



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 : 2025-02-04

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-02-04 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-02-05	2025-02-06	2025-02-07	2025-02-08	2025-02-09
Rainfall(mm)	2.0	0.0	0.0	0.0	0.0
Tmax(°C)	23.0	23.0	25.0	26.0	26.0
Tmin(°C)	8.0	9.0	7.0	7.0	8.0
RH-I(%)	85	85	80	80	85
RH-II(%)	75	70	65	65	65
Wind Speed(kmph)	6	7	8	6	5
Wind Direction(Degree)	330	340	320	300	330
Cloud Cover(Octa)	5	3	0	1	4

Weather Summary/Alert:

Last seven days (28 January to 03 February) observed no rainfall with maximum and minimum temperature varying between 21.5-25.6 and 5.5-7.5°C, respectively. The weather was clear on most of the days. The morning and evening relative humidity varied between 92-100% and 37-55%, respectively. The wind speed mostly ranged between 1.3-3.4 kmph blowing primarily from the south-south-west, east-south-east, south-west, west-south-west, west-north-west and south-west direction. The upcoming 5 day forecast shows very light rainfall of 2 mm with maximum and minimum temperature varying between 23.0-26.0°C and 7-9°C. The wind speed is expected to be 5-8 kmph from north-west-north, north-west and north-west-west direction. Light to moderate rain is likely to occur at few places on 4th February. Dry weather is likely to prevail during rest of the period. A yellow warning alert has been given regarding the occurrence of thunderstorm accompanied with lightning at isolated places on 4 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, dry weather is expected so irrigation should be applied and the sprays against disease-pest should be scheduled accordingly.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
CHICK PEA	Irrigation should be applied at flowering and pod formation stage. The recommended pesticide spray should be scheduled accordingly.
LENTIL	Irrigation should be applied at flowering and pod formation stage. The recommended pesticide spray should be scheduled accordingly.
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.
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.
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	Regular irrigation should be applied and regular hoeing-weeding should be done.
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	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 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.