



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 : 2025-03-25

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-03-25 (Valid Till 08:30 IST of the next 5 days)

| Parameter | 2025-03-26 | 2025-03-27 | 2025-03-28 | 2025-03-29 | 2025-03-30 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Tmax(°C) | 32.0 | 34.0 | 35.0 | 33.0 | 32.0 |
| Tmin(°C) | 14.0 | 15.0 | 16.0 | 14.0 | 13.0 |
| RH-I(%) | 70 | 65 | 65 | 60 | 60 |
| RH-II(%) | 40 | 42 | 40 | 35 | 35 |
| Wind Speed(kmph) | 4 | 4 | 7 | 8 | 7 |
| Wind Direction(Degree) | 20 | 340 | 320 | 310 | 310 |
| Cloud Cover(Octa) | 0 | 0 | 0 | 0 | 3 |
| Warning | No Warning | No Warning | No Warning | No Warning | No Warning |

Forecast Summary:

During last week (18 to 24 March) no rainfall was recorded and the maximum-minimum temperature ranged between 28.5 to 31.6°C and 10.0 to 11.4°C, respectively. The morning and evening relative humidity ranged between 78-89% and 27-39%, respectively. The wind blew from west-south-west, west-north-west and south-south-east at a speed ranging 0.7-2.7 kmph. The weather remained clear on most of the days last week. The upcoming 5-day forecast indicates no rainfall with maximum-minimum temperature ranging between 32- 35°C and 13-16°C, respectively. The wind is expected to blow from north-north-west and north-west direction at a speed of 4-8 kmph. Dry weather is likely to prevail on all of days.

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 or associated advisory.

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 21-27 March would observe deficit rainfall and normal maximum-minimum temperature trend.

SMS Advisory:

As per IMD forecast, irrigation should be applied to crops and harvested produce should be dried and threshed.

Crop Specific Advisory:

| Crop (Stage) | Crop Specific Advisory |
|--------------|---|
| WHEAT | Irrigation should be applied as an when required. The weeds particularly Phalaris minor and wild oat should be destroyed to avoid yield loss. 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 incase of aphid attack 750 ml of Metasystox in 500 litre water per hectare can be used. |
| CHICK PEA | Regular farming activities like disease/pest control measures should be practiced against major pest like pod borer and disease like blight. Irrigation should be applied at the pod formation stage. Mature pods should be harvested and dried well. |
| LENTIL | Regular farming activities like disease/pest control measures should be practiced against major pest like pod borer and disease like blight. Irrigation should be applied at the pod formation stage. Mature pods should be harvested and dried well. |
| BLACK GRAM | If available then sowing of pulses can be done or can also be intercropped with sugarcane. |
| GREEN GRAM | If available then sowing of pulses can be done or can also be intercropped with sugarcane. |
| MUSTARD | Harvesting of mature pods should be done and pods should be dried well before threshing. Store the dried and threshed pods. |
| SUGARCANE | Irrigation application and regular weeding-hoeing operations should be carried out as per requirement in autumn planted sugarcane. Top-dressing of urea should be done after irrigation. |

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 operation for european varieties of radish can be done. |
| CARROT | Sowing operation for european varieties of carrot can be done. |
| MANGO | On the occurrence of Gumba or Mango malformation, cut the affected part and put them covered with soil in the pit. |

Live Stock Specific Advisory:

| Live Stock | Live Stock Specific Advisory |
|------------|---|
| BUFFALO | In case of infectious diaorrhoea in cows/buffaloes, oral E. coli vaccine should be administered and anthelmintic drugs should be given to 2 month old calves. |
| COW | In case of infectious diaorrhoea in cows/buffaloes, oral E. coli vaccine should be administered and anthelmintic drugs should be given to 2 month old calves. |
| GOAT | For wool production, clean the sheep/goats properly before shaving the wool |
| SHEEP | For wool production, clean the sheep/goats properly before shaving the wool |

Likely impacts of weather warnings (General)

No likely impacts or weather warnings.

Impact based advisories (General)

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|------------------------|
| No particular advisory |
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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