



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 : 2025-05-13

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-05-13 (Valid Till 08:30 IST of the next 5 days)

| Parameter | 2025-05-14 | 2025-05-15 | 2025-05-16 | 2025-05-17 | 2025-05-18 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 |
| Tmax(°C) | 40.8 | 41.7 | 42.8 | 43.0 | 41.9 |
| Tmin(°C) | 24.5 | 25.2 | 25.6 | 26.1 | 27.4 |
| RH-I(%) | 49 | 42 | 40 | 44 | 50 |
| RH-II(%) | 15 | 16 | 15 | 18 | 21 |
| Wind Speed(kmph) | 4.0 | 4.8 | 5.9 | 10.6 | 12.6 |
| Wind Direction(Degree) | 5 | 13 | 48 | 80 | 88 |
| Cloud Cover(Octa) | 0 | 0 | 0 | 2 | 3 |
| Warning | No Warning | No Warning | No Warning | No Warning | No Warning |

Forecast Summary:

Last week (6 to 12 May) no rainfall was recorded and the maximum-minimum temperature varied between 29.5 to 37.5 and 19.8 to 24.1, respectively. The morning and evening relative humidity ranged between 62-79% and 23-40%, respectively while the wind blew from east-south-east, south-east, south-south-east, south and west at a speed varying between 4.0-12.6 kmph. Weather was clear on most of the days last week. The upcoming forecast shows insignificant drizzle of 0.2 mm on 17 May and maximum-minimum temperature are expected to vary between 40.8-43.0°C and 24.5-27.4°C, respectively. The wind is expected to blow from north-east, south-east and east-north direction at a speed of 4-12.6 kmph. No warning has been issued for the upcoming week and the weather is expected to remain dry.

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 warning

General Advisory:

Farmers can download the "Meghdoot" and "Damini" app available for regular update of meteorological and lightning data, respectively from Google Play Store (Android users) and App Centre (iOS users). The extended range forecast shows normal rainfall, maximum and minimum temperature trend during 16.05.2025 to 22.05.2025.

SMS Advisory:

As per IMD, no warning has been issued so the harvested produce should be dried well and the sowing operations should be continued. All the chemical applications should be scheduled accordingly.

Crop Specific Advisory:

| Crop (Stage) | Crop Specific Advisory |
|--------------------------------|---|
| CHICK PEA (Drying / Threshing) | The harvested crop should be threshed well after sun drying and stored well. |
| SUNFLOWER (Flowering) | The crop should be regularly irrigated as per requirement at flowering/seed formation. The mature heads should be protected from birds and parrots. The required insecticide spray should be used to control the pest attack. |
| BLACK GRAM (Vegetative) | The crop should be irrigated as and when required and regular weeding-hoeing should be done. |
| GREEN GRAM (Vegetative) | The crop should be irrigated as and when required and regular weeding-hoeing should be done. |
| DAINCHA (Sowing) | Irrigation application should be done in the freshly sown crop. |
| SUGARCANE (Vegetative) | Regular irrigation application along with hoeing-weeding should be done and after irrigation top-dressing of urea should be done. In case of pest attack recommended insecticide should be sprayed. |
| FODDER SORGHUM (Sowing) | Irrigation should be applied as per the crop requirement. |

Horticulture Specific Advisory:

| Horticulture (Stage) | Horticulture Specific Advisory |
|---------------------------------|---|
| GINGER (Physiological Maturity) | Irrigation should be stopped in the garlic crop which have matured and harvesting of bulbs should be done and dried in shade. |
| COWPEA/ LOBIA (Vegetative) | Apply irrigation as and when required. |
| PUMPKIN (Vegetative) | In case of leaves giving a mottled appearance, the plants should be separated and sarvangi should be used for sucking pests. |
| OKRA/ LADYFINGER (Vegetative) | If the veins of leaves of okra crop are turning yellow, then destroy the plants and Sarvangi insecticide should be sprayed to control the juice sucking insects. All the farming operations should be scheduled as per the forecast. |
| TOMATO (Vegetative) | To control of viral diseases in tomato crop, remove and destroy the infected plants(when shrunk speckled leaves are visible), to control the juice sucking insect in these crops, sarvangi insecticide should be sprayed. To save the crop from blight disease, it is advised that solution of Mancozeb @ 2.5g/liter or copper oxychloride @ 3g/lit of water should be sprayed. |
| CHILLI (Vegetative) | To control of viral diseases in chilli crop, infected plants (contracted piebald leaves) should be removed and destroyed. To control the juice sucking insect in these crops, sarvangi insecticide should be sprayed. To save the crop from blight disease, it is advised that solution of Mancozeb @ 2.5g/liter or copper oxychloride @ 3g/lit of water should be sprayed. |

Live Stock Specific Advisory:

| Live Stock | Live Stock Specific Advisory |
|------------|---|
| COW | Temperature of animal shed should be maintained using cooling devices such as fan, cooler or latest cooling device to maintain the productivity of foreign cows and save them from diseases. Foreign cows are unable to tolerate excessive heat, due to which their ability to consume food decreases which affect their production. Therefore, to maintain the production of foreign cows and to prevent diseases, temperature of animal shed should be maintained using cooling equipment like fan, cooler or latest cooling devices. |
| BUFFALO | In the summer season, time to time spraying of melathiyani or other insecticide should be done in the drains near the animal shed. 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. If symptoms of mastitis are seen in dairy cattle, treat it immediately. |

Others (Soil / Land Preparation) Specific Advisory:

| Others (Soil / Land Preparation) | Others (Soil / Land Preparation) Specific Advisory |
|----------------------------------|--|
| GENERAL ADVICE | Soil sample should be taken from 10-15 different places in this month from fallow field after harvesting of rabi crops. Soil sample should be taken up to the depth of 20cm. |

Likely impacts of weather warnings (General)

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| No warning |
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Impact based advisories (General)

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| No warning |
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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>