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 : 2026-10-01

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2026-10-01 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-10-02	2026-10-03	2026-10-04	2026-10-05	2026-10-06
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	32.0	33.0	33.0	33.0	33.0
Tmin(°C)	21.0	21.0	21.0	21.0	21.0
RH-I(%)	75	75	74	73	76
RH-II(%)	30	31	32	33	34
Wind Speed(kmph)	3	4	5	6	6
Wind Direction(Degree)	330	320	290	110	160
Cloud Cover(Octa)	1	1	1	1	2
Warning	No Warning	No Warning	No Warning	No Warning	No Warning

Forecast Summary:

During last week (24 to 30 September) 184.8 mm rainfall was recorded and the maximum-minimum temperature ranged between 21.2 to 31.4oC and 19.9 to 23.5oC, respectively. The morning and evening relative humidity ranged between 87-96% and 62-98%, respectively. The wind blew from south, south-east, east, west-south-west and west-north-west direction at a speed ranging 1.0 to 5.3 kmph. The past week experience extremely heavy rainfall on few days last week. The upcoming week predicts no rainfall. The maximum-minimum temperature may vary between 32.0-33.0oC and 21.0oC, respectively. The wind is expected to blow from north-west-north, north-west, west-north-west, east-south-east and south-south-east direction at a speed of 3-6 kmph. The upcoming week shows no warning so the farming operations can be continued as required.

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

No warning issued

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

No significant impact

General Advisory:

The farmers and other related community can download the “Mausam” and "Meghdoot" app for regular weather information, rainfall alerts and crop advisory services. "Damini" app is also available for regular update of lightning data. Meghdoot and Mausam app is now also using crowdsourcing which will help IMD collect data from the farmers and further strengthen forecasting and its application in agricultural operations. All the apps can be easily downloaded from Google Play Store (Android users) and App Centre (iOS users). The extended range forecast shows deficient rainfall, normal maximum and minimum temperature trend during 02.10.2026 to 08.10.2026. The NDVI value shows good to very good agriculture vigour in the district.

SMS Advisory:

As per IMD, no rainfall has been predicted in the upcoming week so irrigation should be applied as required and chemical application can be done on sufficient moisture in the crop fields.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Panicle Initiation)	During current stage common pest is brown plant hopper so farmers can spray Triflumezopyrim 10 SC @235ml/ Fipronil 5 SC @1000 ml/ Buprofezin 25 SC @1 litre mixed in 500 litre water per hectare. The spray should be done near the stem. Buprofezin should be used in case of less infestation, Triflumezopyrim in case of heavy infestation and Fipronil 5 SC in case of stem borer+brown plant hopper attack. The spray can be done in the upcoming week and irrigation should be applied if required.
SUGARCANE (Grand growth)	To prevent prevalent whip smut disease, farmers should remove the infested whips and their groups should be carefully removed and either burned or buried in the soil. The harvested canes should not be kept in the field to avoid infection. Efficient crop rotation or intercropping with Arhar can reduce the infection intensity. Irrigate the crop if required.
MAIZE (Maturity and Harvesting)	The mature cobs should be protected from the spoilage due to birds by taking appropriate farming measures and the mature cobs should be harvested when covered with yellow leaves.
BLACK GRAM (Maturity and Harvesting)	The mature pulse crop should be harvested and should be dried well before storage to avoid spoilage.
GREEN GRAM (Maturity and Harvesting)	The mature pulse crop should be harvested and should be dried well before storage to avoid spoilage.
SOYABEAN (Maturity and Harvesting)	The mature pulse crop should be harvested and should be dried well before storage to avoid spoilage.
PIGEON PEA (RED GRAM/ARHAR) (Pod Development)	On the presence of yellow mosaic virus transmitted by whitefly, pyriproxyfen 10 E.C. @0.5 litre/hectare mixed in 500-600 liters of water should be applied regularly at an interval of 10-12 days. Apply irrigation if required.
GROUNDNUT	On pegging or pod formation sufficient soil moisture should be maintained by irrigating when required. The mature groundnut crop can be harvested and dried well before storage.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CAULIFLOWER (Seedling Growth)	The early varieties should be harvested and sent to the market for consumption. Top-dressing of urea should be done in the mid-varieties and regular practices like weeding, hoeing and irrigation application should be monitored.
RADISH (Germination)	The soil moisture should be maintained in the field and farming operation like weeding-hoeing should be done.
CARROT (Germination)	The soil moisture should be maintained in the field and farming operation like weeding-hoeing should be done.
BEETROOT (Germination)	The soil moisture should be maintained in the field and farming operation like weeding-hoeing should be done.
SPINACH (Germination)	Maintain soil moisture in the crop.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	Vaccination of FMD (Foot and Mouth Disease) should be given to the animals. Green fodder should be given in less quantity to the animals. It is

Live Stock	Live Stock Specific Advisory
	advised that green fodder can be given to the animals by mixing it in dry fodder.
GOAT	In rural areas, 2 shots of tetanus toxide should be administered to goats at one month and the other at 5 months, so that newborn lambs do not get tetanus disease.
SHEEP	In rural areas, 2 shots of tetanus toxide should be administered to sheep at one month and the other at 5 months, so that newborn lambs do not get tetanus disease.

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
HEN	Deworming doses should be given to the poultry birds on the recommendation of veterinarian because worms in the poultry birds lessen the production capacity of eggs.

Likely impacts of weather warnings (General)

No significant impact

Impact based advisories (General)

No 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

