



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 : 2025-03-28

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-03-28 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-03-29	2025-03-30	2025-03-31	2025-04-01	2025-04-02
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	34.0	34.0	35.0	35.0	36.0
Tmin(°C)	14.0	13.0	13.0	14.0	15.0
RH-I(%)	70	70	65	65	60
RH-II(%)	40	40	35	32	31
Wind Speed(kmph)	8	7	5	5	6
Wind Direction(Degree)	320	310	330	360	90
Cloud Cover(Octa)	0	4	0	0	0
Warning	No Warning	No Warning	No Warning	No Warning	No Warning

Forecast Summary:

During last week (21 to 27 March) no rainfall was recorded and the maximum-minimum temperature ranged between 30.0 to 34.0°C and 9.9 to 14.9°C, respectively. The morning and evening relative humidity ranged between 78-89% and 22-33%, respectively. The wind blew from west, south and west-south-west direction at a speed ranging 0.8-1.9 kmph. The weather remained clear last week. The upcoming week is expected to receive no rainfall with maximum-minimum temperature ranging 34.0-36.0°C and 13.0-15.0°C, respectively. The wind is expected to blow from north-west, north-west-west, north-west-north and east direction at a speed of 5-8 kmph. Dry weather is expected to prevail in the upcoming week.

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

No weather warning has been issued.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

No likely impact.

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 NDVI composite shows moderate agricultural vigour in the region. The extended range forecast system shows that the predicted trend from 28 March to 3 April would observe large deficit rainfall and normal maximum and below normal minimum temperature trend.

SMS Advisory:

As per IMD forecast , dry weather has been predicted so irrigation should be applied as required and recommended disease-insect control measures should be taken up.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
CHICK PEA	Irrigation should be applied as required at the pod formation stage and recommended insecticide or disease control measures should be followed against pod borer, leaf minor or aphid attack. The pod borer can be controlled using recommended insecticides i.e. Indoxacarb, Emamectin benzoate and Chlorantraniliprole. The mature pods should be harvested and dried well before storage.
LENTIL	Irrigation should be applied as required at the pod formation stage and recommended insecticide or disease control measures should be followed against pod borer, leaf minor or aphid attack. The pod borer can be controlled using recommended insecticides i.e. Indoxacarb, Emamectin benzoate and Chlorantraniliprole. The mature pods should be harvested and dried well before storage.
BLACK GRAM	The sowing should be done with recommended and treated seed varieties. They can also be intercropped with spring sugarcane.
GREEN GRAM	The sowing should be done with recommended and treated seed varieties. They can also be intercropped with spring sugarcane.
MUSTARD	Harvesting of mature pods should be done and pods should be dried well before threshing. Store the dried and threshed pods properly.
WHEAT	The weeds particularly Phalaris minor and wild oat should be destroyed to avoid yield loss. Occurrence of yellow and brown rust should be controlled and in case of aphid attack, the recommended insecticide should be sprayed. The wide leaved weeds can be controlled using metsulfuron methyl @4gm/ha mixed in 500-700 litres of water. Occurrence of yellow and brown rust should be controlled using Tebuconazole 250 EC in @500 ml/ha in 500 litre of water and in case of aphid attack 750 ml of Metasystox in 500 litre water per hectare can be used.
SUGARCANE	Irrigation application and regular weeding-hoeing should be carried out as per requirement in spring planted sugarcane. Top-dressing of urea should be done after irrigation in autumn planted sugarcane and new crop of sugarcane.
BARSEEM	After cutting, irrigation should be applied.
FODDER MAIZE	February sown crop should be irrigated and after 3-4 days top-dressing of urea should be done.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
FRENCH BEAN	Irrigation should be applied as required and regular hoeing-weeding should be done.
RADISH	Sowing of european varieties of radish can be done.
CARROT	Sowing of european varieties of carrot can be done
BRINJAL	In the previously planted crop, weeding and irrigation should be done as required.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	To prevent Puerperal fever in pregnant animals, 50-60 grams of mineral mixture should be fed to them everyday to boost their immunity as they are prone to sterility and Johne's disease (Paratuberculosis) during this time. In adult animals, deworming medicine must be used 15 days before vaccination against foot and mouth disease.
COW	To prevent Puerperal fever in pregnant animals, 50-60 grams of mineral mixture should be fed to them everyday to boost their immunity as they are prone to sterility and Johne's disease (Paratuberculosis) during this time. In

Live Stock	Live Stock Specific Advisory
	adult animals, deworming medicine must be used 15 days before vaccination against foot and mouth disease.

Likely impacts of weather warnings (General)

No likely impact.

Impact based advisories (General)

No advisory.

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>