



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 : 2025-05-20

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-05-20 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-05-21	2025-05-22	2025-05-23	2025-05-24	2025-05-25
Rainfall(mm)	4.0	3.0	1.0	7.0	8.0
Tmax(°C)	37.0	38.0	37.0	38.0	37.0
Tmin(°C)	27.0	26.0	26.0	27.0	27.0
RH-I(%)	68	64	65	66	67
RH-II(%)	30	30	26	33	34
Wind Speed(kmph)	10	10	7	10	10
Wind Direction(Degree)	100	106	109	126	160
Cloud Cover(Octa)	3	5	3	5	5
Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	No Warning	No Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds

Forecast Summary:

Last week (13 to 19 May) 2.4 mm rainfall was recorded and the maximum-minimum temperature varied between 34.0 to 41.0°C and 21.3 to 27.4°C, respectively. The morning and evening relative humidity ranged between 42-67% and 25-53%, respectively while the wind blew from west and west-north-west direction at a speed varying between 1.8-7.0 kmph. Weather was windy on most of the days last week with light clouds on few days. The upcoming forecast shows very light rainfall of 1-7 mm and maximum-minimum temperature are expected to vary as 37.0-38.0°C and between 26.0-27.0°C, respectively. The wind is expected to blow from east-south-east, south-east-east and south-south-east direction at a speed of 7-10 kmph. Yellow warning has been given for the occurrence of thunderstorm, lightning, squall, etc., strong surface winds for 21, 24 & 25 May at isolated places.

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

Thunderstorm & lightning, squall, etc, strong surface winds at isolated places.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Spoilage of harvested produce, delay in sowing and farming operations.

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 extended range forecast shows deficient rainfall and normal maximum-minimum temperature trend during 23.05.2025 to 29.05.2025.

SMS Advisory:

As per IMD forecast light rainfall with yellow warning for thunderstorm/ strong surface winds has been given so sowing should be delayed and farming operations should be scheduled on dry days.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
SUNFLOWER	Avoid irrigating the crop and the chemical application should be scheduled on days without warning.
BLACK GRAM (Vegetative)	The irrigation application should be scheduled as required and the weeding-hoeing operation should be scheduled on days without warning.
GREEN GRAM (Vegetative)	The irrigation application should be scheduled as required and the weeding-hoeing operation should be scheduled on days without warning.
WHEAT (Drying / Threshing)	The harvested produce should be stored well in a covered place.
DAINCHA (Germination)	Irrigation should be applied to the freshly sown crop as required.
SUGARCANE (Vegetative)	The irrigation application should be avoided and the application of urea and other chemical application should be postponed

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
COWPEA/ LOBIA (Vegetative)	The irrigation application and other farming operations such as weeding-hoeing should be scheduled on non-warning days.
PUMPKIN (Vegetative)	Irrigation can be applied as required by the crop but postpone chemical application on the crop.
OKRA/ LADYFINGER (Vegetative)	Irrigation can be applied as required by the crop but postpone chemical application on the crop and should be scheduled on non-warning days.
MANGO	Apply irrigation as required and use mulch to conserve soil moisture.
LITCHI	Apply irrigation as required and use mulch to conserve soil moisture.

Live Stock Specific Advisory:

Live Stock	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 melathiyar 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)

Spoilage of harvested produce, delay in farming operations, dislodging of crops.

Impact based advisories (General)

The harvested produce should be stored well, avoid irrigating the crops.

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>