



**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: 12.04.2024**

**Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2024-04-12 (Valid Till 08:30 IST of the next 5 days)**

Parameter	13/04/2024	14/04/2024	15/04/2024	16/04/2024	17/04/2024
<b>Rainfall (mm)</b>	0	1	10	8	1
<b>Max Temp (°C)</b>	21	22	21	22	23
<b>Min Temp (°C)</b>	10	11	11	9	10
<b>Max RH I (%)</b>	65	65	75	70	70
<b>Min RH II (%)</b>	30	30	30	30	30
<b>Wind speed (km/h)</b>	8	8	10	10	8
<b>Wind direction</b>	130	130	130	130	130
<b>Cloud cover</b>	3	1	1	3	8

**Weather Summary/ Alert:**

The upcoming days is expected to experience light to moderate rainfall of 1-10 mm with maximum-minimum temperature of 21-23oC and 9-11oC, respectively. The wind is expected to blow from south-east direction with a speed of 8-10 kmph. Light to moderate rainfall is likely to occur at many places from 13<sup>th</sup> to 16<sup>th</sup> April. Dry weather is likely to prevail during rest of the period. An orange alert regarding thunderstorm with lightening/hailstorm and gusty wind (40-50 kmph) is likely to occur at isolated places on 14<sup>th</sup> April, 2024 and yellow alert regarding similar occurrence with gusty wind (30-40 kmph) is likely to occur at isolated places on 13<sup>th</sup> and 15<sup>th</sup> April.

**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 good agricultural vigour in the region. The extended range forecast system shows that the predicted trend from 12 April-18 April would observe large excess rainfall and below normal maximum-minimum temperature trend. Irrigation application and other farming operations should be scheduled as per the forecast and harvested produce should be stored well if left open in field.

**SMS Advisory:**

As per the forecast by India Meteorological Department, the farmers should schedule their farming activities accordingly and harvested produce should not be left in open.

**Crop Specific Advisory:**

Crop (Varieties)	Stage	Crop Specific Advisory
Lentil/Field pea/ Yellow Mustard (Rada)	Harvesting	The mature pods should be harvested and the produce should not be left in open fields to avoid spoilage.

Wheat	Grain filling and harvesting	The irrigation and other field activities should be scheduled as per the forecast and harvested produce should not be left open in fields. The irrigation should be avoided at this stage to prevent lodging of crops.
Rice	Sowing	Sowing of Chetki Dhan should be delayed or scheduled as per the forecast.

### Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
French bean/ Amaranthus/Fenugreek/ Garlic	Sowing	Sowing of Amaranthus/French bean/ Fenugreek/Garlic should be delayed or scheduled as per the available forecast.
Tomato/capsicum/ brinjal	Sowing	The farming operations in polyhouse/polynet should be scheduled as per the forecast.

### Live Stock Specific Advisory

Livestock	LiveStockSpecificAdvisory
Cow/Buffalo	Due attention should be given to arrangements for provision of water to animals. The drinking troughs should be kept clean and animals should be provided water at least four times during the day.

### Poultry Specific Advisory

Poultry	Poultry Specific Advisory
Hen	For obtaining the high production from poultry birds, temperature of their dwelling places should be maintained. Balanced diet, fresh and neat water should be given to them.