



**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 : 06-02-2024

Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2024-02-06(Valid Till 08:30 IST of the next 5 days)

Parameter	2024-02-07	2024-02-08	2024-02-09	2024-02-10	2024-02-11
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	13.0	14.0	15.0	16.0	16.0
Tmin(°C)	9.0	8.0	9.0	10.0	10.0
RH-I(%)	75	65	65	65	65
RH-II(%)	35	25	25	25	25
Wind Speed(kmph)	5	7	7	5	5
Wind Direction(Degree)	320	320	320	320	320
Cloud Cover(Octa)	2	0	0	1	0

### Weather Summary/Alert:

There is no possibility of rain in the coming days from 7th to 11th February. The maximum and minimum temperatures can be 13.0-16.0 °C and 8.0- 10.0 °C respectively. There is a possibility of wind blowing mainly from north-west direction at the speed of 5 -7 km/hour. While ground frost is likely at some places in Nainital district on 06.02.2024, dry weather is likely from 7 February 2024.

### General Advisory:

A regular update about weather forecast and agro meteorological advisories is available on “Meghdoot App” and “Damini App” is also available to get information about lightning. Meghdoot and Damini apps can be downloaded from Google Play Store (Android users) and App Center (iOS users). NDVI composite reflects good agricultural strength in the region. The extended range forecast system shows a general trend of maximum and minimum temperatures from 6 to 11 February. A yellow alert has been issued for ground frost on February 6, so farming activities should be scheduled accordingly.

### SMS Advisory:

A yellow alert has been given for ground frost on 6 February,

### Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
LENTIL (Vegetative )	The crop should be regularly monitored for weeding and hoeing while irrigation should be applied as per requirement. Occurrence of plant rot can be treated with appropriate fungicide application. Any kind of farming operation should be scheduled as per the forecast.

Crop (Stage)	Crop Specific Advisory
RAPESEED (Vegetative )	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. Any kind of farming operation should be scheduled as per the forecast.
WHEAT (Vegetative )	Irrigation should be applied as per requirement and urea application should be done after irrigation. Any kind of farming operation should be scheduled as per the forecast.
BARLEY (Vegetative )	Urea should be used after rainfall and after getting moisture as per requirement. Agricultural work should be scheduled according to forecast.

#### Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CAPSICUM (Nursery/Seedling)	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. Any kind of farming operation should be scheduled as per the forecast.
VEGETABLE PEA (Flowering)	The crop should be regularly monitored for weeding and hoeing while irrigation should be applied as per requirement. Occurrence of plant rot can be treated with appropriate fungicide application. Any kind of farming operation should be scheduled as per the forecast.
SPINACH (Vegetative )	Time to time irrigation to avoid chilling injury should be applied and proper measures to protect them against cold conditions should be taken up. Any kind of farming operation should be scheduled as per the forecast.
POTATO (Physiological Maturity)	To control the late blight disease in potato, it is advised that solution of Mancozeb@ 2.5g/liter of water should be sprayed. Any kind of farming operation should be scheduled as per the forecast.
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. Any kind of farming operation should be scheduled as per the forecast.

#### Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
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.
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.

#### 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.