



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 : 2026-09-18

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2026-09-18 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-09-19	2026-09-20	2026-09-21	2026-09-22	2026-09-23
Rainfall(mm)	1.0	0.0	0.0	0.0	0.0
Tmax(°C)	33.0	34.0	34.0	34.0	34.0
Tmin(°C)	24.0	25.0	25.0	25.0	25.0
RH-I(%)	80	80	75	70	73
RH-II(%)	50	45	45	40	35
Wind Speed(kmph)	3	5	5	4	5
Wind Direction(Degree)	275	280	290	300	310
Cloud Cover(Octa)	3	0	0	0	0
Warning	No Warning	No Warning	No Warning	No Warning	No Warning

Forecast Summary:

During last week (11 to 17 September) 36.4 mm rainfall was recorded and the maximum-minimum temperature ranged between 31.0 to 33.6°C and 21.4 to 25.9°C, respectively. The morning and evening relative humidity ranged between 86-95% and 65-77%, respectively. The wind blew from east-north-east, south-south-east, east-south-east, west and west-north-west direction at a speed ranging 0.7 to 7.8 kmph. The weather was humid and hot on most days last week. The upcoming week predicts no rainfall and maximum-minimum temperature varying between 33.0-34.0°C and 24.0-25.0°C, respectively. The wind is expected to blow from west, west-north, west-north-west, north-west-west and north-west direction at a speed of 3-5 kmph. No warning has been issued for the upcoming week.

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 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 large deficient rainfall, normal maximum and minimum temperature trend during 18.09.2026 to 24.09.2026. The NDVI value shows good to very good agriculture vigour in the district.

SMS Advisory:

The upcoming week shows no rainfall as per IMD prediction so irrigation should be applied and any chemical application should also be scheduled for the following week.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Panicle Initiation)	Apply irrigation only if required. On occurrence of bacterial blight symptoms, 15 grams streptocycline with 500 grams of copper oxychloride should be mixed in 1000 litres of water per hectare while in case of stem borer above economic threshold level (ETL) chlorantraniliprole 20 SC @150ml/ha or Fipronil 5 SC @ 1.0 lit or 600 g Cartap hydrochloride 50 WP in 500-600 lit of water /ha should be sprayed. Cartap hydrochloride 50 WP in 500-600 lit of water /ha should be sprayed. On occurrence of common pest i.e. brown plant hopper farmers need to spray Fipronil 5 SC @1000 ml/ Thiamethoxam 25 WSG @100gm mixed in 500 litre water per hectare. All the chemical sprays should be done during clear weather conditions.
SUGARCANE (Grand growth)	The most prevalent red rot disease symptoms may appear which occurs after monsoon season and continues to persist till harvesting. For this the farmers need to keep their fields clean. The infested canes should be plucked from the root and burned to stop further spread. Complete destruction of infected canes and use of treated seeds are the best preventive measures. As per the requirement, the three stalks of two lines should be tied together (scissors tied). In case of white grub infestation Fipronil 40 percent and Imidacloprid 40 percent WG@200g/acre should be applied in the field by dissolving it in 500 liters of water.
MAIZE (Vegetative)	As the cobs start filling, irrigation should be applied as per requirement to maintain soil moisture. On occurrence of pest infestation appropriate farming measures should be taken. In case of fall army worm attack in the plain regions, Chlorantraniliprole 18.5 SC @0.4ml/l of water should be applied. Apply Mancozeb or Zineb 75 WP @ 1.5 -2.0 kg in 750- 800 litres of water per hectare on occurrence of blight. Second spraying should be done at 10-15 days interval. The early maize varieties should be harvested on maturity.
BLACK GRAM (Vegetative)	On occurrence of yellow mosaic virus which is transferred by white fly, apply pyriproxyfen 10 E.C. @0.5 litre / ha mixed in 500-600 litre of water at 10-12 days interval.
GREEN GRAM (Vegetative)	On occurrence of yellow mosaic virus which is transferred by white fly, apply pyriproxyfen 10 E.C. @0.5 litre / ha mixed in 500-600 litre of water at 10-12 days interval.
SOYABEAN (Pod Development)	Sufficient soil moisture should be maintained on flower/pod formation so apply irrigation if required. On occurrence of yellow mosaic virus which is transferred by white fly, apply pyriproxyfen 10 E.C. @0.5 litre / ha mixed in 500-600 litre of water at 10-12 days interval.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CAULIFLOWER (Transplanting)	Four to six weeks after transplanting, light hoeing should be done and soil should be applied to the roots. Active Ingredient fluchlorolin @1.0 kg/ha should be applied for chemical weed control one day before planting.
RADISH (Germination)	In radish crop maintain soil moisture and apply irrigation as per requirement. Light irrigation should be given just after sowing and second irrigation on appearance of 3-4 leaves.
CARROT (Germination)	After germination regular weeding should be done and plant to plant distance should be maintained at 6-10 cm. Apply irrigation if required.
BEETROOT (Germination)	When there is sufficient moisture after sowing, first irrigation should be done after thinning.
SPINACH (Germination)	Soil moisture should be maintained in the crop.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	After 15 days calves should be fed with calcium, magnesium, phosphorus, zinc, iron, iodine and copper elements should be consumed in the form of salt mixture or mineral drops.
BUFFALO	To prevent 'footrot' disease, hooves should be dipped in 10% formalin solution or 5% blue solution for 2-3 minutes in the morning and evening for at least 3 days.
GOAT	In rural areas, 2 shots of tetanus toxoid 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 toxoid should be administered to sheep at one month and the other at 5 months, so that newborn lambs do not get tetanus disease.

Likely impacts of weather warnings (General)

No 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>