



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
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Agromet Advisory Bulletin

Date: 17.01.2025

Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2025-01-17 (Valid Till 08:30 IST of the next 5 days)

Parameter	18/01/2025	19/01/2025	20/01/2025	21/01/2025	22/01/2025
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	12	13	14	15	15
Min Temp (°C)	3	4	4	4	4
Max RH I (%)	60	70	75	75	70
Min RH II (%)	45	60	55	45	45
Wind speed (km/h)	4	4	3	3	3
Wind direction	50	130	140	360	340
Cloud cover	0	2	2	4	3

Weather Summary/ Alert:

In the upcoming days no rainfall has been predicted. Maximum & minimum temperature may be 12.0-15.0 degree Celsius & 3.0-4.0 degree Celsius, respectively. Wind is expected to blow with a speed of 3-4 km/hr primarily from the North-east, South-East, North and north-north-west direction. Dry weather is likely to prevail during the period and a yellow warning regarding ground frost occurrence has been given for a few places on 17 January.

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:

The weather would remain clear and ground frost may occur so new seedlings should be protected and appropriate farming measures should be taken up in crops.

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Lentil	Vegetative	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.
Rapeseed (Lahi/Ghariya) and Yellow Mustard (Rada)	Vegetative/ flowering	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.
Wheat	Vegetative	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/2ail and in case of irrigated crop @2.0-2.5 kg /nail should be done after irrigation.
Barley	Vegetative	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/nail urea top dressing should be done.

Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
Capsicum	Nursery	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	Vegetative	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.
Spinach	Vegetative	The crop should be protected by taking up appropriate measures against forecasted cold conditions by applying time to time irrigation.
Potato	Vegetative	To control the late blight disease in potato, it is advised that solution of Mancozeb@ 2.5g/liter of water should be sprayed.
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

Livestock	Live Stock Specific Advisory
Cow/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.
Sheep/Goat	Keep the delivery chambers of sheep/goats clean and neat.

Others (Soil/Land Preparation) Specific Advisory

Others (Soil / Land Preparation)(Varieties)	Others (Soil / Land Preparation) Specific Advisory
General Advice	As per the alert of ground frost appropriate measures against cold protection in sapling/seedling and crops should be taken up.