



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 : 2025-09-30

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

Parameter	2025-10-01	2025-10-02	2025-10-03	2025-10-04	2025-10-05
Rainfall(mm)	20.0	5.0	15.0	15.0	5.0
Tmax(°C)	36.0	36.0	36.0	35.0	33.0
Tmin(°C)	26.0	26.0	25.0	25.0	25.0
RH-I(%)	90	88	92	92	88
RH-II(%)	88	70	70	85	85
Wind Speed(kmph)	4	4	4	4	3
Wind Direction(Degree)	290	290	70	80	90
Cloud Cover(Octa)	6	2	6	6	4
Warning	Thunderstorms & Lightning, Squall etc	No Warning	No Warning	No Warning	No Warning

Forecast Summary:

Last week (September 23-29), the region received no rainfall, and maximum and minimum temperatures ranged from 32.5 to 35.7°C and 24.3 to 26.5°C, respectively. Morning and evening relative humidity ranged from 80-93% and 51-74%, respectively, with winds blowing from the north-north-east, east, west-north-west, east-south-east, north-west, east-north-east and southeast direction at a speed of 1.2-3.2 km/h. The weather was humid and clear on most of the days last week. The forecast for the upcoming week shows light drizzle of 5-20 mm, and maximum and minimum temperatures are expected to be 35.0-36.0°C and 25.0 to 26.0°C, respectively. Winds are expected to blow from the west-north-west, east-north-east, east-north and east direction at speed of 3-4 km/h. Thunderstorm accompanied with lightning and intense to very intense rain spell is likely to occur at isolated places on 01.10.2025. No warning has been issued for other days.

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

No significant warning has been given.

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 significant warning has been issued and no impact is expected so the farming activities should be done as scheduled.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Flowering)	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. The matured early varieties should be harvested and dried well before storage.
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.
SUGARCANE (Sowing)	The sowing of autumn sugarcane should be done 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 (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.
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. Apply irrigation as required.
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. Apply irrigation as required.
SOYABEAN (Pod Development)	Sufficient soil moisture should be maintained on flower/pod formation so apply irrigation as required by the crop. 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, Chlorothenonil @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 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 (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 soil moisture should be maintained in the field and regular weeding and thinning of the crop should be done.
CARROT (Sowing)	The soil moisture should be maintained in the field and regular weeding and thinning of the crop should be done
BEETROOT (Sowing)	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
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.
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.
LEMON (Fruit formation)	If symptoms of citrus yellow mosaic virus is observed in citrus fruits 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
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 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.

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 significant 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 lightning.

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