



**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 : 17-12-2021

Weather Forecast of NAINITAL(Uttarakhand) Issued On : 2021-12-17(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-12-18	2021-12-19	2021-12-20	2021-12-21	2021-12-22
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	9.0	9.0	10.0	11.0	10.0
Tmin(°C)	0.0	-1.0	-1.0	-2.0	-3.0
RH-I(%)	45	40	45	50	55
RH-II(%)	50	55	60	65	65
Wind Speed(kmph)	6.0	6.0	6.0	6.0	6.0
Wind Direction(Degree)	310	310	320	320	320
Cloud Cover(Octa)	2	3	1	1	1

### Weather Summary/Alert:

In the coming five days, weather will remain clear. Maximum & minimum temperature may range from 9.0 to 11.0 deg C & 0.0 to -3.0 deg C respectively. Wind will blow with a speed of 6.0 km/hr from the NW direction. Cold wave condition and frost likely to occur at isolated places in the coming five days. As per ERF, the rainfall will be above normal, maximum & minimum temperature will be below normal in the state from 22 to 28 December.

### 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). 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:

Weather will remain clear and cold wave condition and frost likely to occur at isolated places in coming days. The farmers are advised to irrigate the crop on the occurrence of frost.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
WHEAT	Farmers who have completed sowing in the last week of November should do light irrigation keeping in view the weather forecast.

<b>Crop(Varieties)</b>	<b>Crop Specific Advisory</b>
SUGARCANE	Keeping in mind the possibility of cold wave and frost in the coming days, the farmers should do the hoeing in the sugarcane crop so that the proper circulation of air and temperature should be maintained.
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.
MUSTARD	In the valleys and low hill areas, light irrigation should be given at the time of grain filling in timely sown crop.

### 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.
APPLE	In high hills, pruning of temperate fruit trees like apple, pear, peach, plum etc should be started.
SPINACH	In irrigated valley, hoeing should be done in Methi, Palak and Coriander after irrigation.
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.

### Live Stock Specific Advisory:

<b>Live Stock(Varieties)</b>	<b>Live Stock Specific Advisory</b>
BUFFALO	Cold wave condition likely to occur at isolated places in the coming five days. So, 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 Niomonina 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	Cold wave condition likely to occur at isolated places in the coming five days. So, 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 Niomonina 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.