



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
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Udham Singh Nagar, Pantnagar, Uttarakhand



Agromet Advisory Bulletin

Date: 25.01.2024

Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2024-01-25 (Valid Till 08:30 IST of the next 5 days)

Parameter	25/01/2024	26/01/2024	27/01/2024	28/01/2024	29/01/2024
Rainfall (mm)	0.0	0.0	0.0	0.0	0.0
Max Temp (°C)	17.0	18.0	18.0	18.0	18.0
Min Temp (°C)	6.0	6.0	7.0	7.0	7.0
Max RH I (%)	65	65	65	65	65
Min RH II (%)	25	25	25	25	25
Wind speed (km/h)	0	0	0	0	0
Wind direction	140	140	140	140	140
Cloud cover	1	0	0	1	0

Weather Summary/ Alert:

In the upcoming days no rainfall has been predicted. Maximum & minimum temperature may be 17.0-18.0 degree Celsius & 6.0- 7.0 degree Celsius, respectively. Wind is expected to blow with a speed of 0 km/hr primarily from the South-east direction. Dry weather is likely to remain in the region. A yellow alert regarding occurrence of ground frost at isolated places in Nainital hills on 25 and 26 January, 2024 has been given.

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 normal rainfall, maximum and minimum temperature trend during 26 January to 1 February. An alert for ground frost occurrence has been given so the farming activities should be scheduled accordingly.

SMS Advisory:

A yellow alert regarding ground frost occurrence on 25 & 26 January has been given so appropriate protection and management farming measures should be taken up.

Crop Specific Advisory:

Crop (Varieties)	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.
Rapeseed (Lahi/Ghariya) and Yellow	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.

Mustard (Rada)		
Wheat	Vegetative	Irrigation should be applied as per requirement and urea application should be done after irrigation.
Barley	Vegetative	Irrigation should be applied as per requirement and urea application should be done after irrigation.

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 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.
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.
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.
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.
Hen	Medicine as per the veterinarian should be administered for aflatoxiosis caused due to fungal growth in their feed.

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.