



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 : 2025-04-01

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-04-01 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-04-02	2025-04-03	2025-04-04	2025-04-05	2025-04-06
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	32.0	33.0	33.0	34.0	34.0
Tmin(°C)	10.0	11.0	11.0	12.0	13.0
RH-I(%)	70	70	70	70	70
RH-II(%)	30	30	30	30	30
Wind Speed(kmph)	5	7	6	7	6
Wind Direction(Degree)	320	340	90	320	360
Cloud Cover(Octa)	0	2	2	0	0
Warning	No Warning	No Warning	No Warning	No Warning	No Warning

Forecast Summary:

During last week (25 to 31 March) no rainfall was recorded and the maximum-minimum temperature ranged between 30.1 to 36.0°C and 10.3 to 14.9°C, respectively. The morning and evening relative humidity ranged between 68-89% and 18-29%, respectively. The wind blew from west, west-south-west, west-north-west at a speed ranging 0.9-11.2 kmph. The weather remained clear last week. The upcoming week is expected to receive no rainfall with maximum-minimum temperature ranging 32.0-34.0°C and 11.0-13.0°C, respectively. The wind is expected to blow from north, north-north-west and north-west direction at a speed of 5-7 kmph. The weather is expected to remain dry in the region.

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

No warning.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

No significant impact on agriculture.

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 good 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-pest control measures should be taken.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
CHICK PEA	The major pest as pod borer can be possibly controlled using recommended doses of Indoxacarb, Emamectin benzoate and Chlorantraniliprole. The mature pods should be harvested and dried well before threshing and storage.
LENTIL	The major pest as pod borer can be possibly controlled using recommended doses of Indoxacarb, Emamectin benzoate and Chlorantraniliprole. The mature pods should be harvested and dried well before threshing and storage.
BLACK GRAM	Recommended and treated seed varieties should be sown or intercropped with spring sugarcane.
GREEN GRAM	Recommended and treated seed varieties should be sown or intercropped with spring sugarcane.
MUSTARD	The mature pods should be harvested and dried well before threshing for storage purpose. The threshed pods should be stored properly.
WHEAT	The major wheat weed like 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.
SUGARCANE	The irrigation application and regular weeding-hoeing practices should be carried as required in spring planted sugarcane and after irrigation urea should be top dressed in autumn planted sugarcane and new crop of sugarcane
BARSEEM	After cutting, irrigation should be applied.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
MANGO	On occurrence of mango hopper after fruit setting, Imidacloprid @ 3 ml/10 liters should be sprayed in the mango orchard.
PAPAYA	In plains, the papaya orchard basin should be cleared and mature fruits should be sent to market. Nursery sowing should be done for new Papaya crop.
TOMATO	In tomato crop, roots should be dipped in imidachloprid @1g/lit of water for 10-15 min before transplanting and on occurrence of contracted piebald leaves in early transplanted crops, infected plants should be removed and destroyed.
CHILLI	In chilli crop, roots should be dipped in imidachloprid @1g/lit of water for 10-15 min before transplanting and on occurrence of contracted piebald leaves in early transplanted crops, infected plants should be removed and destroyed.
BRINJAL	Weeding and irrigation application should be done as per the need in the already planted crop.

Live Stock Specific Advisory:

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

Likely impacts of weather warnings (General)

No impacts.

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>