



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 : 2025-10-07

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-10-07 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-10-08	2025-10-09	2025-10-10	2025-10-11	2025-10-12
Rainfall(mm)	6.0	0.0	0.0	0.0	0.0
Tmax(°C)	29.0	32.0	33.0	33.0	33.0
Tmin(°C)	21.0	21.0	22.0	23.0	23.0
RH-I(%)	84	80	80	78	76
RH-II(%)	53	45	42	46	50
Wind Speed(kmph)	7	5	5	5	5
Wind Direction(Degree)	280	140	130	160	170
Cloud Cover(Octa)	5	0	0	0	0
Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	No Warning	No Warning	No Warning	No Warning

Forecast Summary:

Last week (30 September-06 October), the region received 63.2 mm of rainfall, and maximum and minimum temperatures during last week ranged from 27.9 to 33.8°C and 21.4 to 24.1°C, respectively. Morning and evening relative humidity ranged from 82-93% and 62-98%, respectively, with winds blowing from the north-west, west, east-north-east, west-south-west, west-north-west and east direction at a speed of 1.8-4.2 km/h. The weather was humid and rainy on few days last week. The forecast for the upcoming week shows no rainfall and maximum and minimum temperatures are expected to be 29.0-33.0°C and 21.0 to 23.0°C, respectively. Winds are expected to blow from the west-north, south-east and south-south-east direction at speed of 5-7 km/h. Yellow warning regarding thunderstorms, lightning, squalls and strong surface winds have been predicted for 7 October while no warning has been issued for other days.

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

No significant warning has been issued.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

No significant impact and advisory issued.

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

SMS Advisory:

As per IMD forecast, no significant warning has been issued so farming activities can be continued as scheduled.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Grain filling and Maturity)	To prevent infestation of common pest of rice i.e brown plant hopper, farmers need to spray Triflumezopyrim 10 SC @235ml/ Fipronil 5 SC @1000 ml/ Buprofezin 25 SC @1 litre/ Thiamethoxam 25 WSG @100gm 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. Also, in case of fallen rice crop under sudden rainfall, the crop should be tied upright to prevent spoilage of grains.
SUGARCANE (Grand growth)	To prevent prevalent whip smut disease, farmers need to use resistant varieties and treated canes for sowing purpose. The infested whips and their groups should be carefully removed and either burned or buried in the soil. The harvested canes should not be kept in the field to avoid infection. Efficient crop rotation or intercropping with Arhar can reduce the infection intensity.
SUGARCANE (Sowing)	The sowing of autumn sugarcane should be done till 15th October with treated sugarcane seed by Carbendazim 50% WP @0.1% solution for 10 mins. For autumn sowing the lower 2/3rd portion of sugarcane stalk is used.
MAIZE (Maturity and Harvesting)	Avoid bird attacks by appropriate farming measures in mature cobs. The matured cobs in higher hills should be harvested when covered with yellow leaves. The harvested cobs should be dried under shed to avoid spoilage.
BLACK GRAM (Pod Development)	The maturing pulse crop should be harvested accordingly and kept for drying.
GREEN GRAM (Pod Development)	The maturing pulse crop should be harvested accordingly and kept for drying.
SOYABEAN (Pod Development)	The maturing pulse crop should be harvested accordingly and kept for drying.
PIGEON PEA (RED GRAM/ARHAR) (Pod Development)	Maintain proper moisture in pod formation stage 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 (Maturity and Harvesting)	The timely sown crop should be dug and stored after drying. Maintain moisture during pegging stage.
MUSTARD (Sowing)	After rice harvesting, the mustard crop should be sown. The sowing should be done at line to line at a distance of 45cm and 30 cm from the bunds. Treated seeds with Metalaxyl 35 W.S. @4 g/kg should be used for sowing.

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 (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.

Horticulture (Stage)	Horticulture Specific Advisory
CARROT (Germination)	The soil moisture should be maintained in the field and regular weeding and thinning of the crop should be done.
SPINACH (Germination)	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.
FENUGREEK (Germination)	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.
LEMON (Fruit formation)	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	Before breeding, cows/buffaloes should be given vaccines of Vibriosis-L-5, IVR, BVD, parainfluenza etc. jointly or separately.
BUFFALO	Before breeding, cows/buffaloes should be given vaccines of Vibriosis-L-5, IVR, BVD, parainfluenza etc. jointly or separately.

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 significant impact.

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