



Gramin Krishi Mausam Sewa
Agromet Advisory Bulletin for NAINITAL District
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Udham Singh Nagar, Pantnagar, Uttarakhand



Agromet Advisory Bulletin

Date : 2025-12-23

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-12-23 (Valid Till 08:30 IST of the next 5 days)

| Parameter | 2025-12-24 | 2025-12-25 | 2025-12-26 | 2025-12-27 | 2025-12-28 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Tmax(°C) | 19.0 | 18.5 | 18.3 | 18.3 | 18.0 |
| Tmin(°C) | 8.8 | 8.0 | 8.0 | 8.0 | 8.1 |
| RH-I(%) | 66 | 69 | 73 | 70 | 63 |
| RH-II(%) | 26 | 27 | 31 | 35 | 28 |
| Wind Speed(kmph) | 7 | 7 | 5 | 5 | 4 |
| Wind Direction(Degree) | 320 | 300 | 34 | 34 | 29 |
| Cloud Cover(Octa) | 0 | 0 | 1 | 2 | 2 |
| Warning | Fog | Fog | Fog | Fog | Fog |

Forecast Summary:

No rain is expected in the coming days. The maximum and minimum temperatures are likely to be around 18.0-19.0 degrees Celsius and 8.0-8.8 degrees Celsius, respectively. Winds are expected to blow from the north-northwest, north-northwest, southeast, northwest, and west-northwest directions at a speed of 3-7 km per hour. Moderate to dense fog is predicted on December 23rd. A yellow alert for moderate to dense fog has also been issued for December 24th to 28th.

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

Moderate to dense fog is expected on December 23rd. A yellow warning for moderate to dense fog has also been issued for December 24th to 28th.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Colder days are expected ahead, so light irrigation should be carried out as needed to prevent frost damage.

General Advisory:

Farmers and communities involved in agriculture can download the "Mausam" app for regular weather information and rainfall alerts. Other apps like "Meghdoot" and "Damini" are also available for regular updates on meteorological data and lightning strike information. All apps can be easily downloaded from the Google Play Store (for Android users) and the App Store (for iOS users).

SMS Advisory:

To protect crops from frost damage, appropriate measures such as 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 (CRI) | 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 | 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>

