



**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 : 2024-12-31

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2024-12-31 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-01-01	2025-01-02	2025-01-03	2025-01-04	2025-01-05
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	17.0	17.0	17.0	18.0	18.0
Tmin(°C)	6.0	6.0	6.0	7.0	7.0
RH-I(%)	70	70	70	70	70
RH-II(%)	30	30	30	30	30
Wind Speed(kmph)	3	4	4	3	3
Wind Direction(Degree)	340	320	320	320	320
Cloud Cover(Octa)	1	1	2	1	1

### Weather Summary/Alert:

In the upcoming days no rainfall has been predicted. Maximum & minimum temperature may be 17.0-18.0 degree Celsius & 6.0-7.0 degree Celsius, respectively. Wind is expected to blow with a speed of 3-4 km/hr from the north-west and north-north-west direction. Dry weather is likely to prevail from 31 December to 4 January.

### General Advisory:

The weather forecast and agrometeorological advisory is regularly updated on the "Meghdoot App" and "Damini App" is also available to get lightning information. Meghdoot and Damini apps can be downloaded from Google Play Store (Android users) and App Center (iOS users). The NDVI composite shows moderate agricultural vigour in the region. The extended range forecast system indicates large excess rainfall and normal maximum-minimum temperature trend.

### SMS Advisory:

As per IMD forecast, clear weather has been predicted so irrigation should be applied as required and harvested produce should be stored well.

### Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
CHICK PEA	The crop should be monitored and regular hoeing and weeding should be done as required. Irrigation should be applied as required.
LENTIL	The crop should be monitored and regular hoeing and weeding should be done as required. Irrigation should be applied as required.
RAPESEED	The crop should be monitored regularly. Light irrigation should be applied at the time of flowering in valleys and lower hills as per requirement and in case of pest/disease attack, recommended practices should be followed.
MUSTARD	The crop should be monitored regularly. Light irrigation should be applied at the time of flowering in valleys and lower hills as per requirement and in case of pest/disease attack, recommended practices should be followed.

Crop (Stage)	Crop Specific Advisory
WHEAT	In rainfed conditions, weeding and hoeing should be done in the crop and in irrigated condition recommended weedicide should be used to control the weed.
BARLEY	The crop should be monitored regularly for hoeing and weeding. Necessary irrigation should be applied.

#### Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CAPSICUM	Seeds should be sown in the prepared nursery and seedlings should be protected from frost occurrence.
SPINACH	In irrigated valley, hoeing should be done in Methi, spinach (Palak) and Coriander after irrigation. The farming operations should be done keeping the forecast in mind.
POTATO	To control the late blight disease in potato, it is advised that solution of Mancozeb@ 2.5g/liter of water should be sprayed.
APPLE	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.
PEAR	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.

#### Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
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).
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.