



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

Date: 09.01.2024

Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2024-01-09 (Valid Till 08:30 IST of the next 5 days)

Parameter	10/01/2024	11/01/2024	12/01/2024	13/01/2024	14/01/2024
Rainfall (mm)	0.0	0.0	0.0	0.0	0.0
Max Temp (°C)	14.0	14.0	15.0	15.0	15.0
Min Temp (°C)	5.0	5.0	6.0	6.0	6.0
Max RH I (%)	65	65	65	65	65
Min RH II (%)	25	25	25	25	25
Wind speed (km/h)	1	1	1	2	2
Wind direction	320	320	320	320	320
Cloud cover	0	0	0	1	4

Weather Summary/ Alert:

In the upcoming days no rainfall has been predicted . Maximum & minimum temperature may be 14.0-15.0 degree Celsius & 5.0-6.0 degree Celsius, respectively. Wind is expected to blow with a speed of 1-2 km/hr primarily from the North-West direction. Dry weather with light rainfall is likely to prevail in the region. The NDVI composite shows good agricultural vigour in the region. Very light to light rain is likely to occur at isolated places in Nainital district on 09.01.2024. Dry weather likely to prevail and watch regarding likely occurrence of ground frost likely to occur at few places in Nainital district has been predicted for 10th & 11th January 2024. The extended range forecast system indicates large deficient rainfall trend from 05-11 January and predicts normal trend in maximum and minimum temperature.

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 moderate to good agricultural vigour in the region. The extended range forecast system indicates large deficient rainfall trend from 05-11 January and predicts above normal trend in maximum and minimum temperature. 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 along with ground frost alerts at few places of Nainital on 10 & 11 January has been predicted thus irrigation should be applied and seedlings/sapling should be protected from frost damage.

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. As per the forecasted frost alerts appropriate farming measures should be taken.
Rapeseed (Lahi/Ghariya) and Yellow Mustard (Rada)	Vegetative/flowering	The crop should be monitored regularly. As per the forecasted frost alerts appropriate farming measures should be taken.
Wheat	Vegetative	In rainfed conditions, weeding and hoeing should be monitored in the crop. As per the forecasted frost alerts appropriate farming measures should be taken.
Barley	Vegetative	The crop should be monitored regularly for hoeing and weeding and as per the forecasted frost alerts appropriate farming measures should be taken.

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 occurrence as per the forecasted alert of ground frost.
Spinach	Vegetative	The crop should be protected by taking up appropriate measures against forecasted frost alert.
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 under forecasted ground frost alert.

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 watch alert appropriate measures against ground frost protection in sapling/seedling and crops should be taken up.