



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 : 2025-09-04

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-09-04 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-09-05	2025-09-06	2025-09-07	2025-09-08	2025-09-09
Rainfall(mm)	5.0	10.0	10.0	10.0	20.0
Tmax(°C)	34.0	34.0	34.0	34.0	34.0
Tmin(°C)	25.0	25.0	25.0	25.0	25.0
RH-I(%)	89	86	87	88	89
RH-II(%)	90	85	90	90	90
Wind Speed(kmph)	4	7	7	4	3
Wind Direction(Degree)	100	110	120	160	100
Cloud Cover(Octa)	6	7	8	8	7
Warning	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc

Forecast Summary:

Last week (28 August to 3 September), the region experienced 320.4 mm rainfall with the maximum-minimum temperature varying between 25.2 to 34.0°C and 23.4 to 26.0°C, respectively. The morning and evening relative humidity varied between 76-98% and 69-93%, respectively while the wind blew from east-south-east, east, south-south-east and east-south direction at a speed ranging 4.6-9.0 kmph. Most of the days were rainy days last week. The upcoming forecast shows very light to moderate rainfall of 5-20 mm and maximum-minimum temperature are expected to be 34.0°C and 25.0°C, respectively. The wind is expected to blow from east-south, east-south-east, south-east-east and south-south-east direction at a speed of 3-7 kmph. Yellow warning has been given regarding the occurrence of thunderstorms/lightning, intense rain spell during the upcoming week.

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

Yellow warning regarding thunderstorm/lightning and intense rain spell at isolated places.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

No extreme damage is expected under warning. However proper drainage should be maintained to avoid water logging.

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). The extended range forecast shows normal rainfall, normal maximum temperature and above normal minimum temperature trend during 05.09.2025 to 11.09.2025.

SMS Advisory:

As per IMD warning, regular farming activities should be continued and spraying against disease/pest should be done to avoid yield loss.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Panicle Initiation)	The crop would now observe initiation of panicle formation during which top dressing of urea has to be done on presence of appropriate moisture and drainage should be maintained in the field. 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. Along with this, nitrogen application should be stopped and in case of occurrence of excessive disease, 15 grams of streptocycline + 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 or days when light rainfall is expected. 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 sprays should be avoided under strong windy 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. The spray should be avoided under strong windy conditions.
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. Incase 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 sprays should be avoided under strong windy conditions.
BLACK GRAM (Vegetative)	Weeding operation should be taken up in the last month sown crop and proper moisture should be maintained in the field as per the requirement of the crop.
GREEN GRAM (Vegetative)	Weeding operation should be taken up in the last month sown crop and proper moisture should be maintained in the field as per the requirement of the crop.
SOYABEAN (Pod Development)	Proper moisture should be maintained in the field as the crop is entering pod development stage.
GROUNDNUT (Vegetative)	In tikka disease, light brown circular spots are formed on the leaves, around which there are yellow circles on the lower surface. For its treatment, Chlorothalonil 2 kg/ Mancozeb 80% 2 kg/ Propiconazole 25 EC 500 ml dissolved in 800 to 1000 litres per hectare should be sprayed 2-3 times at an interval of 10-12 days.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CAULIFLOWER (Transplanting)	The 4-6 weeks old seedlings with 4-6 leaf stage of cauliflower, cabbage and knol-khol can be transplanted in this month. Proper drainage should be maintained in the field to avoid spoilage.
RADISH (Sowing)	The european varieties of radish , asian and european varieties of carrot and beetroot varieties can be sown during this month.
CHILLI (Maturity and Harvesting)	On drying of the upper stipe of chilly crop and if it is turning black, then infected branches should be removed by plucking to save the crop. To save the crop from rotting spray 0.1% Carbendazim solution under clear or light rainfall weather conditions. Proper drainage should be maintained in the field and spray under strong windy conditions should be avoided.
PAPAYA (Harvesting)	On the occurrence of collar rot disease in papaya, application of Metalaxyl + Mancozeb (Ridomil Gold) @ 2g/lit water has been found very effective. Spray may be repeated at 10 days interval. The spray should be avoided under strong windy conditions.

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)

No extreme impacts would be observed.

Impact based advisories (General)

No extreme impact. However proper drainage and moisture should be maintained in the field and avoid spraying under strong winds.
--

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