



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 : 2025-01-31

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-01-31 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-02-01	2025-02-02	2025-02-03	2025-02-04	2025-02-05
Rainfall(mm)	0.0	0.0	0.0	5.0	5.0
Tmax(°C)	18.0	18.0	19.0	19.0	19.0
Tmin(°C)	6.0	6.0	7.0	7.0	7.0
RH-I(%)	60	60	60	70	70
RH-II(%)	30	30	30	40	40
Wind Speed(kmph)	3	3	4	3	4
Wind Direction(Degree)	90	320	320	90	360
Cloud Cover(Octa)	0	0	0	7	7

Weather Summary/Alert:

In the upcoming days very light rainfall of 0-5 mm has been predicted on 3 & 4 February. Maximum & minimum temperature may be 18.0-19.0 degree Celsius & 6.0- 7.0 degree Celsius, respectively. Wind is expected to blow with a speed of 3-7 km/hr primarily from the east, north and north-west direction. Very light to light rain is likely to occur at isolated places on 3rd February while light to moderate rain is likely to occur at many places on 04th February. Dry weather is likely to prevail during rest of the period. A yellow warning has been given regarding thunderstorm accompanied with lightening at isolated places on 4th February.

General Advisory:

A regular update regarding weather forecast and agrometeorological advisory is available 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 good agricultural vigour in the region. The extended range forecast system shows large deficient rainfall, above normal maximum and normal minimum temperature trend during 31 January to 6 February.

SMS Advisory:

As per IMD, light to medium rainfall has been predicted so all the farming operations should be scheduled accordingly. Insecticide sprays should be scheduled accordingly.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
LENTIL	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. 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

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	appropriate fungicide application. Any kind of farming operation should be scheduled as per the forecast.
RAPSEED	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.
MUSTARD	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	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	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.

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. Any kind of farming operation should be scheduled as per the forecast.
VEGETABLE PEA	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	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	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.