



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 : 2025-12-26

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-12-26 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-12-27	2025-12-28	2025-12-29	2025-12-30	2025-12-31
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	16.6	17.5	17.9	19.2	19.9
Tmin(°C)	7.2	7.7	8.4	8.5	8.7
RH-I(%)	73	68	63	59	57
RH-II(%)	37	28	28	25	24
Wind Speed(kmph)	3	3	3	4	5
Wind Direction(Degree)	300	320	290	280	29
Cloud Cover(Octa)	3	2	1	1	0
Warning	Cold Day; Fog	Cold Day; Fog	Cold Day; Fog	Fog	Fog

Forecast Summary:

In the upcoming days no rainfall has been predicted. Maximum & minimum temperature may be 17.0-20.0 degree Celsius & 7.0-9.0 degree Celsius, respectively. Wind is expected to blow with a speed of 3-5 km/hr from the North-west-west, north-west, west-north-west and west-north. Cold days and foggy days are expected from 26-30 December. Yellow warning regarding the occurrence of cold days at isolated places from 26-28 December while same warning has been given from 26-30 December regarding dense fog.

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

Cold days and dense fog is expected in the upcoming week.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Occurrence of diseases and pests and damage due to cold weather. The disease and pest control measures should be followed during afternoon hours if the crop is dry and irrigation should be applied to save the crop from cold damage.

General Advisory:

The farmers and other related community can download the "Mausam" app for regular weather information and rainfall alerts. Other apps like "Meghdoot" and "Damini" are also available for regular update of meteorological and lightning data, respectively. All the apps can be easily downloaded from Google Play Store (Android users) and App Centre (iOS users).

SMS Advisory:

As per IMD warnings, cold days and dense fog is expected in the upcoming days so appropriate farming actions like life saving irrigation should be applied to the crops.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
CHICK PEA (Vegetative)	Regular monitoring of the crop should be done and life saving irrigation should be applied as required. The farming operations should be taken up as per the forecasted cold days and dense fog conditions.
LENTIL (Vegetative)	Regular monitoring of the crop should be done and life saving irrigation should be applied as required. The farming operations should be taken up as per the forecasted cold days and dense fog conditions.
RAPESEED (Flower Initiation)	The spray against disease and pest in the crop should be done during afternoon hours when crop is dry and weather conditions are supportive for the chemical spray. All the farming operations should be taken up as per the forecasted cold days and dense fog conditions.
MUSTARD (Flower Initiation)	The spray against disease and pest in the crop should be done during afternoon hours when crop is dry and weather conditions are supportive for the chemical spray. All the farming operations should be taken up as per the forecasted cold days and dense fog conditions.
WHEAT (Vegetative)	Regular monitoring of the crop should be done and life saving irrigation should be applied as required. The chemical spray should be scheduled during afternoon hours when the crop is dry and weather conditions are supportive for the spray. The farming operations should be taken up as per the forecasted cold days and dense fog conditions.
BARLEY (Vegetative)	Regular monitoring of the crop should be done and life saving irrigation should be applied as required. The chemical spray should be scheduled during afternoon hours when the crop is dry and weather conditions are supportive for the spray. The farming operations should be taken up as per the forecasted cold days and dense fog conditions.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
ONION (Seedling Growth)	The transplanting and other farming operations should be scheduled during afternoon hours when the crop is not wet and weather conditions are supportive. Irrigation should be applied to avoid cold damage.
POTATO (Vegetative)	The weather is conducive for the disease occurrence in potato crop so the disease control measures like chemical spray should be scheduled during afternoon hours when crop is dry and weather is supportive for chemical application.
SPINACH	Light irrigation should be applied to avoid damage by cold weather conditions.

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).
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).

Likely impacts of weather warnings (General)

Significant cold days and dense fog is expected in the upcoming days so cold damage and occurrence of disease and pest attack is expected.
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Impact based advisories (General)

Light irrigation should be applied to the crops and disease control measures through chemical spray can be done during afternoon hours when crops are dry and weather conditions are suitable for the 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>