



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 : 2025-08-26

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

Parameter	2025-08-27	2025-08-28	2025-08-29	2025-08-30	2025-08-31
Rainfall(mm)	35.0	20.0	8.0	8.0	18.0
Tmax(°C)	33.0	34.0	34.0	33.0	33.0
Tmin(°C)	26.0	26.0	26.1	26.1	25.9
RH-I(%)	89	86	87	88	89
RH-II(%)	90	85	90	90	90
Wind Speed(kmph)	4	7	7	4	3
Wind Direction(Degree)	100	110	120	100	100
Cloud Cover(Octa)	8	7	7	8	8
Warning	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc

Forecast Summary:

Last week (19 to 25 August), the region experienced 1.6 mm rainfall with the maximum-minimum temperature ranging 32.4 to 34.5°C and 25.5 to 26.3°C, respectively. The morning and evening relative humidity varied between 83-87% and 64-79%, respectively while the wind blew from east, south-east and east-south-east direction at a speed of 3.2 to 7.0 kmph. Few days were cloudy last week. The upcoming forecast shows light to moderate rainfall of 8-35 mm from and maximum-minimum temperature are expected to vary as 33.0-34.0°C and 25.9-26.1°C, respectively. The wind is expected to blow from east-south, east-south-east and south-east-east direction at a speed of 3-7 kmph. Thunderstorms/lightning and intense rain spells are expected at isolated places during the upcoming week.

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

Thunderstorm/lightning/intense rain spell at isolated places.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Disruption of farming activities. The farming activities should be delayed under strong winds and proper drainage should be provided in case of intense rain spell.

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 normal rainfall, maximum and minimum temperature trend during 22.08.2025 to 28.08.2025.

SMS Advisory:

As per IMD prediction, the farming activities can be scheduled on light rainfall days.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Vegetative)	Symptoms of bacterial blight disease if seen in paddy such as water-soaked spots on the leaves and their gradual increase to become long stripes. These stripes gradually turn light brown. To prevent this disease from spreading in the field, do not keep water logged condition in the field. Along with this, nitrogen application should be stopped for the time being and in case of excessive disease, spray 15 grams of streptocycline + 500 grams of copper oxychloride in 1000 liters of water per hectare. The spray should be done at 7-10 days conditions. All the farming activities should be performed under clear weather conditions and in case of waterlogging under intense rain spell drainage measures should be taken in the field.
MAIZE (Vegetative)	Monitor the crop properly and apply Mancozeb or Zineb 75 WP @ 1.5 -2.0 kg in 750- 800 litres of water per hectare on occurrence of blight (Yellow or brown coloured egg shaped spots). Second spraying should be done at 10-15 days interval. In case of fall army worm attack in the plain regions, Chlorantraniliprole 18.5 SC @0.4 ml/l of water should be applied. However, all the chemical applications and farming operations should be done under clear weather and drainage should be provided under water logged conditions.
BLACK GRAM (Germination)	Proper drainage should be maintained in the freshly sown plots in case of intense rain spell while the farming activities like weeding-hoeing in the last month sown crop should be carried out keeping the forecast in mind.
GREEN GRAM (Germination)	Proper drainage should be maintained in the freshly sown plots in case of intense rain spell while the farming activities like weeding-hoeing in the last month sown crop should be carried out keeping the forecast in mind.
GROUNDNUT (Vegetative)	In groundnut, weeding should be done at an interval of 15-20 days after sowing and to destroy the weeds chemically, Pendimethalin 30 EC, 3.3 liters or 4 liters of Alachlor 50 EC dissolved in 500 -700 liters of water should be sprinkled after sowing and before the germination of weeds. The remaining amount of gypsum and an entire amount of borax should be used as top dressing in 3 week old crop and mix it well upto 3-4 cm depth by light hoeing. Any chemical application should be done under clear weather condition and proper drainage should be provided in case of waterlogging under intense rainspell.
SUGARCANE (Tillering)	According to the requirement, second tying of the crop should be done and it should be 50 cm above the first tying. Three stalks of two lines should be tied together (scissors tied). In case of white grub infestation Fipronil 40 percent and Imidacloprid 40 percent WG @200g/acre should be applied in the field by dissolving it in 500 liters of water. In case of water logging, proper drainage should be arranged and chemical application should be done under clear weather conditions.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CAULIFLOWER (Transplanting)	The mid season varieties of cauliflower can be transplanted and regular weeding in the early varieties should be done.
PUMPKIN (Harvesting)	Ripened cucurbitaceous crop should be stored in a safe place and on occurrence of yellow spot of irregular shape in standing crop, leaves should be examined by turning and if there is a growth of light gray fungus in the lower portion of leaves then it should be controlled by spraying the solution

Horticulture (Stage)	Horticulture Specific Advisory
	of Mancozeb @ 2.5 g/ lit. Spraying of chemical should be done under clear weather conditions.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	Water supplied to livestock should be regularly tested to prevent water-borne diseases. To avoid this use antibacterial drugs like red drug in 1:1000 ratio in stored water. Bleaching powder/chlorine can also be used. 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. To save the animal from Gal-Ghotu disease, tie them in neat and clean places. When symptoms of Gal-Ghotu disease appeared in the animals, then inject Suphonamides like Sulphamethazine or Sulphadimidne 150mg/Kg in the veins of animal for three days with the advice of Veterinarian.
COW	Water supplied to livestock should be regularly tested to prevent water-borne diseases. To avoid this use antibacterial drugs like red drug in 1:1000 ratio in stored water. Bleaching powder/chlorine can also be used. 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. To save the animal from Gal-Ghotu disease, tie them in neat and clean places. When symptoms of Gal-Ghotu disease appeared in the animals, then inject Suphonamides like Sulphamethazine or Sulphadimidne 150mg/Kg in the veins of animal for three days with the advice of Veterinarian.

Likely impacts of weather warnings (General)

Disruption of farming activities.

Impact based advisories (General)

The farming activities should be delayed under strong winds and proper drainage should be provided in case of intense rain spell.

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>