



**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: 02.01.2024**

**Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2024-01-02 (Valid Till 08:30 IST of the next 5 days)**

Parameter	03/01/2024	04/01/2024	05/01/2024	06/01/2024	07/01/2024
<b>Rainfall (mm)</b>	0.0	0.0	0.0	0.0	0.0
<b>Max Temp (°C)</b>	17.0	16.0	17.0	17.0	17.0
<b>Min Temp (°C)</b>	4.0	4.0	4.0	3.0	4.0
<b>Max RH I (%)</b>	70	75	70	70	70
<b>Min RH II (%)</b>	30	35	30	30	30
<b>Wind speed (km/h)</b>	1	2	1	1	1
<b>Wind direction</b>	320	320	320	320	320
<b>Cloud cover</b>	0	1	0	0	0

**Weather Summary/ Alert:**

In the upcoming days no rainfall has been predicted. Maximum & minimum temperature may be 16.0-17.0 degree Celsius & 3.0-4.0 degree Celsius, respectively. Wind is expected to blow with a speed of 1-2 km/hr from the North-West. Dry weather is likely to prevail in the region. A yellow alert regarding occurrence of dense fog on 2, 3 & 4 January in the region has been given. The extended range forecast system indicates deficient rainfall trend from 29 December to 04 January and predicts above normal and normal trend in maximum and minimum temperature, respectively.

**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 PlayStore (Android users) and App Center (iOS users). The NDVI composite shows moderate agricultural vigour 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 climatic conditions authorized seeds should be imported. Regular monitoring of crops and intercultural operations should be done.

**SMS Advisory:**

Dry weather is expected to remain in the region and an alert regarding occurrence of dense fog has been given for 2, 3 & 4 January so farmers are advised to apply irrigation as required.

**Crop Specific Advisory:**

Crop (Varieties)	Stage	Crop Specific Advisory
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.
Apple/pear/peach/plum/khumani	Tree	Recommended practices should be followed after pruning for diseases prevention in Apple, Pear, Peach, Plum and Khumani.

### 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	On occurrence of frost/fog, irrigation should be applied to the fields at regular intervals.