



**Gramin Krishi Mausam Sewa**  
**Agromet Advisory Bulletin for UDAMSINGH-NAGAR**  
**District**  
**Govind Ballabh Pant University of Agriculture & Technology**  
 Udham Singh Nagar, Pantnagar, Uttarakhand



## **Agromet Advisory Bulletin**

**Date : 2025-06-03**

**Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-06-03 (Valid Till 08:30 IST of the next 5 days)**

Parameter	2025-06-04	2025-06-05	2025-06-06	2025-06-07	2025-06-08
Rainfall(mm)	10.0	8.0	0.0	0.0	0.0
Tmax(°C)	36.0	37.0	38.0	39.0	40.0
Tmin(°C)	21.0	21.0	22.0	23.0	24.0
RH-I(%)	75	70	70	65	65
RH-II(%)	35	35	35	35	30
Wind Speed(kmph)	6	6	6	8	8
Wind Direction(Degree)	5	5	140	5	140
Cloud Cover(Octa)	7	6	2	1	0
Warning	NA	NA	NA	NA	NA

### **Forecast Summary:**

Last week (27 May to 2 June) 3.4 mm rainfall was recorded with the maximum-minimum temperature ranging 33.5 to 39.4°C and 23.2 to 27.5°C, respectively. The morning and evening relative humidity ranged between 64-84% and 26-58%, respectively while the wind blew from south-east, east-south-east, east, north-north-east and west direction at a speed varying between 1.0-5.6 kmph. Most of the days were cloudy with hot and humid weather last week. The upcoming forecast shows light rainfall of 8-10 mm on 3 & 4 June and maximum-minimum temperature are expected to vary as 36.0-40°C and between 21.0-24.0°C, respectively. The wind is expected to blow from north and south-east direction at a speed of 6-8 kmph. On 3 & 4 June thunderstorm accompanied with lightning / gusty winds (40-50 kmph) is likely to occur at isolated places in plain districts of Uttarakhand.

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

Thunderstorm accompanied with lightning / Intense to very intense rain spell /gusty winds (40-50 kmph) is likely to occur at isolated places.

### **Likely impacts of weather warnings on Agriculture and associated Agromet advisories**

No significant 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 updates 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 deficient rainfall and normal maximum-minimum temperature trend during 06.06.2025 to 12.06.2025.

**SMS Advisory:**

As per IMD, on 3 & 4 June weather might be disturbed so farming activities should be scheduled on dry no warning days.

**Crop Specific Advisory:**

Crop (Stage)	Crop Specific Advisory
RICE (Nursery)	The nursery for the medium and early maturing varieties should be prepared in the first fortnight of the month. The transplanting nursery for rice can be prepared by wet or dry method. By wet method in irrigated areas nursery can be prepared 15-20 days before transplanting. In this water is added and all the weeds are allowed to germinate which are further puddled in the field itself. Dry method can be used in rainfed areas. Sowing of medium duration varieties such as Narendar-359, PR 113, etc. should be done. Sowing should be done at line to line distance of 20 cm at a depth of 4-5 cm under wet method. The farming activities should be scheduled on dry no warning days.
SUNFLOWER (Physiological Maturity)	The mature sunflower heads should be harvested and dried well. After drying sticks should be used to separate the sunflower seed. The farming activities should be scheduled on dry no warning days.
BLACK GRAM (Vegetative )	Regular weeding-hoeing operations and irrigation application should be continued in the crop and in early varieties harvesting should be done if pods are mature. All the farming activities should be scheduled on dry no warning days.
GREEN GRAM (Vegetative )	Regular weeding-hoeing operations and irrigation application should be continued in the crop and in early varieties harvesting should be done if pods are mature. All the farming activities should be scheduled on dry no warning days.
PIGEON PEA (RED GRAM/ARHAR) (Sowing)	Sowing of the early varieties can be done with rhizobium treated seeds. The sowing should be scheduled on dry no warning days.
SUGARCANE (Vegetative )	The autumn planted and spring planted new sugarcane crop should be irrigated as required and regular hoeing-weeding should be done. As per the recommendation nitrogen application should be done and soil should be piled around the stem (earthing up). The farming activities should be scheduled on dry and no warning days.
MAIZE (Physiological Maturity)	Mature cobs should be harvested for sale. Bird scaring should be practiced. The farming activities should be scheduled on dry and no warning days.

**Horticulture Specific Advisory:**

Horticulture (Stage)	Horticulture Specific Advisory
BRINJAL (Sowing)	The sowing or transplanting of round brinjals should be done. The transplanting should be done during evening hours. Sufficient spacing of 75cm row to row and 60-75cm plant to plant should be maintained. The farming activities should be scheduled on dry and no warning days.
PUMPKIN (Flowering)	If the pumpkin family crops are showing spots or curling, then destroy such plants and apply all-round insecticide to protect from sucking pests. Soil moisture should be maintained to avoid flower drop. The farming activities should be scheduled on dry and no warning days.
OKRA/ LADYFINGER (Fruit formation)	At harvesting stage, any kind of insecticide application should be avoided. If required, the framers may go for organic application of neem oil @3ml/l of water. The farming activities should be scheduled on dry no warning days.
CHILLI (Rhizome and Maturity)	Farmers need to complete the harvesting of the prepared chilli crop, as well as remove and destroy the infected plants (when shriveled and pitted leaves are visible) to control viral diseases and spray insecticides to control sap-sucking insects. Spray Mancozeb 2.5g/l or Copper oxychloride 3.0g/l of water to prevent outbreak of blight. To prevent flower drop maintain moisture in the crop. The farming activities should be scheduled on dry no warning days.
GINGER (Sowing)	Planting of the crops can be taken during the monsoon season and enough soil moisture should be maintained for proper growth. The farming activities should be scheduled on dry and no warning conditions.

Horticulture (Stage)	Horticulture Specific Advisory
TURMERIC (Sowing)	Planting of the crops can be taken during the monsoon season and enough soil moisture should be maintained for proper growth. The farming activities should be scheduled on dry and no warning conditions.

#### Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	As the monsoon season is arriving, the cows are sensitive to diseases so the required vaccination should be done in time.
BUFFALO	A congenial environment needs to be maintained for the animals for which the following points should be kept in mind: Regular bathing of animals is must. No exposure to excessive heat. Exhaust fans should be installed for good ventilation. Provide mosquito nets to avoid mosquito biting.

#### Likely impacts of weather warnings (General)

No significant weather warning has been given so farming activities should be carried on.
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#### Impact based advisories (General)

No significant weather warning has been given so farming activities should be carried on.
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**Farmers are advised to download Unified "Mausam" and "Meghdoot" android application on mobile for Weather forecast and weather based Agromet Advisories and "Damini" android application for forecast of Thunderstorm and lightening.**

**Mausam MobileApp link: <https://play.google.com/store/apps/details/>**

**Meghdoot MobileApp link: <https://play.google.com/store/apps/details>**

**Damini MobileApp link : <https://play.google.com/store/apps/details>**