dried before shredding. Application of irrigation at flowering and pod formation stage in Mustard (Rai) as per requirement is necessary to avoid yield losses. Regular monitoring of mustard for pest and disease attack should be done and recommended practices for control should be followed. In case of alternaria blight, regular spray of Mancozeb 75% @2kg/ha in 800-1000 litre water, 2-3 times at an interval of 10 days is required while in case of white rust, regular spray of Metalaxyl 35 WS or Ridomil MZ 72 @ 2.5kg/ha in 800-1000 litre water, 2-3 times at an interval of 10 days. There might be a light attack of downy mildew which can be treated with Metalaxyl 35 WS or Ridomil MZ 72 @ 2kg/ha in 500 litres of water. The harvested crop should be protected as per the forecasted rainfall and any kind of chemical application should be delayed.
MUSTARD	The rapeseed crop should be harvested on maturity and properly dried before shredding. Application of irrigation at flowering and pod formation stage in Mustard (Rai) as per requirement is necessary to avoid yield losses. Regular monitoring of mustard for pest and disease attack should be done and recommended practices for control should be followed. In case of alternaria blight, regular spray of Mancozeb 75% @2kg/ha in 800-1000 litre water, 2-3 times at an interval of 10 days is required while in case of white rust, regular spray of Metalaxyl 35 WS or Ridomil MZ 72 @ 2.5kg/ha in 800-1000 litre water, 2-3 times at an interval of 10 days. There might be a light attack of downy mildew which can be treated with Metalaxyl 35 WS or Ridomil MZ 72 @ 2kg/ha in 500 litres of water. The harvested crop should be protected as per the forecasted rainfall and any kind of chemical application should be delayed.
WHEAT	The crop should be irrigated as required and weed emergence should be controlled. The weather conditions are suitable for yellow rust occurrence so appropriate measures should be taken up. Any kind of farming operation should be scheduled as per the forecast.
BARLEY	The crop should be irrigated as per requirement and weed management measures should be followed. Any kind of farming operation should be scheduled as per the forecast.
SUGARCANE	The crop should be harvested at 16-18% brix value and appropriate farming operations should be followed in autumn sugarcane. Any kind of farming operation should be scheduled as per the forecast.

#### Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
ONION	The onion seedlings should be protected against harm by direct rainfall with proper measures having easy air and water movement. Any kind of farming operation should be scheduled as per the forecast.
VEGETABLE PEA	The pea crop is very sensitive to dry and cold nights so irrigation should be applied as required and regular monitoring for pest and diseases should be done. On occurrence of powdery mildew/aphid attack appropriate chemical or mechanical measures should be taken up. Any kind of farming operation should be scheduled as per the forecast.
TOMATO	Regular monitoring of crop should be done and recommended practices should be followed. The crop should be regularly monitored for disease transferring insects and controlled with the recommended practices. Late blight disease in tomatoes can be prevented with a Mancozeb spray @ 2.5g/liter of water. Any kind of farming operation should be scheduled as per the forecast.
CHILLI	Regular monitoring of crop should be done and recommended practices should be followed. The crop should be regularly monitored for disease transferring insects and controlled with the recommended practices. Late blight disease in tomatoes can be prevented with a Mancozeb spray @

Horticulture (Stage)	Horticulture Specific Advisory
	2.5g/liter of water. Any kind of farming operation should be scheduled as per the forecast.
POTATO	To control the late blight disease in potato, it is advised that solution of Mancozeb@ 2.5g/liter of water should be sprayed. Any kind of farming operation should be scheduled as per the forecast.

#### Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	To save the animal from cold, increase the amount of oil and Jaggery (Gur) in the food of animals. Caraway (Ajwain) and gur also be given to the animals. To save the animals from cold, proper arrangement of animal shed should be done. Vaccination should be given to the animals to save them from Rinderpest disease (Sheetla rog).The animal feed should be increased by 10% for extra energy requirement.
COW	To save the animal from cold, increase the amount of oil and Jaggery (Gur) in the food of animals. Caraway (Ajwain) and gur also be given to the animals. To save the animals from cold, proper arrangement of animal shed should be done. Vaccination should be given to the animals to save them from Rinderpest disease (Sheetla rog).The animal feed should be increased by 10% for extra energy requirement.

#### Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
HEN	Medicine as per the veterinarian should be administered for aflatoxiosis caused due to fungal growth in their feed.