



**Gramin Krishi Mausam Sewa**  
**District Level Agromet Advisory Bulletin**  
**Govind Ballabh Pant University of Agriculture & Technology**



Udham Singh Nagar, Pantnagar, Uttarakhand

## Agromet Advisory Bulletin

Date : 21-12-2021

Weather Forecast of NAINITAL(Uttarakhand) Issued On : 2021-12-21(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-12-22	2021-12-23	2021-12-24	2021-12-25	2021-12-26
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	14.0	14.0	15.0	15.0	14.0
Tmin(°C)	2.0	3.0	3.0	5.0	5.0
RH-I(%)	50	55	60	75	75
RH-II(%)	30	30	30	35	35
Wind Speed(kmph)	6.0	6.0	6.0	6.0	6.0
Wind Direction(Degree)	320	320	100	130	130
Cloud Cover(Octa)	1	1	3	3	5

### Weather Summary/Alert:

In the coming five days, weather will remain clear. Maximum & minimum temperature may range from 14.0 to 15.0 deg C & 2.0 to 5.0 deg C respectively. Wind will blow with a speed of 6.0 km/hr from the NW & ESE direction. Frost likely to occur at isolated places on 21, 22 and 23 December. As per ERF, the rainfall will be above normal, maximum & minimum temperature will be Moderately below normal & normal in the state from 26 December to 1 January. There is also a possibility of a western disturbance to form on 27th of December, as a result of which rain and snowfall at hills can be seen at some isolated places from December 27 to 29.

### General Advisory:

Farmers are advised to download the “Meghdoot App” to get past week weather, weather forecast, and agromet advisory and "Damini App" to get lightning information. Meghdoot and Damini Apps can be downloaded from the google play store (Android users) and App Center (IOS users). There is a possibility of frost at some places in the coming days, so light irrigation can be done in the crop and to protect the crop from frost, straw and mulch can be used to cover the crop. 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).

### SMS Advisory:

In coming five days, weather will remain clear but frost likely to occur at isolated places on 21,22 & 23 Dec. The farmers are advised to apply light irrigation & use mulch to cover the crop.

### Crop Specific Advisory:

<b>Crop(Varieties)</b>	<b>Crop Specific Advisory</b>
WHEAT	Farmers who have completed sowing in the last week of November should do light irrigation keeping in view the weather forecast.
MAIZE	Farmers who have planted rabi crop of maize and if two to three leaves have come out from the bottom of them, then keeping in mind the upcoming season, do light irrigation and if moisture remains in the field, then do the hoeing.

### Horticulture Specific Advisory:

<b>Horticulture(Varieties)</b>	<b>Horticulture Specific Advisory</b>
POTATO	Early blight disease is being seen in potato and the upcoming season is also favorable for it. Therefore, farmers are advised to spray Mancozeb at the rate of 2.5 g/L immediately. In valley, to save the potato from frost timely irrigation should be applied at required interval.
MANGO	To save the newly transplanted seedlings of Papaya and Mango from frost, dry straw should be collected and plants should be covered by them.
CAULIFLOWER	Cover the plants with plastic sheet or add heat to protect them from the frost.

### Live Stock Specific Advisory:

<b>Live Stock(Varieties)</b>	<b>Live Stock Specific Advisory</b>
BUFFALO	To save the animals from cold, proper arrangement of animal shed should be done. • To save the animal from cold, dry grasses, paddy residue (Puwal) etc which are not used as fodder for animals should be used as a bedding material for animals in sheds. Door and window should be covered properly so that cold wind could not be entered in the animal shed. Sitting place of animals should be leveled. Vaccination should be given to the animals to save them from Rinderpest disease (Sheetla rog). With the changing weather, there is a high chance of Niomonion 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.
COW	To save the animals from cold, proper arrangement of animal shed should be done. • To save the animal from cold, dry grasses, paddy residue (Puwal) etc which are not used as fodder for animals should be used as a bedding material for animals in sheds. Door and window should be covered properly so that cold wind could not be entered in the animal shed. Sitting place of animals should be leveled. Vaccination should be given to the animals to save them from Rinderpest disease (Sheetla rog). With the changing weather, there is a high chance of Niomonion 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.