



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 : 2026-01-06

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2026-01-06 (Valid Till 08:30 IST of the next 5 days)

| Parameter | 2026-01-07 | 2026-01-08 | 2026-01-09 | 2026-01-10 | 2026-01-11 |
|------------------------|-------------------|-------------------|------------|------------|------------|
| Rainfall(mm) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Tmax(°C) | 14.0 | 14.0 | 14.0 | 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) | 7 | 8 | 7 | 7 | 7 |
| Wind Direction(Degree) | 330 | 340 | 290 | 310 | 300 |
| Cloud Cover(Octa) | 2 | 1 | 1 | 1 | 1 |
| Warning | Ground Frost; Fog | Ground Frost; Fog | 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 with ground frost is expected at isolated places in the upcoming week. Maximum & minimum temperature may range 14.0 to 15.0 degree Celsius & 1.0-2.0 degree Celsius, respectively. Wind is expected to blow with a speed of 7-8 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 6 to 10 January and ground frost might occur on 6 and 7 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)

Dry weather is likely to prevail with yellow warning regarding the occurrence of dense fog and ground frost.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

As dry weather is expected to remain and ground frost is also expected, light irrigation should be applied. During afternoon hours when leaves are dry do chemical applications as required against disease/pest attack.

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 large deficient rainfall, normal maximum and below normal minimum temperature trend.

SMS Advisory:

As per IMD dry weather and ground frost has been predicted so light irrigation should be applied to the crops to avoid cold damage.

Crop Specific Advisory:

| Crop (Stage) | Crop Specific Advisory |
|-------------------------|--|
| CHICK PEA (Vegetative) | Regular monitoring of the crop should be done for hoeing and weeding. Light irrigation should be applied in case of ground frost occurrence. |
| LENTIL (Vegetative) | Regular monitoring of the crop should be done for hoeing and weeding. Light irrigation should be applied in case of ground frost occurrence. |
| RAPESEED (Flowering) | Regular monitoring of the crops should be done and hoeing-weeding operations should be scheduled and done in the crop as required. The application of disease/pest control measures should be done when the leaves are dry during afternoon hours. |
| MUSTARD (Flowering) | Regular monitoring of the crops should be done and hoeing-weeding operations should be scheduled and done in the crop as required. The application of disease/pest control measures should be done when the leaves are dry during afternoon hours. |
| WHEAT (Vegetative) | Under rainfed conditions, regular monitoring of the crop should be done and weeding-hoeing operations should be done in the crop. |
| BARLEY (Vegetative) | The crop should be monitored regularly for hoeing and weeding operations. Light irrigation should be applied to save the crop from cold damage. |

Horticulture Specific Advisory:

| Horticulture (Stage) | Horticulture Specific Advisory |
|------------------------------|---|
| CAPSICUM (Nursery/ seedling) | Seeds should be sown in the prepared nursery and the seedlings should be protected from frost damage. Light irrigation can help save seedlings from frost damage. |
| SPINACH (Vegetative) | Light irrigation should be applied to protect the crop against ground frost damage. |
| POTATO (Vegetative) | At 30-35 days interval, remaining nitrogen need to be added after earthing up in potato and control measures should be used to control the occurrence of late blight disease. |

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. |
| SHEEP | Keep the delivery chambers of sheep/goats clean and neat. |
| GOAT | Keep the delivery chambers of sheep/goats clean and neat. |

Likely impacts of weather warnings (General)

Cold damage in vegetable crops due to ground frost and high pest/disease risks in crops.

Impact based advisories (General)

Light irrigation should be applied to avoid ground frost damage and pest/disease control measures should be used.

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/>

