



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 : 2025-10-10

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-10-10 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-10-11	2025-10-12	2025-10-13	2025-10-14	2025-10-15
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	31.0	31.0	31.0	31.0	31.0
Tmin(°C)	17.0	16.0	16.0	16.0	16.0
RH-I(%)	82	78	72	72	74
RH-II(%)	42	36	34	34	48
Wind Speed(kmph)	6	7	7	6	6
Wind Direction(Degree)	140	150	130	140	140
Cloud Cover(Octa)	0	0	0	0	0
Warning	No Warning	No Warning	No Warning	No Warning	No Warning

Forecast Summary:

Last week (3 to 9 October), the region experienced 110.8 mm rainfall with the maximum-minimum temperature ranging 26.2 to 32.0°C and 18.9 to 23.6°C, respectively. The morning and evening relative humidity varied between 82-94% and 48-78%, respectively while the wind blew from west-south-west, west-north-west, east and east-north-east ranging 1.8-5.1 kmph. Most of the days were clear last week. The upcoming forecast shows no rainfall from 10-14 October and maximum-minimum temperature are expected to vary as 31.0°C and 16.0-17.0°C, respectively. The wind is expected to blow from south-east and south-east-east at a speed of 6-7 kmph. No warning has been issued in the upcoming week.

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 so no advisory.

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, below normal maximum and normal minimum temperature trend during 10.10.2025 to 16.10.2025.

SMS Advisory:

As per IMD, clear weather is expected so farming operations should be scheduled accordingly and the harvested produce should be dried well before storage.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Grain filling and Maturity)	In late maturing varieties, during grain filling stage apply irrigation and spray chemical against pest/disease accordingly.
SUGARCANE (Physiological Maturity)	Regularly watch for whip smut attack in the standing crop and apply irrigation which helps in increasing the weight of the cane.
SUGARCANE (Sowing)	The autumn sowing should be completed till mid October and treated canes, resistant against major diseases should be used for sowing.
MAIZE (Maturity and Harvesting)	Avoid bird attacks by appropriate farming measures in mature cobs and harvest when the cobs are covered with golden yellow leaves.
GREEN GRAM (Pod formation)	The maturing pulse crop should be harvested accordingly and kept for drying. The crop should be dried for 2-3 days and then threshed and stored.
BLACK GRAM (Pod Development)	The maturing pulse crop should be harvested accordingly and kept for drying. The crop should be dried for 2-3 days and then threshed and stored.
SOYABEAN (Pod formation)	The maturing pulse crop should be harvested accordingly and kept for drying. The crop should be dried for 2-3 days and then threshed and stored.
PIGEON PEA (RED GRAM/ARHAR) (Pod formation)	Provide light irrigation during pod formation and keep monitoring for pests/diseases. On the presence of yellow mosaic virus transmitted by whitefly, pyriproxyfen 10 E.C. @0.5 litre/hectare mixed in 500-600 liters of water should be applied regularly at an interval of 10-12 days. Farmers should use varieties resistant to yellow mosaic virus.
GROUNDNUT (Pod Development)	On pegging or pod formation sufficient soil moisture should be maintained by irrigating as and when required. The timely sown crop should be dug and stored after drying.
RAPESEED (Sowing)	The rapeseed should be sown till first week of October while yellow sarson/rai should be sown till first fortnight of October.
BARSEEM (Sowing)	Sowing should be done in the first fortnight of October. Varieties like UPB-110, maskavi, pusa jayant, bardaan should be selected for higher fodder production and seed should be rhizobium treated before sowing.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CAULIFLOWER (Vegetative)	The early varieties should be harvested and sent to the market for consumption. Regular practices like weeding, hoeing and irrigation application should be monitored.
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.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	Before breeding, cows/buffaloes should be given vaccines of Vibriosis-L-5, IVR, BVD, parainfluenza etc. jointly or separately.
COW	Before breeding, cows/buffaloes should be given vaccines of Vibriosis-L-5, IVR, BVD, parainfluenza etc. jointly or separately.

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>

Damini MobileApp link : <https://play.google.com/store/apps/details>