



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 : 2026-09-03

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2026-09-03 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-09-04	2026-09-05	2026-09-06	2026-09-07	2026-09-08
Rainfall(mm)	19.0	13.0	30.0	13.9	5.0
Tmax(°C)	32.0	31.0	28.0	30.0	31.2
Tmin(°C)	24.9	25.0	24.9	24.7	25.1
RH-I(%)	91	92	92	90	89
RH-II(%)	66	75	75	66	68
Wind Speed(kmph)	5	6	6	3	2
Wind Direction(Degree)	90	140	140	80	90
Cloud Cover(Octa)	5	7	7	6	5
Warning	Heavy Rain; Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc

Forecast Summary:

During last week (27 August to 02 September) 190 mm rainfall was recorded and the maximum-minimum temperature ranged between 26.8 to 34.2oC and 24.0 to 27.0oC, respectively. The morning and evening relative humidity ranged between 91-98% and 66-95%, respectively. The wind blew from east-north-east, west, west-north-west, east-south-east, north-north-east and north direction at a speed ranging 0.5-3.0 kmph. The weather was wet on most days last week. The upcoming week predicts moderate to heavy rainfall of 14-30 mm or more and maximum-minimum temperature varying between 28.0-32.0oC and 24.7-25.1oC, respectively. The wind is expected to blow from east, east-north and south-east direction at a speed of 5-7 kmph. Yellow warning has been issued regarding the occurrence of heavy rainfall accompanied by thunderstorms, lightning and squall on 03 and 05 September while yellow warnings for thunderstorm, lightning, squall has been given for 4, 6 and 7 September.

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

Yellow warning regarding heavy rainfall, thunderstorms, lightning, squalls.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Water logging, disruption in regular farming activities. Maintain proper drainage in the field and any chemical spray should be scheduled for other days leaving those with heavy rainfall predictions.

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 normal rainfall, maximum and minimum temperature trend during 04.09.2026 to 10.09.2026. The NDVI value shows moderate to good agriculture vigour in the district.

SMS Advisory:

As per IMD, heavy rainfall is expected on few days in the upcoming week so proper drainage should be maintained in the crop and any chemical spray should be scheduled for other clear weather days.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Panicle Initiation)	As the crop would now observe initiation of panicle formation during which top dressing of urea has to be done on presence of appropriate moisture. Bacterial blight disease would be prevalent on the crop so to prevent the disease from spreading proper drainage measures should be taken and water logging conditions should be avoided. Avoid top dressing of urea in case of heavy infestation. In case of occurrence of excessive disease, 15 grams of streptomycin + 500 grams of copper oxychloride mixed in 1000 liters of water per hectare may be applied. In case of stem borer attack and their presence above ETL, chlorantraniliprole 20 SC @150ml/ha or Fipronil 5 SC @ 1.0 lit or 600 g Cartap hydrochloride 50 WP or 2.5 lit of Chlorpyrifos 20 EC in 500-600 lit of water /ha should be sprayed under clear weather conditions. On the occurrence of common pest i.e. brown plant hopper farmers need to spray Triflumezopyrim 10 SC @235ml/ Fipronil 5 SC @1000 ml/Buprofezin 25 SC @1 litre/ Thiamethoxam 25 WSG @100gm 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. ALL THE CHEMICAL SPRAYS SHOULD BE SCHEDULED DURING CLEAR WEATHER DAYS.
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 during clear weather days. 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. THE CHEMICAL SPRAY MUST BE SCHEDULED DURING CLEAR WEATHER DAYS.
MAIZE (Vegetative)	As the cobs start filling seeds, proper moisture should be maintained in the field. 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 (Yellow or brown coloured egg ship shaped spots). Second spraying should be done at 10-15 days interval. ALL THE CHEMICAL SPRAY SHOULD BE SCHEDULED DURING CLEAR WEATHER CONDITIONS.
SOYABEAN (Seedling Growth)	Maintain proper drainage.
BLACK GRAM (Vegetative)	The weeding operation should be done when there is sufficient moisture in the field. Maintain drainage.
GREEN GRAM (Vegetative)	The weeding operation should be done when there is sufficient moisture in the field. Maintain drainage.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CAULIFLOWER (Transplanting)	The 4-6 weeks old seedlings with 4-6 leaf stage of cauliflower can be transplanted in this month. Proper drainage should be maintained in the field to avoid spoilage. All the farming operations should be scheduled for clear weather days.
CABBAGE (Transplanting)	The 4-6 weeks old seedlings with 4-6 leaf stage of cabbage can be transplanted in this month. Proper drainage should be maintained in the field to avoid spoilage. All the farming operations should be scheduled for clear weather days.
KNOL KHOL (Transplanting)	The 4-6 weeks old seedlings with 4-6 leaf stage of knol-khol can be transplanted in this month. Proper drainage should be maintained in the field to avoid spoilage. All the farming operations should be scheduled for clear weather days.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	The milk of female calves should be weaned from the mother only after six months, so that their physical development can take place in a good way. The shed should be maintained well with proper protection against heavy rains and proper drainage should be provided to avoid disease spread.
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. The shed should be maintained well with proper protection against heavy rains and proper drainage should be provided to avoid disease spread.

Likely impacts of weather warnings (General)

Disruption in routine activities, accidents, flood on roads, spread of viral and bacterial diseases

Impact based advisories (General)

Avoid unnecessary travel, drive carefully, keep surroundings clean to avoid disease spread.

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>