



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



Agromet Advisory Bulletin

Date : 2026-01-09

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2026-01-09 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-01-10	2026-01-11	2026-01-12	2026-01-13	2026-01-14
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	15.0	15.0	15.0	15.0	15.0
Tmin(°C)	1.0	1.0	1.0	1.0	2.0
RH-I(%)	77	70	75	68	69
RH-II(%)	45	42	40	45	40
Wind Speed(kmph)	4	8	4	7	4
Wind Direction(Degree)	330	340	290	310	300
Cloud Cover(Octa)	2	1	1	1	1
Warning	Ground Frost; Fog	Ground Frost; Fog	Ground Frost; Fog	Fog	Fog

Forecast Summary:

In the upcoming days no rainfall has been predicted and dry weather is expected to prevail in the region. Dense fog warnings with ground frost at isolated places has been predicted for the upcoming week. Maximum & minimum temperature may remain 15.0 degree Celsius & 1.0-2.0 degree Celsius, respectively. Wind is expected to blow with a speed of 4-8 km/hr from the north-west-north, north-north-west, west north-west, north-west and north-west-west direction. The upcoming week will be cold with dense fog conditions occurring from 9 to 13 January and ground frost occurrence from 9 to 11 January. Yellow warning has been issued regarding the occurrence of dense fog and ground frost at isolated places in the upcoming week.

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

Yellow warning regarding the occurrence of ground frost and fog has been given for the upcoming week. Cold dry days are expected to remain in the upcoming days.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Ground frost is harmful for the crops and may cause freezing injury so light irrigation is a must to maintain temperatures and save freezing injury in the crops. Use protective nets in frost sensitive crops like leafy vegetables, capsicum.

General Advisory:

The weather forecast and agrometeorological advisory is regularly updated 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 extended range forecast system indicates dry rainfall trend with above normal maximum and below normal minimum temperature trend.

SMS Advisory:

As per IMD, yellow warning has been issued regarding the occurrence of ground frost with fog for the upcoming week so light irrigation and protective nets should be used to avoid frost damage.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
CHICK PEA (Vegetative)	Regular monitoring of the crop should be done and weeding-hoeing operations should be continued in the crops to avoid weed infestation problem. Light irrigation should be applied to avoid damage due to freezing injury.
LENTIL (Vegetative)	Regular monitoring of the crop should be done and weeding-hoeing operations should be continued in the crops to avoid weed infestation problem. Light irrigation should be applied to avoid damage due to freezing injury.
RAPESEED (Flowering)	Regular monitoring of the crops should be done and hoeing-weeding operations should be done in the crop as required. The application of disease/pest control measures should be done when the leaves are dry during afternoon hours. Light irrigation should be applied to save the crop from freezing injury.
MUSTARD (Flowering)	Regular monitoring of the crops should be done and hoeing-weeding operations should be done in the crop as required. The application of disease/pest control measures should be done when the leaves are dry during afternoon hours. Light irrigation should be applied to save the crop from freezing injury.
WHEAT (Vegetative)	Regular monitoring of the rainfed crop should be done and regular weeding-hoeing operation should be carried to remove weeds and prevent losses due to them.
BARLEY (Vegetative)	Regular hoeing-weeding operations should be done in the crop and light irrigation should be applied to save the crop from cold damage.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CAPSICUM (Nursery/ seedling)	The nursery should be prepared and seeds should be sown in the prepared nursery but the already germinated seeds and seedlings should be protected from ground frost using protective net structures.
SPINACH (Vegetative)	The nursery should be prepared and seeds should be sown in the prepared nursery but the already germinated seeds and seedlings should be protected from ground frost using protective net structures.
POTATO (Vegetative)	After earthing operation in the potato crop at 30-35 days interval remaining nitrogen need to be added.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
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.
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.

Live Stock	Live Stock Specific Advisory
GOAT	Keep the delivery chambers of sheep/goats clean and neat.

Likely impacts of weather warnings (General)

Ground frost can cause cold damage to crops and leafy vegetables.

Impact based advisories (General)

Light irrigation should be given to save the crops from frost damage and protective nets should be used to protect the frost sensitive crops.

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>