



**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 : 2025-09-26**

**Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-09-26 (Valid Till 08:30 IST of the next 5 days)**

Parameter	2025-09-27	2025-09-28	2025-09-29	2025-09-30	2025-10-01
Rainfall(mm)	1.0	1.0	1.0	1.0	1.0
Tmax(°C)	35.0	36.0	36.0	35.0	35.0
Tmin(°C)	24.0	24.0	24.0	23.0	23.0
RH-I(%)	85	82	84	83	80
RH-II(%)	65	68	69	66	68
Wind Speed(kmph)	4	4	4	4	3
Wind Direction(Degree)	10	60	30	10	60
Cloud Cover(Octa)	2	2	1	1	0
Warning	No Warning	No Warning	No Warning	No Warning	No Warning

### **Forecast Summary:**

Last week (September 19-25), the region received 1.2 mm of rainfall, and maximum and minimum temperatures ranged from 31.4 to 34.2°C and 24.4 to 25.9°C, respectively. Morning and evening relative humidity ranged from 90-93% and 60-75%, respectively, with winds blowing from the south-southwest, southwest, west-northwest, west-southwest, and east-southeast at speeds of 1.5-3.7 km/h. The weather remained clear last week. The forecast for the upcoming week calls for light drizzle of 1 mm, and maximum and minimum temperatures are expected to be 35.0-36.0°C and 23.0 to 24.0°C, respectively. Winds are expected to blow from the northeast, northeast-east, and northeast-northeast directions at speeds of 3-4 km/h. No warning has been issued for this region.

### **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 impact.

### **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 large deficient rainfall and normal maximum-minimum temperature trend during 26.09.2025 to 02.10.2025

### **SMS Advisory:**

As per IMD, no warning has been issued and no rainfall has been predicted so irrigation should be applied as required.

### Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Flowering)	In case of common pests like brown planthopper infestation, farmers should spray Triflumezopyrim 10 SC 235 ml / Fipronil 5 SC 1000 ml / Buprofezin 25 SC 1 litre / Thiamethoxam 25 WSG 100 gm mixed in 500 litres of water per hectare. Spraying should be done near the stem. In case of less infestation, Buprofezin should be used, in case of more infestation, Triflumezopyrim and in case of stem borer + brown planthopper infestation, Fipronil 5 SC should be used. The crop should be irrigated as per requirement.
SUGARCANE (Grand growth)	To prevent prevalent red rot disease, 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.
SUGARCANE (Sowing)	Autumn sugarcane sowing should be done by soaking sugarcane seeds treated with carbendazim 50% WP 0.1% solution for 10 minutes. For autumn sowing, the lower 2/3 of the sugarcane stalk is used.
MAIZE (Vegetative )	Prevent pest attacks through appropriate cultural practices. In case of fall armyworm infestation, apply chlorantraniliprole 18.5 SC at 0.4 ml/L of water. Repeat the spraying after 10-15 days. Store the harvested crop properly and plan for autumn sowing.
BLACK GRAM (Vegetative )	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. Irrigate the crop as required.
GREEN GRAM (Vegetative )	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. Irrigate the crop as required.
SOYABEAN (Vegetative )	Sufficient soil moisture should be maintained on flower/pod formation. 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.
GROUNDNUT (Vegetative )	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. On pegging or pod formation sufficient soil moisture should be maintained by irrigating as and when required.
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 timely sowing of crop, 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.

### Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CAULIFLOWER (Seedling Growth)	Regular farming activities like hoeing and weeding should be done in the field. Maintain soil moisture and apply irrigation as per required by the crops.
RADISH (Germination)	The soil moisture should be maintained in the field and regular weeding and thinning of the crop should be done.
CARROT (Germination)	The soil moisture should be maintained in the field and regular weeding and thinning of the crop should be done.
BEETROOT (Germination)	The soil moisture should be maintained in the field and regular weeding and thinning of the crop should be done.
FENUGREEK (Sowing)	This is the best sowing time for leafy vegetable purpose. 3-4 irrigations are must for entire crop season and soil moisture should be maintained during the period.
SPINACH (Sowing)	This is the best sowing time for leafy vegetable purpose. 3-4 irrigations are must for entire crop season and soil moisture should be maintained during the period.

Horticulture (Stage)	Horticulture Specific Advisory
LEMON	If symptoms of citrus yellow mosaic virus is observed then prune the infected twigs and spray systemic insecticide such as imidacloprid 17.8 SL 1 ml/3 litre water or Thiamethoxam 25% WG @ 1g/3 litre water. Apply first spray of Thiamethoxam during initial appearance of pest and repeat 2 – 3 sprays at 15 – 21 days interval depending on the level of pest intensity.

#### Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	After 15 days calves should be fed with calcium, magnesium, phosphorus, zinc, iron, iodine and copper elements should be consumed in the form of salt mixture or mineral drops.
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.
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 likely impacts.
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#### Impact based advisories (General)

No impact.
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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>