



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 : 2026-01-06

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2026-01-06 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-01-07	2026-01-08	2026-01-09	2026-01-10	2026-01-11
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	15.0	15.0	15.0	16.0	18.0
Tmin(°C)	5.0	5.0	5.0	5.0	6.0
RH-I(%)	72	73	74	74	76
RH-II(%)	45	40	47	42	43
Wind Speed(kmph)	5	5	4	6	5
Wind Direction(Degree)	340	300	290	300	290
Cloud Cover(Octa)	1	1	1	1	1
Warning	Cold Day; Fog	Cold Day; Fog	Fog	Fog	Fog

Forecast Summary:

In the last seven days (30 December to 5 January) 0.0 mm rainfall was recorded with maximum and minimum temperatures ranging between 15.0 to 16.0°C and 5.0 to 6.0°C. During the last week most days experienced dense fog and cold days. Morning relative humidity at 0712 hrs ranged between 83 to 100% and evening relative humidity at 1412 hrs ranged between 63 to 93%. Wind speed was 1.1 to 6.0 km per hour and wind direction was mostly west-north-west, north-north-west, west-south-west and east. The upcoming 5 days forecast shows no rainfall but cold days with dense fog from 6 to 10 January is expected. The maximum and minimum temperature, respectively is expected to range between 15.0-18.0 degree celsius and 5.0-6.0 degree celsius. The wind is expected to blow at a speed of 4-6 kmph in the direction north-north-west, north-west-west and west-north-west. Dense fog and cold day condition is likely to occur at isolated places during the upcoming week from 6 to 10 January for which yellow warning has been issued. On 6 and 7 January cold day has been predicted with dense fog have been predicted.

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

Yellow warning has been issued regarding cold days with dense fog on 6 and 7 January and dense fog conditions are likely to continue from 8 to 10 January.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Cold damage in crops so light irrigation should be applied and pest/disease control measures should be used.

General Advisory:

The weather forecast and agrometeorological advisory is regularly updated on the "Meghdoot App" and "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 extended range

forecast system indicates large deficient rainfall, normal maximum and below normal minimum temperature trend.

SMS Advisory:

As per IMD dense fog and cold days have been predicted in the upcoming week so light irrigation should be applied in crops to avoid cold damage.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
CHICK PEA (Vegetative)	Regular monitoring of the crop should be done for hoeing and weeding. Light irrigation should be applied to regulate temperature. Chemical applications against aphid attack should be done only during afternoon hours when leaves are dry.
LENTIL (Vegetative)	Regular monitoring of the crop should be done for hoeing and weeding. Light irrigation should be applied to regulate temperature. Chemical applications against aphid attack should be done only during afternoon hours when leaves are dry.
RAPESEED (Flowering)	In case of late sown rapeseed harvesting should be done at maturity while in case of mustard (Rai) irrigation should be applied at flowering and pod formation. Light irrigation can be applied and chemical applications should be done during afternoon hours when leaves are dry.
WHEAT (Vegetative)	In case of weed emergence in late sown crop, manual weeding and hoeing should be followed or chemical application can be followed along with irrigation application as per requirement. In case of zinc deficiency recommended dose (25-35 kg per hectare) of zinc sulphate spray should be scheduled for the crop and regular monitoring for diseases should be done. Chemical application should be scheduled for afternoon hours when leaves are dry.
BARLEY (Vegetative)	The late sown crop should be monitored for weeding and hoeing and irrigation application as per requirement should be done.
SUGARCANE (Vegetative)	Ratoon and autumn sugarcane should be monitored and appropriate farming operations like water shoot cutting should be done.
BARSEEM (Vegetative)	The crops should be harvested at appropriate time and irrigation should be applied just after harvesting.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
ONION (Vegetative)	The transplanting of onion crop should be completed in manured fields till mid January and light irrigation should be applied to avoid damage due to cold.
VEGETABLE PEA (Vegetative)	Regular hoeing-weeding operations should be done in the crop and light irrigation should be applied to avoid cold damage.
TOMATO (Flowering)	The crop should be regularly monitored for disease transferring insects and controlled with the recommended practices.
POTATO (Vegetative)	Leftover nitrogen application should be done at 30-35 days interval when earthing up operation is followed in the crop. To control the late blight disease in potato, it is advised that solution of Mancozeb@ 2.5g/liter of water should be sprayed.

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 done. Vaccination should be given to the animals to save them from

Live Stock	Live Stock Specific Advisory
	Rinderpest disease (Sheetla rog). The animal feed should be increased by 10% for extra energy requirement.
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). The animal feed should be increased by 10% for extra energy requirement.
GOAT	Keep the delivery chambers of sheep/goats clean and neat.
SHEEP	Keep the delivery chambers of sheep/goats clean and neat.

Likely impacts of weather warnings (General)

Cold damage in vegetable crops and high pest/disease risks in crops.

Impact based advisories (General)

Light irrigation should be applied to avoid cold damage and pest/disease control measures should be used.

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>

