



**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: 31.05.2024**

**Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2024-05-31(Valid Till 08:30 IST of the next 5 days)**

Parameter	01/06/2024	02/06/2024	03/06/2024	04/06/2024	05/06/2024
<b>Rainfall (mm)</b>	0.0	2.0	3.0	0.0	8.0
<b>Max Temp (°C)</b>	29.0	28.0	27.0	27.0	28.0
<b>Min Temp (°C)</b>	15.0	15.0	15.0	15.0	15.0
<b>Max RH I (%)</b>	70	70	70	70	70
<b>Min RH II (%)</b>	25	30	30	25	30
<b>Wind speed (km/h)</b>	10	8	8	10	10
<b>Wind direction</b>	130	130	130	130	130
<b>Cloud cover</b>	1	5	3	1	2

**Weather Summary/ Alert:**

The upcoming week predicts very light rainfall of 0-8 mm and maximum-minimum temperature varying between 27.0-29.0oC and 15.0oC, respectively. The wind is expected to blow from south-east at a speed of 8-10 kmph. Light to moderate rainfall likely to occur at a few places in Nainital on 2 and 4 June. Very light rainfall is likely to occur at isolated places on 1 st June while dry weather may prevail during rest of the period. A yellow warning regarding thunderstorm accompanied with lightning /gusty wind (40-50 Kmph) / Intense spells of rain is likely to occur at isolated places in Nainital district on 1, 2 & 4 June, 2024.

**General Advisory:**

Farmers can download the "Meghdoot" and "Damini" app available for regular update of meteorological and lightning data, respectively from Google Play Store (Android users) and App Centre (iOS users). The NDVI shows good agricultural vigour in the region. The extended range forecast shows large deficient rainfall and normal maximum-minimum temperature trend during 30.05.2024 to 06.06.2024. Very light rainfall/drizzle has been predicted along with dry weather so soil moisture should be maintained and regular irrigation application should be done.

**SMS Advisory:**

As per the IMD forecast, light rainfall accompanied by thunderstorm/lightning and intense rain spell has been predicted so the farming activities should be scheduled accordingly.

**Crop Specific Advisory:**

Crop (Varieties)	Stage	Crop Specific Advisory
Rice	Sowing	In valley and low hills, preparation of nursery should be completed under irrigated condition. Direct sowing of Jethi Dhan should be done by the first week of June. The farmers should do the sowing during evening time. The farming activities should be scheduled as per the forecast.
Pigeon pea/Red gram/Arhar	Sowing/Seedling growth	The crop should be irrigated as and when required and regular weeding-hoeing should be done. The farming activities should be

		scheduled as per the forecast.
Maize	Sowing	Maize sowing can be continued and irrigation should be applied as and when required in the mid and high hills. Mulching should be done to conserve moisture. The farming activities should be scheduled as per the forecast.
Barnyard millet	Sowing	Traditional varieties or high yielding varieties should be sown in the higher hills. Light irrigation should be applied after sowing. The farming activities should be scheduled as per the forecast.
Finger millet	Sowing	In higher hills these crops can be sown in the second fortnight. High yielding and well treated seeds should be used. Light irrigation should be applied after sowing. The farming activities should be scheduled as per the forecast.

### Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
Tomato	Seedling	Do weeding and top dressing of urea in new tomato plants. Stand the plant with the help of sticks. Farmers who have polyhouse should prepare to grow tomatoes. The farming activities should be scheduled as per the forecast.
Capsicum/ brinjal	Vegetative	In one month old transplanted crop, top dressing of urea should be done. Mulching should be done to conserve moisture. The farming activities should be scheduled as per the forecast.
Pumpkin/Other cucurbits	Vegetative/fruiting	In case of leaves giving a mottled appearance, the plants should be separated and sarvangi should be used for sucking pests. Regular irrigation should be applied as required. The farming activities should be scheduled as per the forecast.
Cauliflower/Cabbage/ Broccoli	Sowing	Sowing of cole crops should be done with enough moisture in the field. Nursery preparation should be done with the treated seeds and proper distance between the seeds should be maintained. The farming activities should be scheduled as per the forecast.
Peach/Plum	Fruiting/ Physiological maturity	Regular irrigation should be applied to reduce fruit drop and conserve soil moisture to maintain temperatures. Continue harvesting of early varieties of peach, plum, apricot keeping in view the weather forecast. Send pitted fruits to the market.

### Live Stock Specific Advisory

Livestock	LiveStock Specific Advisory
Cow / Buffalo	Continuous water supply should be maintained in the shed to prevent heat stress conditions in the animals due to heat wave. Temperature of animal shed should be maintained using cooling devices such as fan, cooler or latest cooling device to maintain the productivity of foreign cows and save them from diseases. The drinking troughs should be kept clean and animals should be provided water at least four times during the day. If symptoms of mastitis are seen in dairy cattle , treat it immediately.

### Others (Soil/Land Preparation)

Others (Soil/Land Preparation)	Others (Soil/Land Preparation) Specific Advisory
General Advice	Intercultural operations should be done in cucurbits to conserve moisture and irrigation should be applied to the crops during evening hours. In case of strong wind avoid irrigating standing crops and maintain drainage in case of excess rainfall.