



**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: 23.04.2024**

**Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2024-04-23 (Valid Till 08:30 IST of the next 5 days)**

Parameter	24/04/2024	25/04/2024	26/04/2024	27/04/2024	28/04/2024
Rainfall (mm)	1	0	0	0	2
Max Temp (°C)	22	24	26	26	26
Min Temp (°C)	10	11	12	12	11
Max RH I (%)	65	65	65	65	65
Min RH II (%)	30	30	30	30	30
Wind speed (km/h)	8	10	10	8	10
Wind direction	270	270	130	130	130
Cloud cover	4	2	3	5	2

**Weather Summary/ Alert:**

During the upcoming days the region is expected to experience very light rainfall of 1-2 mm on 23 and 27 April with maximum-minimum temperature of 22-26°C and 10-12°C, respectively. The wind is expected to blow from west and south-east direction with a speed of 8-10 kmph. Very light to light rainfall is likely to occur at few places in Nainital and at isolated places on 27 April. Dry weather is expected to prevail in the region. A yellow warning regarding occurrence of thunderstorm with lightning and gusty wind (30-40 kmph) is expected at isolated places on 23 and 27 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 shows moderate agricultural vigour in the region. The extended range forecast shows deficient rainfall and normal maximum-minimum trend during 19.04.2024 to 25.04.2024. The weather is predicted to be dry so irrigation should be applied in the required agricultural fields. Wheat crop should be harvested and threshed for further usage.

**SMS Advisory:**

As per the forecast provided by India Meteorological Department, the farming activities should be scheduled accordingly and the harvest kept in the open should be stored well.

**Crop Specific Advisory:**

Crop (Varieties)	Stage	Crop Specific Advisory
Wheat	Harvesting	Harvesting of wheat crop should be completed and the harvested produce should be dried properly before storage.
Barnyard millet	Sowing	In mid hills, millet sowing (jhangora) can be done and pre-sowing fertilizer application should be done.
Rice	Sowing	Chetki dhan should be sown and the farming activities should be

		scheduled as per the available forecast.
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### Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
French bean/ Amaranthus/Fenugreek/ Garlic	Sowing	Sowing of Amaranthus/French bean/ Fenugreek/Garlic should be done in this month.
Tomato/capsicum/ brinjal	Transplanting	The farming operations should be scheduled as per the forecast. Life saving irrigation should be provided and moisture conservation methods should be used to maintain moisture.
Pumpkin	Vegetative/fruiting	On the occurrence of leaf spot disease in cucurbitaceous (pumpkin class vegetables) crop, solution of mancozeb @ 2.5 g/lit of water should be sprayed.
Peach	-	In mid and hilly regions, leaf curl disease should be controlled when weather is clear.

### Live Stock Specific Advisory

Livestock	Live Stock Specific Advisory
Cow/Buffalo	If symptoms of mastitis are seen in dairy cattle, treat it immediately. 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. To avoid heat waves provide proper ventilation.