



**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 : 2025-09-12

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-09-12 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-09-13	2025-09-14	2025-09-15	2025-09-16	2025-09-17
Rainfall(mm)	10.0	15.0	15.0	18.0	20.0
Tmax(°C)	32.0	32.0	33.0	33.0	34.0
Tmin(°C)	26.0	26.0	26.0	27.0	27.0
RH-I(%)	91	88	89	90	88
RH-II(%)	66	66	63	61	62
Wind Speed(kmph)	2	4	3	3	6
Wind Direction(Degree)	140	160	50	100	170
Cloud Cover(Octa)	7	6	5	5	4
Warning	Heavy Rain; Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc

### Forecast Summary:

Last week (5 to 11 September), the region experienced no rainfall with the maximum-minimum temperature varying between 32.4 to 34.0°C and 24.8 to 26.5°C, respectively. The morning and evening relative humidity varied between 83-92% and 67-72%, respectively while the wind blew from east, east-north-east, south-east, west and west-north-west direction at a speed ranging 1.6-8.6 kmph. No significant amount of rainfall occurred last week. The upcoming forecast shows very light to light rainfall of 10-20 mm and maximum-minimum temperature are expected to be 32.0 to 34.0°C and 26.0 to 27.0°C, respectively. The wind is expected to blow from south-east, south-south-east, north-east, east-south and south-east direction at a speed of 2-6 kmph. Yellow warning has been issued regarding the occurrence of rainfall, thunderstorm/lightning at most of the places from 12 to 16 September.

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

Yellow warning has been issued regarding rainfall with thunderstorm/lightning on few days.

### Likely impacts of weather warnings on Agriculture and associated Agromet advisories

No significant impact and avoid any spray under strong winds.

### 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 12.09.2025 to 18.09.2025.

### SMS Advisory:

As per IMD forecast, no significant rainfall warning is there so sowing and other farming operations can be scheduled.

### Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Panicle Initiation)	Prevent water logging in the field after irrigation application. The disease and pest control should be done with recommended chemicals under light rainfall conditions. 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.
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. Apply irrigation if required by the crop.
MAIZE (Vegetative )	Proper moisture should be maintained in the field and irrigation should be applied if required. Crop should be monitored for disease/pest occurrence and chemical application against blight and fall army worm attack should be done under clear or light rainfall conditions. The sprays should be avoided under strong winds.
BLACK GRAM (Vegetative )	The weather is expected to remain clear with light rainfall conditions so regular farming operations like weeding and hoeing should be taken up and irrigation should be applied as per the crop requirement.
GREEN GRAM (Vegetative )	The weather is expected to remain clear with light rainfall conditions so regular farming operations like weeding and hoeing should be taken up and irrigation should be applied as per the crop requirement.
SOYABEAN (Pod Development)	As the crop is entering pod development stage so proper moisture should be maintained in the crop so irrigation should be applied if required.

### Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CAULIFLOWER (Transplanting)	The transplantation of fresh seedlings should be done and irrigation should be applied if required.
RADISH (Sowing)	The sowing operation should be continued and irrigation should be applied after sowing if required by the crop.
SPINACH (Sowing)	The sowing operation should be continued and irrigation should be applied after sowing if required by the crop.
PUMPKIN (Maturity and Harvesting)	In cucurbitaceous crop, the harvested produce should be stored well or sent for sale.

### 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 animals should be protected from intense rain and storm.
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 animals should be protected from intense rain and storm.
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. The animals should be protected from intense rain and storm.

Live Stock	Live Stock Specific Advisory
SHEEP	In rural areas, 2 shots of tetanus toxide 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. The animals should be protected from intense rain and storm.

**Likely impacts of weather warnings (General)**

No significant impact.

**Impact based advisories (General)**

If strong winds exist then avoid any kind of spray.

**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>**