



**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 : 2025-01-28

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-01-28 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-01-29	2025-01-30	2025-01-31	2025-02-01	2025-02-02
Rainfall(mm)	0.0	0.0	0.0	0.0	1.0
Tmax(°C)	21.0	22.0	23.0	24.0	25.0
Tmin(°C)	6.0	7.0	7.0	8.0	10.0
RH-I(%)	85	85	80	80	85
RH-II(%)	70	70	65	65	70
Wind Speed(kmph)	3	4	4	5	4
Wind Direction(Degree)	330	120	40	120	130
Cloud Cover(Octa)	0	0	0	0	2

### Weather Summary/Alert:

Last seven days (21 to 27 January) observed no rainfall with maximum and minimum temperature varying between 17.0-25.5 and 5.2-9.9°C, respectively. The weather was observed to be foggy in the morning on most days. The morning and evening relative humidity varied between 90-100% and 53-83%, respectively. The wind speed mostly ranged between 0.0-6.3 kmph blowing primarily from the west-north-west, north, west-south-west, east-south-east and west direction. The upcoming 5 day forecast shows very light rainfall of 1.0 mm on 1st February with maximum and minimum temperature varying between 19.0-20.0°C and 5-6°C. The wind speed is expected to be 6-9 kmph from north-west-west, south-east-east and south-east direction. Very light to light rain is likely to occur at isolated places on 01 February. Dry weather is likely to prevail during rest of the period.

### 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 and normal maximum-minimum temperature trend during 24-30 January.

### SMS Advisory:

Irrigation should be applied when required and in case of fog and extreme cold conditions, small seedlings should be protected from chilling injury and disease control should be practiced in the crops

### Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
CHICK PEA	Irrigation application at flowering and pod formations should be given as required.
LENTIL	Irrigation application at flowering and pod formations should be given as required.

Crop (Stage)	Crop Specific Advisory
RAPESEED	The rapeseed/mustard 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.
MUSTARD	The rapeseed/mustard 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.
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.
BARLEY	The crop should be irrigated as per requirement and weed management measures should be followed.
SUGARCANE	The crop should be harvested at 16-18% brix value and appropriate farming operations should be followed in autumn sugarcane.

#### Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
ONION	The onion seedlings should be protected against frost and cold temperatures with proper measures having easy air and water movement.
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.
TOMATO	The temperature and humidity levels are suitable for pest and disease attack so 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.
CHILLI	The temperature and humidity levels are suitable for pest and disease attack so 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.
POTATO	To control the late blight disease in potato, it is advised that solution of Mancozeb@ 2.5g/liter of water should be sprayed.

#### 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

Live Stock	Live Stock Specific Advisory
	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.

**Others (Soil / Land Preparation) Specific Advisory:**

Others (Soil / Land Preparation)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	There is likely occurrence of cold conditions and dense fog in the region so appropriate measures to protect the young seedlings should be taken up. Irrigation should be applied as required in the crops. Heaters and smoke should be used to prevent frost and chilling injury in the crops. The weather is congenial; for disease occurrence in most of the crops so appropriate sprays should be done to protect the crops.