



**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 : 2025-01-21

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-01-21 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-01-22	2025-01-23	2025-01-24	2025-01-25	2025-01-26
Rainfall(mm)	0.0	1.0	2.0	0.0	0.0
Tmax(°C)	21.0	21.0	15.0	17.0	18.0
Tmin(°C)	6.0	6.0	5.0	1.0	3.0
RH-I(%)	30	50	65	60	50
RH-II(%)	45	50	60	60	55
Wind Speed(kmph)	7	7	8	8	6
Wind Direction(Degree)	320	330	360	320	320
Cloud Cover(Octa)	1	2	4	0	0

### Weather Summary/Alert:

In the upcoming days light drizzle of 1-2 mm has been predicted. Maximum & minimum temperature may be 15.0-21.0 degree Celsius & 1.0-6.0 degree Celsius, respectively. Wind is expected to blow with a speed of 6-8 km/hr primarily from the North-west and north-west-north direction. Very light to light rain is likely to occur at isolated places on January 22 and light to moderate rain at a few places on January 23. Dry weather is likely to persist during the remaining period. A yellow warning has been issued regarding ground frost occurrence at some places.

### 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 from 17-23 January indicates deficit rainfall and normal maximum-minimum temperature trend.

### SMS Advisory:

As per IMD forecast, light drizzle has been predicted so the farming operations should be scheduled accordingly and irrigation should be applied when required.

### Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
LENTIL	The crop should be monitored and regular hoeing and weeding operations should be done. Time to time irrigation should be applied. In case of plant rot appropriate fungicide should be applied. Chemical spray should be avoided under windy conditions.
RAPESEED	The crop should be monitored regularly and time to time irrigation should be provided. Diseases should be monitored and control measures should be taken up. Chemical spray should be avoided under windy conditions.
MUSTARD	The crop should be monitored regularly and time to time irrigation should be provided. Diseases should be monitored and control measures should be

Crop (Stage)	Crop Specific Advisory
	taken up. Chemical spray should be avoided under windy conditions.
WHEAT	In rainfed conditions, weeding and hoeing should be monitored in the crop and time to time irrigation should be provided. Top dressing of urea in case of rainfed crop @1.2 kg/nali and in case of irrigated crop @2.0-2.5 kg /nali should be done after irrigation. Chemical applications should be avoided under windy conditions.
BARLEY	The crop should be monitored regularly for hoeing and weeding and time to time irrigation should be applied. Under rainfed conditions after rainfall, 1 kg/nali urea top dressing should be done. Chemical applications should be avoided under windy conditions.

#### Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CAPSICUM	Seeds should be sown in the prepared nursery and seedlings should be protected from frost and extreme cold conditions by using plastic covers with proper air and water movement.
VEGETABLE PEA	The crop should be monitored and regular hoeing and weeding operations should be done. Time to time irrigation should be applied. In case of plant rot appropriate fungicide should be applied. Chemical spray should be avoided under windy conditions.
SPINACH	The crop should be protected by taking up appropriate measures against forecasted cold conditions by applying time to time irrigation.
POTATO	To control the late blight disease in potato, it is advised that solution of Mancozeb@ 2.5g/liter of water should be sprayed. Chemical spray should be avoided under windy conditions.
APPLE	To control the fruit Rot disease in apple and seed bearing fruits, soil should be removed from the surrounding area of the stem so that the sunrays may enter directly in the stem of the affected tree. Affected bark should be removed and chaubatia paste should be applied along with soil covering.

#### 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).The animal feed should be increased by 10% for extra energy requirement.
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).The animal feed should be increased by 10% for extra energy requirement.

#### Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
HEN	Medicine as per the veterinarian should be administered for aflatoxiosis caused due to fungal growth in their feed.

#### Others (Soil / Land Preparation) Specific Advisory:

<b>Others (Soil / Land Preparation)</b>	<b>Others (Soil / Land Preparation) Specific Advisory</b>
GENERAL ADVICE	As per the alert of ground frost appropriate measures against cold protection in sapling/seedling and crops should be taken up.