



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 : 2025-12-19

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-12-19 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-12-20	2025-12-21	2025-12-22	2025-12-23	2025-12-24
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	17.0	17.0	16.0	17.0	18.0
Tmin(°C)	5.0	6.0	6.0	5.0	5.0
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	140	310	300
Cloud Cover(Octa)	1	4	4	2	1
Warning	Fog	Fog	No Warning	No Warning	Fog

Forecast Summary:

In the upcoming days no rainfall has been predicted. Maximum & minimum temperature may be 16.0-18.0 degree Celsius & 5.0-6.0 degree Celsius, respectively. Wind is expected to blow with a speed of 7-8 km/hr from the North-west-north, north-north-west, South-East, north-west and north-west-west. Shallow to moderate fog is expected on 19, 20 and 23 December. Yellow warning regarding the occurrence of shallow to moderate fog while other days might remain dry without any fog conditions.

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

Yellow weather warning regarding occurrence of shallow to dense fog has been given for 19, 20 and 23 December

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Cold days are expected ahead so light irrigation should be provided if required to prevent damage due to frost.

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). The extended range forecast shows deficient pattern for rainfall and above normal maximum and minimum temperature trend during 19.12.2025 to 25.12.2025.

SMS Advisory:

As per IMD, shallow to moderate fog is expected on 19, 20 and 23 December so proper farming measures to protect crops from cold damage like light irrigation should be taken.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
CHICK PEA (Vegetative)	The crop should be monitored and irrigation should be applied as required. Regular weeding-hoeing operations should be done in the crop.
LENTIL (Vegetative)	The crop should be monitored and irrigation should be applied as required. Regular weeding-hoeing operations should be done in the crop.
WHEAT (Seedling Growth)	In irrigated as well as rainfed conditions, regular monitoring of the crops should be done and suitable farming practices should be followed.
BARLEY (Seedling Growth)	The crop should be monitored regularly for hoeing and weeding.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
ONION (Transplanting)	Field preparation should be done using cow dung for onion transplanting.
POTATO (Vegetative)	In the valleys, under frost condition the crop should be irrigated at appropriate intervals.
CAULIFLOWER (Transplanting)	Top dressing of urea should be done in transplanted cauliflower varieties and weeding-hoeing operations should be followed regularly.
SPINACH (Vegetative)	In irrigated valley, hoeing should be done in Methi, spinach (Palak) and Coriander after irrigation.
APPLE	Recommended practices should be followed after pruning for diseases prevention in Apple, Pear, Peach, Plum and Khumani.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	With the changing weather, there is a high chance of Pneumonia in new born babies of animals. So, it is advised that animal shed should be protected from cold and hot food should be given to the animals.
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).

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	On occurrence of frost/fog, irrigation should be applied to the fields at regular intervals.

Likely impacts of weather warnings (General)

Damage due to frost.

Impact based advisories (General)

Light irrigation should be applied to save the crop from damage due to frost/fog.

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/>

