



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 : 2025-12-12

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

| Parameter | 2025-12-13 | 2025-12-14 | 2025-12-15 | 2025-12-16 | 2025-12-17 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Tmax(°C) | 18.8 | 19.6 | 20.0 | 19.0 | 18.8 |
| Tmin(°C) | 9.4 | 9.8 | 10.2 | 9.9 | 9.7 |
| RH-I(%) | 72 | 70 | 68 | 65 | 63 |
| RH-II(%) | 35 | 35 | 32 | 29 | 26 |
| Wind Speed(kmph) | 3 | 4 | 4 | 8 | 8 |
| Wind Direction(Degree) | 280 | 290 | 90 | 310 | 320 |
| Cloud Cover(Octa) | 0 | 1 | 1 | 1 | 0 |
| Warning | No Warning | No Warning | No Warning | No Warning | No Warning |

Forecast Summary:

The upcoming week predicts no rainfall with maximum temperature varying between 19.0-20.0oC and minimum varying 9.0-10.0oC, respectively. The wind is expected to blow from west-north, west-north-west, east and north-west direction at a speed of 3-8 kmph. No warning has been issued for the upcoming week and dry weather is expected to remain in the upcoming week.

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

No weather warning

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

No impact on agriculture and associated advisory

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 , normal maximum and minimum temperature trend during 12.12.2025 to 18.12.2025.

SMS Advisory:

As per IMD, no significant warning has been issued and dry weather is expected so irrigation should be applied as required to the crops.

Crop Specific Advisory:

| Crop (Stage) | Crop Specific Advisory |
|-------------------------|--|
| CHICK PEA (Vegetative) | The crop should be monitored regularly and hoeing-weeding operation should be done in the crops at regular interval. |
| LENTIL (Vegetative) | The crop should be monitored regularly and hoeing-weeding operation should be done in the crops at regular interval. |
| RAPESEED (Vegetative) | The crop should be monitored regularly and light irrigation should be applied in the valleys and lower hills as per the crop requirement. In case of pest/disease attack recommended practices should be followed. |
| MUSTARD (Vegetative) | The crop should be monitored regularly and light irrigation should be applied in the valleys and lower hills as per the crop requirement. In case of pest/disease attack recommended practices should be followed. |
| WHEAT (Seedling Growth) | In both irrigated and rainfed conditions regular monitoring of the crop should be done and suitable farming practices should be followed and done accordingly. |
| BARLEY (Vegetative) | The crop should be monitored regularly for hoeing-weeding operations. |

Horticulture Specific Advisory:

| Horticulture (Stage) | Horticulture Specific Advisory |
|-------------------------------|---|
| ONION (Transplanting) | Field preparation should be done for transplanting of onion and cow dung should be used for field manuring. |
| POTATO (Vegetative) | The potato crop in the valleys under frost condition should be irrigated at appropriate intervals. |
| CAULIFLOWER (Seedling Growth) | Top dressing of urea should be done in transplanted cauliflower varieties and weeding-hoeing operations should be followed regularly. |
| APPLE | Recommended practices should be followed after pruning for diseases prevention in Apple, Pear, Peach, Plum and Khumani. |
| PEAR | Recommended practices should be followed after pruning for diseases prevention in Apple, Pear, Peach, Plum and Khumani. |
| PEACH | Recommended practices should be followed after pruning for diseases prevention in Apple, Pear, Peach, Plum and Khumani. |
| PLUM | Recommended practices should be followed after pruning for diseases prevention in Apple, Pear, Peach, Plum and Khumani. |
| APRICOT | 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 |
|------------|--|
| BUFFALO | During winters, the amount of extra energy giving food items should be increased by 25 percent. The tied animals should be released for exercise and should be kept under the sun. |
| COW | During winters, the amount of extra energy giving food items should be increased by 25 percent. The tied animals should be released for exercise and should be kept under the sun. |
| GOAT | Animals should be taken to graze grass only when the frost dries up, otherwise they are at risk of getting enterotoxemia from frosty feed. Animals should be brought to the enclosure on time to protect them from cold. |
| SHEEP | Animals should be taken to graze grass only when the frost dries up, otherwise they are at risk of getting enterotoxemia from frosty feed. Animals should be brought to the enclosure on time to protect them from cold. |

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)

No impact as no significant weather warning.

Impact based advisories (General)

No significant advisory.

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>