



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 : 2025-09-09

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

Parameter	2025-09-10	2025-09-11	2025-09-12	2025-09-13	2025-09-14
Rainfall(mm)	5.0	5.0	20.0	30.0	25.0
Tmax(°C)	35.0	36.0	36.0	35.0	35.0
Tmin(°C)	24.0	25.0	25.0	25.2	25.2
RH-I(%)	90	93	92	88	88
RH-II(%)	60	66	67	65	64
Wind Speed(kmph)	4	7	7	4	3
Wind Direction(Degree)	300	288	276	160	100
Cloud Cover(Octa)	5	6	6	8	8
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 (2 to 8 September), the region experienced 90.4 mm rainfall with the maximum-minimum temperature varying between 25.2 to 34.0°C and 23.4 to 25.5°C, respectively. The morning and evening relative humidity varied between 76-92% and 61-88%, respectively while the wind blew from east-north-east, east, south-east and west direction at a speed ranging 2.6-9.0 kmph. Few days were rainy days last week but thunderstorm activities were observed on most of the days. The upcoming forecast shows very light to moderate rainfall of 5-30 mm and maximum-minimum temperature are expected to be 35.0 to 36.0°C and 24.0 to 25.2°C, respectively. The wind is expected to blow from north-west-west, west-north-west, south-south-east and east-south 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 at isolated places.

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

Yellow warning has been given regarding the occurrence of thunderstorm/lightning, intense rain spell at isolated places.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

No extreme farming disruptions due to predicted warnings.

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, maximum-minimum temperature trend during 05.09.2025 to 11.09.2025.

SMS Advisory:

As per IMD, no heavy rainfall days have been predicted so all the regular farming activities should be continued and proper drainage should be maintained in the field in case of intense rain spell.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Panicle Initiation)	The chemical spray against bacterial blight disease and insects like brown plant hopper and stem borer should be done as required and as the crop is entering panicle initiation so top dressing of urea should be done in the presence of appropriate moisture in the field. Sprays should be avoided under strong winds and proper drainage should be maintained in case of intense rain spell. Avoid water logged conditions.
SUGARCANE (Grand growth)	Sufficient soil should be applied to the roots of sugarcane and as no heavy rainfall has been predicted so other farming operations like tying of the crop at good growth stage should be done at a height of 5 feet. Water logging should be avoided and apply irrigation as required by the crop.
MAIZE (Vegetative)	Proper moisture should be maintained in the field and irrigation should be applied as required. Crop should be monitored for disease/pest occurrence and chemical application against blight and fall army worm attack should be done under clear weather conditions and avoided under strong winds.
BLACK GRAM (Vegetative)	Weeding operation should be taken up in the last month sown crop and irrigation should be applied as per the requirement of the crop.
GREEN GRAM (Vegetative)	Weeding operation should be taken up in the last month sown crop and irrigation should be applied as per the requirement of the crop.
SOYABEAN (Pod Development)	Proper moisture should be maintained in the field by irrigation application as and when required.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CAULIFLOWER (Transplanting)	The transplanting operation should be done and irrigation should be applied as and when required. Avoid water logging.
RADISH (Sowing)	The sowing operation should be continued and irrigation should be applied as required by the crop.
SPINACH (Sowing)	The sowing of the crop should be done.
PUMPKIN (Maturity and Harvesting)	The harvested produce should be sent for sale or stored properly to avoid spoilage.

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
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 sheep and goats at one month and the other at 5 months, so that newborn lambs do not get tetanus disease.

Live Stock	Live Stock Specific Advisory
SHEEP	In rural areas, 2 shots of tetanus toxoid should be administered to sheep and goats 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 extreme impact of predicted weather conditions.

Impact based advisories (General)

No impact.

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