



**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: 23.02.2024**

**Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2024-02-23 (Valid Till 08:30 IST of the next 5 days)**

Parameter	24/02/2024	25/02/2024	26/02/2024	27/02/2024	28/02/2024
Rainfall (mm)	0.0	0.0	0.0	1.0	2.0
Max Temp (°C)	11.0	10.0	11.0	12.0	12.0
Min Temp (°C)	1.0	2.0	5.0	6.0	6.0
Max RH I (%)	65	65	70	75	80
Min RH II (%)	30	30	30	35	40
Wind speed (km/h)	8	10	8	6	10
Wind direction	320	320	320	230	230
Cloud cover	1	1	4	7	2

**Weather Summary/ Alert:**

In the upcoming days light rainfall of 1-2 mm has been predicted during 26 & 27 February. Maximum & minimum temperature may be 10.0-12.0 degree Celsius & 1.0- 6.0 degree Celsius, respectively. Wind is expected to blow with a speed of 6-10 km/hr primarily from the south-west and north-west direction. Very light to light rain is likely to occur at few places on 26 & 27 February 2024. Dry weather likely to prevail during rest of the period. A yellow alert regarding likely occurrence of ground frost at isolated places in hills has been given for 23 & 24 February, 2024.

**General Advisory:**

A regular update regarding weather forecast and agrometeorological advisory is available on the “Meghdoot App” while "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 agricultural vigour in the region. The extended range forecast system shows the observed deviation in rainfall during last week by 39% and the predicted trend from 23-29 February shows normal rainfall and below normal maximum-minimum temperature trend.

**SMS Advisory:**

Ground frost occurrence is expected on 23 and 24 while very light rainfall is expected on 26 and 27 February so the farming operations should be adjusted accordingly.

**Crop Specific Advisory:**

Crop (Varieties)	Stage	Crop Specific Advisory
Lentil	Flowering/pod formation	Irrigation should be applied at the time of pod filling and monitoring of pest/disease should be done. All the applications should be scheduled as per the forecast.
Rapeseed (Lahi/Ghariya) and Yellow Mustard (Rada)	Maturity/ flowering	Rapeseed and yellow mustard should be harvested on maturity. Harvested crop should be protected well. All the farming operations should be scheduled as per the forecast.
Wheat	Vegetative/flowering	Under irrigated conditions irrigation should be applied at flowering stage on persistent dry conditions while urea application can be done in case of rainfed conditions. All the applications should be scheduled as

		per the forecast.
Barley	Vegetative/ flowering	Under irrigated conditions irrigation should be applied at flowering stage on persistent dry conditions while urea application can be done in case of rainfed conditions. All the applications should be scheduled as per the forecast.

### Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
French bean	Sowing	Sowing can be done in this month. All the farming operations should be scheduled as per the forecast.
Lemon		Proper nutrition and irrigation should be given to the citrus plants to prevent flower drop. All the farming operations should be scheduled as per the forecast.

### Live Stock Specific Advisory

Livestock	LiveStock Specific Advisory
Cow/Buffalo	Take measures to control lice/lice, colonies and flies in animals. For adequate availability of green fodder, sow jowar, maize, etc.
Sheep	Provide additional balanced diet to female and male sheep used for breeding.
Sheep/goats	Get sheep/goats vaccinated to protect them against smallpox.