



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 : 2025-12-26

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-12-26 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-12-27	2025-12-28	2025-12-29	2025-12-30	2025-12-31
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	17.3	17.9	19.0	19.0	19.2
Tmin(°C)	7.6	8.0	8.2	8.5	9.0
RH-I(%)	75	72	67	64	63
RH-II(%)	42	40	37	34	35
Wind Speed(kmph)	4	4	4	4	4
Wind Direction(Degree)	288	321	349	326	343
Cloud Cover(Octa)	3	2	1	2	0
Warning	Cold Day; Fog	Cold Day; Fog	Cold Day; Fog	Fog	Fog

Forecast Summary:

In the last seven days (19 to 25 December) 0.0 mm rainfall was recorded with maximum and minimum temperatures ranging between 13.5 to 21.0°C and 5.5 to 10.4°C. During the last week most days experienced dense fog. Morning relative humidity at 0712 hrs ranged between 95 to 100% and evening relative humidity at 1412 hrs ranged between 59 to 98%. Wind speed was 0.6 to 2.8 km per hour and wind direction was mostly west, north-west, west-north-west and south-south-west. The upcoming 5 days forecast shows no rainfall but cold days with severely dense fog from 26 to 30 December. Yellow warning has been issued regarding the occurrence of cold days from 26 to 28 December and similar warning regarding the occurrence of severe fog is expected from 26 to 30 December.

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

Cold days and dense fog is expected in the upcoming week.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Occurrence of diseases and pests and damage due to cold weather. The disease and pest control measures should be followed during afternoon hours if the crop is dry and irrigation should be applied to save the crop from cold damage.

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).

SMS Advisory:

As per IMD warnings, cold days and dense fog is expected in the upcoming days so appropriate farming actions like life saving irrigation should be applied to the crops.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
CHICK PEA (Vegetative)	Regular monitoring of the crop should be done and hoeing-weeding operations should be carried out. Light irrigation should be applied to the crop to avoid cold damage while other farming operations like chemical spray should be scheduled during afternoon hours when crop is dry and weather is suitable.
LENTIL (Vegetative)	Regular monitoring of the crop should be done and hoeing-weeding operations should be carried out. Light irrigation should be applied to the crop to avoid cold damage while other farming operations like chemical spray should be scheduled during afternoon hours when crop is dry and weather is suitable.
RAPSEED (Pod initiation)	The weather is supportive for the occurrence of pests and diseases in the crop so chemical spray should be scheduled during afternoon hours and light irrigation should be applied to avoid cold damage. The harvested crop in case of timely sown crop should be kept under safe place.
MUSTARD (Pod initiation)	The weather is supportive for the occurrence of pests and diseases in the crop so chemical spray should be scheduled during afternoon hours and light irrigation should be applied to avoid cold damage. The harvested crop in case of timely sown crop should be kept under safe place.
WHEAT (Vegetative)	Regular monitoring of the crop should be done and life saving irrigation should be applied as required. The chemical spray should be scheduled during afternoon hours when the crop is dry and weather conditions are supportive for the spray. The farming operations should be taken up as per the forecasted cold days and dense fog conditions.
BARLEY (Vegetative)	Regular monitoring of the crop should be done and life saving irrigation should be applied as required. The chemical spray should be scheduled during afternoon hours when the crop is dry and weather conditions are supportive for the spray. The farming operations should be taken up as per the forecasted cold days and dense fog conditions.
SUGARCANE (Vegetative)	The crop should be monitored regularly and as the weather is congenial for disease pest occurrence so chemical spray should be scheduled during afternoon hours when crop is dry and weather is suitable.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CAULIFLOWER	Keep monitoring the crop and apply light irrigation to avoid cold damage. Any kind of chemical spray to control disease and pest should be applied during afternoon hours when crop is dry and weather is suitable.
VEGETABLE PEA (Pod Development)	Keep monitoring the crop and apply light irrigation to avoid cold damage. Any kind of chemical spray to control disease and pest should be applied during afternoon hours when crop is dry and weather is suitable.
TOMATO	Keep monitoring the crop and apply light irrigation to avoid cold damage. Any kind of chemical spray to control disease and pest should be applied during afternoon hours when crop is dry and weather is suitable.
CHILLI	Keep monitoring the crop and apply light irrigation to avoid cold damage. Any kind of chemical spray to control disease and pest should be applied during afternoon hours when crop is dry and weather is suitable.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	To save the animal from cold, increase the amount of oil and Jaggery (Gur) in the food of animals. Caraway (Ajwain) and gur also be given to the animals. To save the animals from cold, proper arrangement of animal shed should be

Live Stock	Live Stock Specific Advisory
	done. Vaccination should be given to the animals to save them from Rinderpest disease (Sheetla rog).
COW	To save the animal from cold, increase the amount of oil and Jaggery (Gur) in the food of animals. Caraway (Ajwain) and gur also be given to the animals. To save the animals from cold, proper arrangement of animal shed should be done. Vaccination should be given to the animals to save them from Rinderpest disease (Sheetla rog).

Likely impacts of weather warnings (General)

Significant cold days and dense fog is expected in the upcoming days so cold damage and occurrence of disease and pest attack is expected.

Impact based advisories (General)

Light irrigation should be applied to the crops and disease control measures through chemical spray can be done during afternoon hours when crops are dry and weather conditions are suitable for the crops.

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>