



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 : 2025-12-30

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

Parameter	2025-12-31	2026-01-01	2026-01-02	2026-01-03	2026-01-04
Rainfall(mm)	0.0	0.0	0.3	0.0	0.1
Tmax(°C)	19.2	18.5	17.4	17.5	17.1
Tmin(°C)	8.4	8.0	7.2	7.1	6.6
RH-I(%)	65	69	67	72	74
RH-II(%)	29	36	35	35	39
Wind Speed(kmph)	7	6	6	6	7
Wind Direction(Degree)	300	31	14	29	30
Cloud Cover(Octa)	0	2	2	0	0
Warning	Fog	Fog	Fog	Fog	Fog

Forecast Summary:

In the upcoming days very light drizzle may occur on 1 and 3 January. Maximum & minimum temperature may be 17.1-19.2 degree Celsius & 6.6-8.4 degree Celsius, respectively. Wind is expected to blow with a speed of 6-7 km/hr from the North-west-west, north-west, south-east and west-north-west. Dense fog and cold day condition is likely to occur at isolated places in during the upcoming week from 30 December to 3 January for which yellow warning has been issued.

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

Yellow warning has been issued regarding the cold days and dense fog in the upcoming week.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

The cold days and dense fog is harmful for the crops so light irrigation should be applied to maintain temperatures. Maintain temperature in potato crop and disease/pest control measures should be followed as the weather is suitable for the occurrence of pest/disease in the potato crop.

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 System shows deficient rainfall and above normal maximum and minimum temperature.

SMS Advisory:

As per IMD, dense fog and cold days are expected ahead so suitable farming arrangements to maintain temperature in field and in animal shed is required to avoid any losses due to cold.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
CHICK PEA (Vegetative)	Regular monitoring from pest/disease and weeds should be done. The hoeing and weeding operations should be carried out in the pulse crop and light irrigation should be applied to the crop to save it from cold weather attack.
LENTIL (Vegetative)	Regular monitoring from pest/disease and weeds should be done. The hoeing and weeding operations should be carried out in the pulse crop and light irrigation should be applied to the crop to save it from cold weather attack.
RAPESEED (Vegetative)	Regular monitoring of the crops should be done for weeds, disease and pests. In valleys and lower hills light irrigation should be applied at flowering stage and recommended control measures should be followed against the attack of pests/diseases. Light irrigation can be applied if required.
MUSTARD (Vegetative)	Regular monitoring of the crops should be done for weeds, disease and pests. In valleys and lower hills light irrigation should be applied at flowering stage and recommended control measures should be followed against the attack of pests/diseases. Light irrigation can be applied if required.
WHEAT (Vegetative)	Weeding and hoeing operations should be followed in the crops under rainfed conditions while under irrigated conditions recommended weed control measures should be followed. Light irrigation can be applied if required.
BARLEY (Vegetative)	Regular monitoring and regular weeding-hoeing operations should be done. Light irrigation should be applied to avoid cold damage.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CAPSICUM (Nursery/ seedling)	Seed sowing should be done in the nursery prepared for the capsicum cultivation. The germinated seedlings should be protected against frost/fog occurrence by providing light irrigation.
SPINACH (Vegetative)	Hoeing operations in irrigated valley should be done for Methi, spinach (Palak) and Coriander. Light irrigation should be applied to protect the crops against frost/fog damage.
POTATO (Vegetative)	To control the late blight disease in potato, it is advised that solution of Mancozeb@ 2.5g/liter of water should be applied. Light irrigation should be applied as required by the crop.
APPLE	Proper pruning operations should be done in Apple, Pear, Peach, Plum and Khumani and after pruning the regular recommended practices should be followed for disease prevention.
PEAR	Proper pruning operations should be done in Apple, Pear, Peach, Plum and Khumani and after pruning the regular recommended practices should be followed for disease prevention.
PEACH	Proper pruning operations should be done in Apple, Pear, Peach, Plum and Khumani and after pruning the regular recommended practices should be followed for disease prevention.
PLUM	Proper pruning operations should be done in Apple, Pear, Peach, Plum and Khumani and after pruning the regular recommended practices should be followed for disease prevention.

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).

Others (Soil / Land Preparation) Specific Advisory:

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

Likely impacts of weather warnings (General)

Fog/frost occurrence can cause cold damage in crops and prevalence of insect/pest attack might increase. Potato crop is at sensitive stage to pest/disease occurrence as the weather conditions are suitable for late blight disease occurrence.

Impact based advisories (General)

Light irrigation should be applied to the crop to save from frost/fog damage and regular monitoring of the potato crop should be done to prevent damage by disease/pest.

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>