



**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 : 2026-09-29**

**Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2026-09-29 (Valid Till 08:30 IST of the next 5 days)**

| Parameter              | 2026-09-30 | 2026-10-01 | 2026-10-02 | 2026-10-03 | 2026-10-04 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm)           | 0.2        | 0.1        | 0.3        | 0.2        | 0.5        |
| Tmax(°C)               | 30.0       | 31.0       | 31.0       | 32.0       | 32.0       |
| Tmin(°C)               | 20.0       | 20.0       | 21.0       | 21.0       | 21.0       |
| RH-I(%)                | 90         | 85         | 86         | 93         | 91         |
| RH-II(%)               | 66         | 60         | 56         | 50         | 59         |
| Wind Speed(kmph)       | 4          | 3          | 3          | 4          | 4          |
| Wind Direction(Degree) | 280        | 300        | 310        | 330        | 290        |
| Cloud Cover(Octa)      | 1          | 1          | 1          | 1          | 1          |
| Warning                | No Warning | No Warning | No Warning | No Warning | No Warning |

### **Forecast Summary:**

During last week (22 to 28 September) 184.8 mm rainfall was recorded and the maximum-minimum temperature ranged between 21.2 to 34.6oC and 19.9 to 25.4oC, respectively. The morning and evening relative humidity ranged between 87-100% and 57-98%, respectively. The wind blew from north-north-west, west-south-west, south, south-east, north-west, east and south-south-east direction at a speed ranging 1.7 to 5.3 kmph. The past week experience extremely heavy rainfall on few days last week. The upcoming week predicts almost no rainfall or light drizzle of 0-1 mm at isolated places. The maximum-minimum temperature may vary between 30.0-32.0oC and 20.0-21.0oC, respectively. The wind is expected to blow from west-north, north-west-west, north-west, north-west-north and west-north-west direction at a speed of 3-4 kmph. The upcoming week shows no warning so the farming operations can be continued as required.

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

No warning

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

No significant impact

### **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 large excess rainfall, normal maximum

and minimum temperature trend during 25.09.2026 to 01.10.2026. The NDVI value shows good to very good agriculture vigour in the district.

### SMS Advisory:

As per IMD, no rainfall has been predicted so the farming operations should be scheduled as per requirement and any chemical application can be done.

### Crop Specific Advisory:

| Crop (Stage)                        | Crop Specific Advisory                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RICE (Panicke Initiation)           | On occurrence of common pest i.e. brown plant hopper, farmers need to spray Triflumezopyrim 10 SC @235ml/ Fipronil 5 SC @1000 ml 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 farming operations and applications should be done when the soil contains optimum moisture. |
| SUGARCANE (Grand growth)            | In case of occurrence of red rot disease, complete destruction of infected canes is required and farmers should keep the field clean.                                                                                                                                                                                                                                                                                                                                                     |
| MAIZE (Vegetative )                 | In case of fall army worm attack, Chlorantraniliprole 18.5 SC @0.4ml/l of water should be applied while application of Mancozeb or Zineb 75 WP @5 2. 0 kg in 750- 800 litres of water per hectare should be done on occurrence of blight and second spraying should be done at 10-15 days interval. The harvested produce for early varieties should be stored well after drying. All the farming operations and applications should be done when the soil contains optimum moisture.     |
| BLACK GRAM (Flowering)              | On occurrence of yellow mosaic virus transferred by white fly, apply pyriproxyfen 10 E.C. @0.5 litre / ha mixed in 500-600 litre of water at 10-12 days interval. All the farming operations and applications should be done when the soil contains optimum moisture.                                                                                                                                                                                                                     |
| GREEN GRAM (Flowering)              | On occurrence of yellow mosaic virus transferred by white fly, apply pyriproxyfen 10 E.C. @0.5 litre / ha mixed in 500-600 litre of water at 10-12 days interval. All the farming operations and applications should be done when the soil contains optimum moisture.                                                                                                                                                                                                                     |
| SOYABEAN (Pod Development)          | On occurrence of yellow mosaic virus which is transferred by white fly, apply pyriproxyfen 10 E.C. @0.5 litre / ha mixed in 500-600 litre of water at 10-12 days interval. All the applications should be done when there is sufficient moisture in the soil.                                                                                                                                                                                                                             |
| GROUNDNUT (Pod Development)         | For treatment of tikka disease, Chlorothalonil @2 kg/ha or Mancozeb 80% @2 kg/ha or 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. All the applications should be done when there is sufficient moisture in the soil.                                                                                                                                                                                 |
| SESAME (GINGELLY/TIL) (Vegetative ) | Phyllody is caused by phytoplasma that changes the shape of plants, flowers and leaves to bunch and is spread by plant hopper. This can be prevented by application of Methyl-o-Demeton 25 E.C. @1.0 l/ha at an interval of 10-15 days and burning of the affected plants. All the applications should be done when there is sufficient moisture in the soil.                                                                                                                             |

### Horticulture Specific Advisory:

| Horticulture (Stage)      | Horticulture Specific Advisory                                                                                                                                                                                                      |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAULIFLOWER (Vegetative ) | The early varieties should be harvested and sent to the market for consumption. Top-dressing of urea should be done in the mid-varieties and regular practices like weeding, hoeing and irrigation application should be monitored. |
| RADISH (Sowing)           | The regular farming activities like weeding-hoeing in already sown crop and sowing operation should be done when there is sufficient moisture in the field.                                                                         |
| CARROT (Sowing)           | The regular farming activities like weeding-hoeing in already sown crop and sowing operation should be done when there is sufficient moisture in the                                                                                |

| Horticulture (Stage) | Horticulture Specific Advisory                                                                                                                              |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                      | field.                                                                                                                                                      |
| BEETROOT (Sowing)    | The regular farming activities like weeding-hoeing in already sown crop and sowing operation should be done when there is sufficient moisture in the field. |
| SPINACH (Sowing)     | Sowing should be done when there is optimum moisture in the field.                                                                                          |
| FENUGREEK (Sowing)   | Sowing should be done when there is optimum moisture in the field.                                                                                          |

#### Live Stock Specific Advisory:

| Live Stock | Live Stock Specific Advisory                                                                                                                                                                                                      |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BUFFALO    | Vaccination of FMD (Foot and Mouth Disease) should be given to the animals. Green fodder should be given in less quantity to the animals. It is advised that green fodder can be given to the animals by mixing it in dry fodder. |
| GOAT       | In rural areas, 2 shots of tetanus toxoid should be administered to goats at one month and the other at 5 months, so that newborn lambs do not get tetanus disease.                                                               |
| SHEEP      | In rural areas, 2 shots of tetanus toxoid should be administered to sheep at one month and the other at 5 months, so that newborn lambs do not get tetanus disease.                                                               |

#### Poultry Specific Advisory:

| Poultry | Poultry Specific Advisory                                                                                                                                             |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HEN     | Deworming doses should be given to the poultry birds on the recommendation of veterinarian because worms in the poultry birds lessen the production capacity of eggs. |

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

|            |
|------------|
| No warning |
|------------|

#### Impact based advisories (General)

|             |
|-------------|
| No advisory |
|-------------|

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](https://play.google.com/store/apps/details/)

Damini MobileApp link : [https://play.google.com/store/apps/details](https://play.google.com/store/apps/details/)