



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

Date: 12.01.2024

Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2024-01-12 (Valid Till 08:30 IST of the next 5 days)

Parameter	13/01/2024	14/01/2024	15/01/2024	16/01/2024	17/01/2024
Rainfall (mm)	0.0	0.0	0.0	0.0	0.0
Max Temp (°C)	17.0	16.0	16.0	17.0	18.0
Min Temp (°C)	7.0	6.0	6.0	7.0	8.0
Max RH I (%)	65	65	65	75	75
Min RH II (%)	25	25	25	35	35
Wind speed (km/h)	1	1	1	2	2
Wind direction	320	320	320	140	140
Cloud cover	0	0	0	2	2

Weather Summary/ Alert:

In the upcoming days no rainfall has been predicted . Maximum & minimum temperature may be 16.0-18.0 degree Celsius & 6.0-8.0 degree Celsius, respectively. Wind is expected to blow with a speed of 1-2 km/hr primarily from the North-West & South-east direction. Dry weather with cold days and dense fog is likely to prevail in the isolated places of Nainital plains during 12 & 13 January.

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 indicates large deficient rainfall trend from 12-18 January. The maximum temperature indicates above normal trend in hills and normal trend in plains while the minimum temperature shows normal trend in the region. In the irrigated valley, poly house arrangement along with soil treatment should be prepared for tomato, Capsicum and brinjal seedlings. As per the weather warnings appropriate farming measures should be followed.

SMS Advisory:

Dry weather is likely to remain in the region with prediction of cold day conditions with dense fog at isolated places in Nainital plains on 12th and 13th January, 2024.

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Chickpea/Lentil	Vegetative	The crop should be monitored and regular hoeing and weeding operations should be done. Time to time irrigation 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.
Wheat	Vegetative	In rainfed conditions, weeding and hoeing should be monitored in the crop and time to time irrigation should be provided.
Barley	Vegetative	The crop should be monitored regularly for hoeing and weeding and time to time irrigation should be applied.

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.
Spinach	Vegetative	The crop should be protected by taking up appropriate measures against forecasted cold conditions by applying time to time irrigation.
Potato	Vegetative	At 30-35 days interval remaining nitrogen need to be added after earthing up in potato and appropriate farming measures should be taken up against the cold conditions by applying time to time irrigation. The conditions are suitable for blight so appropriate spray should be done in the crop.

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 appropriate measures against cold protection in sapling/seedling and crops should be taken up.