



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 : 2025-04-22

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-04-22 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-04-23	2025-04-24	2025-04-25	2025-04-26	2025-04-27
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	38.0	38.0	38.0	38.0	37.0
Tmin(°C)	20.0	20.0	20.0	20.0	21.0
RH-I(%)	70	70	70	70	70
RH-II(%)	30	30	30	30	30
Wind Speed(kmph)	5	4	5	4	8
Wind Direction(Degree)	360	340	320	320	90
Cloud Cover(Octa)	0	0	0	0	3
Warning	No Warning	No Warning	No Warning	No Warning	No Warning

Forecast Summary:

During last week (15 to 21 April) 19.4 mm of rainfall was recorded and the maximum-minimum temperature ranged between 37.0 to 38.0oC and 20.0 to 21.0oC, respectively. The morning and evening relative humidity ranged between 58-94% and 30-47%, respectively. The wind blew from east, south-east, south-south-east and east-south-east at a speed ranging 0.8-5.9 kmph. The weather was windy on few days last week. The upcoming week is expected to receive no rainfall with maximum-minimum temperature ranging 37.0-38.0oC and 20.0-21.0oC, respectively. The wind is expected to blow from north, north-north-west, north-west and east direction at a speed of 4-8 kmph. Dry weather is expected to prevail during the upcoming week.

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

NIL

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

NIL

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 extended range forecast system shows that the predicted trend from 25 April to 1 May would observe deficient rainfall and normal maximum-minimum temperature trend.

SMS Advisory:

As per the IMD forecast, dry weather is likely to prevail so irrigation should be applied to the crops and chemical sprays should be scheduled and applied.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
SUNFLOWER (Flowering)	Irrigate the crop as required and regular weeding-hoeing should be done. At the time of hoeing, 10-15 cm soil should be added to the plant roots.
WHEAT (Harvesting)	Harvesting of wheat crop should be completed and the harvested produce should be dried properly before storage.
SUGARCANE (Sowing)	After wheat harvesting, late sugarcane crops could be sown and upper 1/3rd to 1/2nd part should be treated with Carbendazim @ 1g/l of water before sowing.
FODDER SORGHUM (Sowing)	Fodder sorghum can be sown during the second fortnight of this month and the sowing operations should be scheduled as per the forecasted conditions.
FODDER MAIZE (Vegetative)	Irrigation should be applied and top-dressing of urea should be done at 3-4 days interval after irrigation.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
GINGER (Sowing)	Pre-sowing irrigation should be given in the field and ginger sowing should be done.
MANGO	The blossom affected by gumma disease should be plucked and removed. Irrigation should be started when the fruit of mango gain the size like pea. Basin should be prepared and 2-3 irrigation should be given at an interval of 10-15 days. All the farming activities should be scheduled as per the forecast.
COLOCASIA/ TARO (Sowing)	Sowing of early varieties can be done.
PUMPKIN	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. The spray should be scheduled on dry days.
BRINJAL	Light irrigation, weeding and hoeing should be done in the crop.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
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.
COW	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.

Likely impacts of weather warnings (General)

NIL

Impact based advisories (General)

NIL

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>