



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 : 2026-02-03

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2026-02-03 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-02-04	2026-02-05	2026-02-06	2026-02-07	2026-02-08
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	23.0	24.0	24.0	24.0	24.0
Tmin(°C)	12.0	11.0	9.0	9.0	9.0
RH-I(%)	74	71	70	72	71
RH-II(%)	35	31	35	38	35
Wind Speed(kmph)	7	7	7	7	7
Wind Direction(Degree)	160	90	348	317	321
Cloud Cover(Octa)	3	1	0	1	1
Warning	Fog	Fog	No Warning	No Warning	No Warning

Forecast Summary:

Last seven days (27 January to 2 February) observed no rainfall with maximum and minimum temperature varying between 14.2-22.2 and 6.5-12.6°C, respectively. Dense fog was observed last week during morning hours. The morning and evening relative humidity varied between 95-100% and 63-86%, respectively. The wind speed mostly ranged between 2.0-5.9 kmph blowing primarily from the west, west-north-west, east and south-east direction. The upcoming 5 day forecast shows no rainfall with maximum and minimum temperature varying between 23.0-24.0°C and 9-12°C. The wind speed is expected to be 7 kmph from south-south-east, east, north-west, north-west and north-west-north direction. Yellow alert has been issued regarding the occurrence of dense fog for 3 and 4 February.

Weather Warnings (Valid Till 08:30 IST of the next day)

Yellow warning regarding dense fog has been issued for 3 & 4 February.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Disruption in regular chemical applications in crop so all the spray operations should be scheduled on dry days or when the leaves are dry during afternoon hours.

General Advisory:

The weather forecast is regularly updated on "Mausam App" and weather associated agrometeorological advisory is regularly updated on the "Meghdoot App". "Damini App" is available to get lightning information. Mausam, Meghdoot and Damini apps can be downloaded from Google Play Store (Android users) and App Center (iOS users). The extended range forecast system from 30 January to 5 February indicates large deficient rainfall, normal maximum and below normal minimum temperature trend.

SMS Advisory:

As per IMD, dense fog conditions have been forecasted so all the chemical applications should be done during dry days or when the leaves are not wet during afternoon hours.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
LENTIL (Vegetative)	Regular weeding-hoeing operations should be continued in the crop and in case of plant rot occurrence, it should be controlled using fungicide that can be applied when the leaves are dry or on dry days.
RAPESEED (Flowering)	The life saving irrigation application at flowering and pod formation stage is important so it should be applied as per soil moisture requirement. Pest and disease attack monitoring should be done in rapeseed crop and recommended control measures should be followed. In case of alternaria blight attack regular spray of Mancozeb 75% @2kg/ha in 800-1000 litre water, 2-3 times at an interval of 10 days while in case of white rust attack, Metalaxyl 35 WS or Ridomil MZ 72 @2.5 kg/ha in 800-1000 litre of water, 2-3 times at an interval of 10 days.
MUSTARD (Flowering)	The life saving irrigation application at flowering and pod formation stage is important so it should be applied as per soil moisture requirement. Pest and disease attack monitoring should be done in mustard crop and recommended control measures should be followed. In case of alternaria blight attack regular spray of Mancozeb 75% @2kg/ha in 800-1000 litre water, 2-3 times at an interval of 10 days while in case of white rust attack, Metalaxyl 35 WS or Ridomil MZ 72 @2.5 kg/ha in 800-1000 litre of water, 2-3 times at an interval of 10 days.
WHEAT (Vegetative)	Irrigation should be applied as per soil moisture requirement and after irrigation urea application should be done.
BARLEY (Vegetative)	Irrigation should be applied as per soil moisture requirement and after irrigation urea application should be done.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CAPSICUM (Nursery)	The capsicum seeds should be sown in the prepared nursery and in case of seedling establishment they should be protected against extreme conditions using protective nets.
VEGETABLE PEA (Vegetative)	Regular weeding-hoeing operations should be done and in case of plant rot occurrence fungicide application should be done during afternoon time when leaves are dry.
SPINACH	Apply irrigation as required and protective nets should be used to protect the plants.
POTATO (Tuber set)	Late blight disease in Potato can be controlled using Mancozeb @2.5 g/litre of water. The spray application should be done during afternoon hours when leaves are dry.
APPLE	To control the fruit Rot disease in apple and seed bearing fruits, soil should be removed from the surrounding area of the stem so that the sunrays may enter directly in the stem of the affected tree. Affected bark should be removed and chaubatia paste should be applied along with soil covering.

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.

Live Stock	Live Stock Specific Advisory
	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.

Likely impacts of weather warnings (General)

Disruption of regular chemical spray.

Impact based advisories (General)

The chemical spray should be scheduled on days when the weather is clear or during afternoon hours when the leaves are dry.

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 lightening.

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/>