



**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 : 2026-08-25

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2026-08-25 (Valid Till 08:30 IST of the next 5 days)

| Parameter              | 2026-08-26                            | 2026-08-27                            | 2026-08-28 | 2026-08-29 | 2026-08-30 |
|------------------------|---------------------------------------|---------------------------------------|------------|------------|------------|
| Rainfall(mm)           | 7.0                                   | 6.0                                   | 5.0        | 6.0        | 5.0        |
| Tmax(°C)               | 34.0                                  | 34.0                                  | 34.0       | 35.0       | 35.0       |
| Tmin(°C)               | 25.0                                  | 25.0                                  | 25.0       | 25.0       | 25.0       |
| RH-I(%)                | 90                                    | 90                                    | 90         | 90         | 90         |
| RH-II(%)               | 60                                    | 70                                    | 60         | 60         | 60         |
| Wind Speed(kmph)       | 3                                     | 5                                     | 7          | 7          | 4          |
| Wind Direction(Degree) | 110                                   | 100                                   | 120        | 140        | 130        |
| Cloud Cover(Octa)      | 5                                     | 5                                     | 5          | 5          | 5          |
| Warning                | Thunderstorms & Lightning, Squall etc | Thunderstorms & Lightning, Squall etc | No Warning | No Warning | No Warning |

### Forecast Summary:

During last week (18-24 August) 126.8 mm rainfall was recorded and the maximum-minimum temperature ranged between 29.5 to 34.6oC and 24.0 to 26.9oC, respectively. The morning and evening relative humidity ranged between 90-95% and 66-89%, respectively. The wind blew from north-north east, west, west-south-west, north-north-east, west-north-west and east-south-east direction at a speed ranging 0.7-4.5 kmph. The weather was hot, humid and wet on most days last week. The upcoming week predicts very light to light rainfall of 5-7 mm and maximum-minimum temperature varying between 34.0-35.0oC and 25.0oC, respectively. The wind is expected to blow from east-south-east, east-south, south-east-east, south-east-south and south-east direction at a speed of 5-7 kmph. Yellow warning has been issued regarding the occurrence of thunderstorms, lightning and squall from 25 to 29 August while no warning has been issued for other days. Light rainfall has been predicted for the upcoming week at isolated places.

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

Yellow warning regarding the occurrence of thunderstorm, lightning, squall

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

Waterlogging, damage to fresh seedlings. Maintain proper drainage in the field and schedule the chemical sprays against pest and diseases when the weather is expected to remain clear. Re-sowing operation should be done in the freshly germinated crops if the fresh seedlings are damaged due to rains.

### 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 deficient rainfall and normal maximum and minimum temperature trend during 28.08.2026 to 03.09.2026. The NDVI value shows moderate to good agriculture vigour in the district.

### SMS Advisory:

As per IMD, yellow warning has been issued for very light to light rainfall, thunderstorms and squalls so the chemical application should be postponed for the time being and scheduled for clear days.

### Crop Specific Advisory:

| Crop (Stage)                 | Crop Specific Advisory                                                                                                                              |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| RICE (Vegetative )           | The chemical spray against bacterial blight occurrence should be scheduled for clear weather days. Maintain proper drainage in the field.           |
| MAIZE (Vegetative )          | Monitor the crop for disease/pest occurrence and kind of chemical spray should be postponed and scheduled for clear weather days.                   |
| BLACK GRAM (Seedling Growth) | Proper drainage should be maintained in the field and any farming practices like weeding operation should be scheduled for clear weather condition. |
| GREEN GRAM (Seedling Growth) | Proper drainage should be maintained in the field and any farming practices like weeding operation should be scheduled for clear weather condition. |
| SOYABEAN (Seedling Growth)   | Proper drainage should be maintained in the crop field and in case the seedling growth get spoiled due to rains go for re-sowing operation.         |
| SUGARCANE (Grand growth)     | Proper drainage should be maintained in the field and in case of pest occurrence the spray should be scheduled for clear weather days.              |
| GROUNDNUT (Vegetative )      | The weedicide application should be done during clear weather days and proper drainage should be maintained in the field.                           |

### Horticulture Specific Advisory:

| Horticulture (Stage)                   | Horticulture Specific Advisory                                                                                                                                                          |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAULIFLOWER (Transplanting)            | The transplantation of mid season varieties should be done under clear weather conditions and regular weeding operations in early varieties should be scheduled for clear weather days. |
| PUMPKIN (Maturity and Harvesting)      | Ripened pumpkin crop should be stored well or should be immediately sent for sale and any chemical spray should be scheduled for the clear weather days.                                |
| BOTTLE GOURD (Maturity and Harvesting) | Ripened bottle gourd crop should be stored well or should be immediately sent for sale and any chemical spray should be scheduled for the clear weather days.                           |

### Live Stock Specific Advisory:

| Live Stock | Live Stock Specific Advisory                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BUFFALO    | Water supplied to livestock should be regularly tested to prevent water-borne diseases. To avoid this use antibacterial drugs like red drug in 1:1000 ratio in stored water. Bleaching powder/chlorine can also be used. 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. To save the animal from Gal-Ghotu disease, tie them in neat and clean places. When symptoms of Gal-Ghotu disease appeared in the animals, then inject Suphonamides like Sulphamethazine or Sulphadimidne 150mg/Kg in the veins of animal for three days with the advice of Veterinarian. |
| COW        | Water supplied to livestock should be regularly tested to prevent water-borne diseases. To avoid this use antibacterial drugs like red drug in 1:1000 ratio in stored water. Bleaching powder/chlorine can also be used. To prevent 'footrot'                                                                                                                                                                                                                                                                                                                                                                                                                                        |

| Live Stock | Live Stock Specific Advisory                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
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#### Likely impacts of weather warnings (General)

Disruption in farming and regular routine activities. Accidents due to potholes. Occurrence of viral and bacterial diseases.

#### Impact based advisories (General)

Avoid unnecessary travel and follow weather forecast for any travel plan. Keep surroundings clean and maintain immune system to avoid occurrence of diseases.

**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>**