



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 : 2025-04-25

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-04-25 (Valid Till 08:30 IST of the next 5 days)

| Parameter | 2025-04-26 | 2025-04-27 | 2025-04-28 | 2025-04-29 | 2025-04-30 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Tmax(°C) | 39.0 | 39.0 | 40.0 | 40.0 | 40.0 |
| Tmin(°C) | 16.0 | 16.0 | 17.0 | 17.0 | 17.0 |
| RH-I(%) | 70 | 70 | 70 | 70 | 70 |
| RH-II(%) | 30 | 30 | 30 | 30 | 30 |
| Wind Speed(kmph) | 3 | 4 | 5 | 6 | 8 |
| Wind Direction(Degree) | 320 | 140 | 140 | 140 | 140 |
| Cloud Cover(Octa) | 1 | 2 | 3 | 2 | 1 |
| Warning | No Warning | No Warning | No Warning | No Warning | No Warning |

Forecast Summary:

During last week (18 to 24 April) 5.6 mm of rainfall was recorded and the maximum-minimum temperature ranged between 32.5 to 39.0°C and 16.4 to 23.3°C, respectively. The morning and evening relative humidity ranged between 56-86% and 13-47%, respectively. The wind blew from north-west and south-east at a speed ranging 0.8-5.9 kmph. Weather was mostly clear during past week. The upcoming week is expected to receive no rainfall with maximum-minimum temperature ranging 39.0-40.0°C and 16.0-17.0°C, respectively. The wind is expected to blow from north-west and south-east at a speed of 3-8 kmph. Dry weather likely to prevail during the period.

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 NDVI shows moderate agricultural vigour in the region. The extended range forecast shows deficient rainfall and normal maximum-minimum temperature trend during 25.04.2025 to 01.05.2025.

SMS Advisory:

As per IMD forecast, dry weather has been predicted so irrigation should be applied to the fresh seedlings and harvested produce should be dried well before storage.

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) | The harvested produce should be dried properly before storage and the field should be prepared for the next crop. |
| 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. |
| 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 |
|--------------------------|---|
| 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. |
| COWPEA/ LOBIA (Sowing) | High yielding varieties of cowpea should be sown during the end of the month. |
| GINGER (Sowing) | Pre-sowing irrigation should be given in the field and ginger sowing should be done. |
| COLOCASIA/ TARO (Sowing) | Sowing of early varieties can be done this month. |
| PUMPKIN (Vegetative) | 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. |
| BRINJAL (Vegetative) | 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. |

Others (Soil / Land Preparation) Specific Advisory:

| Others (Soil / Land Preparation) | Others (Soil / Land Preparation) Specific Advisory |
|----------------------------------|---|
| GENERAL ADVICE | After harvesting the rabi crops, the fields should be cleaned well, ploughed deep to expose the harmful insects, their stages and harmful weeds for destruction. Green manuring should be done after harvesting wheat and other crops which can be done by sowing dhaincha @50-60 kg/ha and sunai @80-90 kg/ha as per the soil. Deep ploughing of the fields should be done after harvesting of rabi crops so that insect eggs and weeds are destroyed. |

Likely impacts of weather warnings (General)

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| NIL |
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Impact based advisories (General)

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| NIL |
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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