



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 : 2025-12-05

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-12-05 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-12-06	2025-12-07	2025-12-08	2025-12-09	2025-12-10
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	24.0	24.0	24.0	23.0	23.2
Tmin(°C)	6.0	6.0	6.0	5.0	5.0
RH-I(%)	73	70	72	68	70
RH-II(%)	45	46	48	38	40
Wind Speed(kmph)	4	5	3	4	3
Wind Direction(Degree)	270	280	310	300	280
Cloud Cover(Octa)	0	2	2	0	0
Warning	No Warning	No Warning	No Warning	No Warning	No Warning

Forecast Summary:

In the last seven days (28 November to 4 December) 0.0 mm rainfall was recorded with maximum and minimum temperatures ranging between 24.5 to 27.5°C and 6.5 to 7.8°C. During the last week weather remained clear. Morning relative humidity at 0712 hrs ranged between 87 to 97% and evening relative humidity at 1412 hrs ranged between 33 to 43%. Wind speed was 1.0 to 2.8 km per hour and wind direction was mostly west, west-north-west, west-south-west and north-west. The upcoming 5 days forecast shows no rainfall. The maximum and minimum temperatures would range 23.0-24.0 degrees Celsius and 5.0-6.0 degrees Celsius. Winds with a speed of 3-5 kmph would mostly blow from west, west-north, north-west and north-west-west direction. Dry weather is expected in the upcoming week.

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

No significant weather warning.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

No significant impact on agriculture of weather warnings or their associated agromet advisories.

General Advisory:

The farmers and other related community can download the "Mausam" app for regular weather information and rainfall alerts. Other apps like "Meghdoot" and "Damini" are also available for regular update of meteorological and lightning data, respectively. All the apps can be easily downloaded from Google Play Store (Android users) and App Centre (iOS users). The extended range forecast shows deficient pattern for rainfall, normal maximum and minimum temperature trend during 12.12.2025 to 18.12.2025.

SMS Advisory:

As per IMD, no significant weather warnings have been given so all the farming operations should be scheduled accordingly and irrigation should be applied as required by the crops.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
SUGARCANE (Vegetative)	The autumn sugarcane should be irrigated as required. The other farming activities like weeding and hoeing should be regularly monitored.
PIGEON PEA (RED GRAM/ARHAR) (Maturity and Harvesting)	In case of standing crops, the irrigation should be applied as per requirement while in case of late varieties, on occurrence of pod borer recommended practices should be taken up.
CHICK PEA (Sowing)	In case of late sowing, the sowing operations should be completed till first fortnight of the month. The line to line distance in late sowing should be maintained at 15-20 cm while at the time of sowing, the seed biotreatment should be done with 200 g rhizobium and PSB per 10 kg seed. In the last month sown crop, the farming operations like irrigation application, weeding-hoeing can be done accordingly.
LENTIL (Sowing)	In case of late sowing, the sowing operations should be completed till first fortnight of the month. The line to line distance in late sowing should be maintained at 15-20 cm while at the time of sowing, the seed biotreatment should be done with 200 g rhizobium and PSB per 10 kg seed. In the last month sown crop, the farming operations like irrigation application, weeding-hoeing can be done accordingly.
RAPESEED (Vegetative)	The late sown crops should be monitored and light irrigation should be given before flowering. After irrigation, top dressing of nitrogen should be done.
MUSTARD (Vegetative)	The late sown crops should be monitored and light irrigation should be given before flowering. After irrigation, top dressing of nitrogen should be done.
WHEAT (Sowing)	The late sowing of the crop should be done till second fortnight of December and properly treated seeds and sowing methods should be followed. Irrigation should be applied as required in the already sown crop. Half of the remaining nitrogen should be applied after first irrigation.
BARLEY (Sowing)	The late sowing of the crop should be done till first fortnight of the month and properly treated seeds and sowing methods should be followed.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CAULIFLOWER (Harvesting)	Light irrigation should be given in the cauliflower. Harvest the mature flower head. To control the leaf spot disease in cole crops, mancozeb 75 WP should be applied 2-3 times. Hot water seed treatment should be used to control the disease.
TOMATO (Maturity and Harvesting)	On the shrinkage or getting piebald of upper leaves of tomato, infected plants should be removed and destroyed. The crop should be checked for disease transferring insects and controlled accordingly. Harvest mature fruits.
RADISH (Sowing)	The European variety can be sown @6-8 kg/ha and Asian variety @10-12 kg/ha while the line to line sowing distance should be 20-25 cm and plant to plant distance should be 8-10 cm.
CAPSICUM (Nursery/ seedling)	Nursery sowing can be done and the seedlings can be transplanted after 4-8 weeks.
CARROT (Sowing)	The European variety can be sown @5-6 kg/ha with the line to line sowing distance of 20-40 cm and plant to plant distance should be 5-7 cm.
BEETROOT (Sowing)	The European variety can be sown @7-10 kg/ha with the line to line sowing distance of 30-45 cm and plant to plant distance should be 10-15 cm.
VEGETABLE PEA (Sowing)	Sowing can be done @80-120 kg/ha with the line to line distance of 30-45 cm and plant to plant distance of 5-10 cm. Monitoring should be done of the growing crop.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	To save the animal from cold, dry grasses, paddy residue (Puwal) etc which are not used as fodder for animals should be used as a bedding material for animals in sheds. Door and window should be covered properly so that cold wind could not be entered in the animal shed. Sitting place of animals should be leveled. It is advised that green fodder can be given to the animals by mixing it in dry fodder otherwise animal may be infected by Timpeti disease which causes death of animals.
COW	To save the animal from cold, dry grasses, paddy residue (Puwal) etc which are not used as fodder for animals should be used as a bedding material for animals in sheds. Door and window should be covered properly so that cold wind could not be entered in the animal shed. Sitting place of animals should be leveled. It is advised that green fodder can be given to the animals by mixing it in dry fodder otherwise animal may be infected by Timpeti disease which causes death of animals.

Likely impacts of weather warnings (General)

No significant impact of weather warning .

Impact based advisories (General)

No significant 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>