



## **Agromet Advisory Bulletin**

**Date: 23 .05.2025**

**Weather Forecast of District UDHAMSINGH-NAGAR (Uttarakhand) Issued On: 2025-05-23 (Valid Till 08:30 IST of the next 5 days)**

Parameter	24/05/2025	25/05/2025	26/05/2025	27/05/2025	28/05/2025
<b>Rainfall(mm)</b>	0	4	4	4	20
<b>Max Temp(°C)</b>	34	35	36	36	35
<b>Min Temp(°C)</b>	26	27	28	28	27
<b>Max RH I (%)</b>	70	70	70	75	80
<b>Min RH II (%)</b>	35	40	40	40	45
<b>Wind speed (km/h)</b>	10	14	14	10	14
<b>Wind direction</b>	140	140	140	140	140
<b>Cloud cover</b>	1	2	2	2	6
<b>Warning</b>	No Warning	Thunderstorm accompanied with lightning / gusty winds (40-50 kmph) likely to occur at isolated places	Thunderstorm accompanied with lightning / gusty winds (40-50 kmph) likely to occur at isolated places	Thunderstorm accompanied with lightning / gusty winds (30-40 kmph) likely to occur at isolated places	Thunderstorm accompanied with lightning / gusty winds (40-50 kmph) likely to occur at isolated places

### **Weather Summary/Alert:**

During last week (16-22 May) 19.4 mm rainfall was recorded and the maximum-minimum temperature ranged between 33.6 to 41.0oC and 21.7 to 27.4oC, respectively. The morning and evening relative humidity ranged between 42-72% and 29-53%, respectively. The wind blew from east, east-north-east, east-south-east, south, west, south-east direction at a speed ranging 1.8-9.3 kmph. The weather was windy with few rainy days during last week. The upcoming week is expected to receive light to moderate rainfall of 4-20 mm with maximum-minimum temperature ranging 34.0-36.0oC and 26.0-28.0oC, respectively. The wind is expected to blow from south-east direction at a speed of 10-14 kmph. Yellow warning has been issued from 24-27 May regarding occurrence of thunderstorm accompanied with lightning/gusty winds (40-50) kmph at isolated places.

### **Weather Warnings (Valid Till 08:30 IST of the next day)**

As per IMD, no warning has been issued till 08:30 IST of the next day

Likely impacts of weather warnings on Agriculture and associated Agromet advisories No impact and advisory.

No impact.

### **General Advisory:**

The farmers and other related community can download the “Mausam” app for regular weather information and rainfall alerts. Other apps like "Meghdoot" and "Damini" are also available for regular update of meteorological and lightning data, respectively. All the apps can be easily downloaded from Google Play Store (Android users) and App Centre (iOS users). The extended range forecast shows excess rainfall and below normal maximum and normal minimum temperature trend during 30.05.2024 to 06.06.2024.

### SMS Advisory:

As per IMD, yellow warning has been issued regarding thunderstorm/lightning/gusty winds (40-50 kmph) so the dried harvested produce should be stored in well ventilated place and any kind of chemical spray should be postponed.

### Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Sunflower	Flowering/Seed formation	Apply light irrigation to maintain moisture. Mature heads should be protected from the attack of birds and parrots. Mature heads should be harvested and dried well under protected cover.
Urd/moong (Black gram/Green gram)	Vegetative	Light irrigation should be applied and regular weeding-hoeing operation should be postponed under medium rainfall conditions.
Daincha	Sowing/Seedling	After wheat harvesting, green manuring crops like daincha should be sown and irrigation should be applied if required to maintain moisture. Avoid irrigation on medium rainfall days..
Sugarcane	Vegetative	Avoid irrigating the crop and postpone application of chemical spray and urea.
Spring maize	Taselling/Cob filling	Avoid irrigating the crop if moisture is present otherwise apply light irrigation.

### Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
Cowpea	Vegetative	The crop should be given light irrigation only if moisture is required and regular farming operations should be postponed.
Pumpkin/Other cucurbits	Vegetative/Fruiting	Mottled leaves if observed in the plant, plant should be separated from others. The chemical spray should be postponed. Light irrigation should be applied only if moisture seems less. Mulch may be used to conserve moisture.
Ladyfinger	Vegetative/fruitletting	Destroy the plants with yellow veins and control the sucking pest using Cyantraniliprole 10.26 % OD. Moisture should be maintained in the crop so regular irrigation should be applied. Mulch may be used to conserve moisture.
Mango	Fruiting	Apply regular irrigation and maintain moisture in the soil. Use soil moisture conservation measures.
Litchi	Fruiting	Apply regular irrigation and maintain moisture in the soil. Use soil moisture conservation measures.

### Live Stock Specific Advisory

Livestock	Live Stock Specific Advisory
Cow	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. Foreign cows are unable to tolerate excessive heat, due to which their ability to consume food decreases which affect their production. Therefore, to maintain the production of foreign cows and to prevent diseases, temperature of animal shed should be maintained using cooling equipment like fan, cooler or latest cooling devices.
Buffalo	In the summer season, time to time spraying of melathiyam or other insecticide should be done in the drains near the animal shed. 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. If symptoms of mastitis are seen in dairy cattle, treat it immediately

Likely impacts of Weather Warnings (General)

Lodging of crops, spoilage of harvest, disruption in regular farming activities

Impact based advisories (General)

Avoid heavy irrigation and give light irrigation only if soil seems dry, keep the harvest in well protected and ventilated space, postpone the regular farming activities.