



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
Govind Ballabh Pant University of Agriculture & Technology
 Udham Singh Nagar, Pantnagar, Uttarakhand



Agromet Advisory Bulletin

Date: 05.01.2024

Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2024-01-05 (Valid Till 08:30 IST of the next 5 days)

Parameter	06/01/2024	07/01/2024	08/01/2024	09/01/2024	10/01/2024
Rainfall (mm)	0.0	0.0	0.0	0.0	8.0
Max Temp (°C)	17.0	17.0	18.0	18.0	17.0
Min Temp (°C)	5.0	5.0	6.0	6.0	5.0
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	50	140	320	320	320
Cloud cover	0	0	0	1	5

Weather Summary/ Alert:

In the upcoming days light rainfall of 8 mm has been predicted on 9 January. Maximum & minimum temperature may be 17.0-18.0 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. The extended range forecast system indicates large deficient rainfall trend from 05-11 January and predicts above 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 climatic conditions authorized seeds should be imported. Regular monitoring of crops and intercultural operations should be done.

SMS Advisory:

Dry weather with light rainfall on 9th January has been predicted for the region so farming practices should be scheduled accordingly.

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
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Chickpea/Lentil	Vegetative	The crop should be monitored and regular hoeing and weeding should be done as required and in case of disease occurrence appropriate recommended practices should be followed.
Rapeseed (Lahi/Ghariya) and Yellow Mustard (Rada)	Vegetative/flowering	The crop should be monitored regularly. Light irrigation should be applied at the time of flowering in valleys and lower hills as per requirement and in case of pest/disease attack, recommended practices should be followed.
Wheat	Vegetative	In rainfed conditions, weeding and hoeing should be done in the crop and in irrigated condition recommended weedicide should be used to control the weed.
Barley	Vegetative	The crop should be monitored regularly for hoeing and weeding. Necessary 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 occurrence.
Spinach	Vegetative	In irrigated valley, hoeing should be done in Methi, spinach (Palak) and Coriander after irrigation. The farming operations should be done keeping the forecast in mind.
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.

Live Stock Specific Advisory

Livestock	Live Stock Specific Advisory
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.
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.

Others (Soil/Land Preparation) Specific Advisory

Others (Soil / Land Preparation)(Varieties)	Others (Soil / Land Preparation) Specific Advisory
General Advice	In case of fog and frost appropriate agricultural measures like protection against frost and irrigation application should be followed.