



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 : 2025-10-03

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-10-03 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-10-04	2025-10-05	2025-10-06	2025-10-07	2025-10-08
Rainfall(mm)	0.0	0.0	10.0	22.0	5.0
Tmax(°C)	32.0	31.0	30.0	28.0	26.0
Tmin(°C)	24.0	23.0	22.0	22.0	21.0
RH-I(%)	83	86	87	96	92
RH-II(%)	50	52	60	70	60
Wind Speed(kmph)	3	3	5	4	5
Wind Direction(Degree)	300	140	120	260	270
Cloud Cover(Octa)	2	0	2	6	3
Warning	No Warning	No Warning	No Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds

Forecast Summary:

Last week (September 26 September-02 October), the region received 14.8 mm of rainfall, and maximum and minimum temperatures during last week ranged from 29.5 to 35.7°C and 21.4 to 26.5°C, respectively. Morning and evening relative humidity ranged from 80-91% and 51-74%, respectively, with winds blowing from the north-west, east-north-east, south-east and west direction at a speed of 1.2-3.5 km/h. The weather was humid and clear on most of the days last week. The forecast for the upcoming week shows light rainfall of 5-22 mm, and maximum and minimum temperatures are expected to be 26.0-32.0°C and 21.0 to 24.0°C, respectively. Winds are expected to blow from the north- west-west, south-east, south-east-east, west-south and west direction at speed of 3-5 km/h. Thunderstorm accompanied with lightning and intense to very intense rain spell is likely to occur at isolated places on 6 and 7 October. No warning has been issued for other days.

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

Thunderstorms and lightning with strong winds are expected on 6 and 7 October.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Lodging in rice and sugarcane, spoilage of harvested produce. Avoid irrigation in rice and sugarcane, the harvested produce should be kept under shade for drying to avoid spoilage.

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 excess rainfall, below normal maximum and normal minimum temperature trend during 03.10.2025 to 09.10.2025

SMS Advisory:

As per IMD prediction, strong winds are expected so avoid irrigating the rice and sugarcane crops.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Booting)	During ripening phase common pest is 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. The spray should be done under clear weather conditions and avoid irrigating the crop.
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. Avoid irrigating the crop.
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)	The mature cobs should be protected from the spoilage due to birds by taking appropriate farming measures and the mature cobs should be harvested when covered with yellow leaves.
BLACK GRAM (Maturity and Harvesting)	The maturing pulse crop should be harvested accordingly and kept for drying. The mature crop should be harvested in time and kept under shade for drying to avoid spoilage of produce.
GREEN GRAM (Maturity and Harvesting)	The maturing pulse crop should be harvested accordingly and kept for drying. The mature crop should be harvested in time and kept under shade for drying to avoid spoilage of produce.
SOYABEAN (Maturity and Harvesting)	The maturing pulse crop should be harvested accordingly and kept for drying. The mature crop should be harvested in time and kept under shade for drying to avoid spoilage of produce.
PIGEON PEA (RED GRAM/ARHAR) (Pod Development)	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. The spray should be done under clear weather conditions and irrigation should be applied as required by the crop.
GROUNDNUT	On pegging or pod formation sufficient soil moisture should be maintained by irrigating when required. The timely sown crop should be dug and stored after drying. Avoid drying in open and keep under shade to avoid spoilage under predicted weather.
RAPESEED (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.
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 (Seedling Growth)	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 other farming operation like weeding-hoeing should be done. The farming activities should be done under clear weather conditions.
CARROT (Germination)	The soil moisture should be maintained in the field and other farming operation like weeding-hoeing should be done. The farming activities should be done under clear weather conditions.
BEETROOT (Germination)	The soil moisture should be maintained in the field and other farming operation like weeding-hoeing should be done. The farming activities should be done under clear weather conditions.
SPINACH (Germination)	Soil moisture should be maintained in the freshly sown crop.
FENUGREEK (Germination)	Soil moisture should be maintained in the freshly sown crop.
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
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)

Lodging in rice and sugarcane and spoilage of harvested produce.
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Impact based advisories (General)

Avoid irrigation in rice and sugarcane. The harvested produce should be dried under shade.
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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 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>

