



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 : 2025-08-19

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-08-19 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-08-20	2025-08-21	2025-08-22	2025-08-23	2025-08-24
Rainfall(mm)	8.0	6.0	6.0	20.0	20.0
Tmax(°C)	37.0	37.0	38.0	37.0	36.0
Tmin(°C)	27.0	27.0	26.0	26.0	26.0
RH-I(%)	85	85	85	90	90
RH-II(%)	55	55	65	65	65
Wind Speed(kmph)	4	6	8	6	4
Wind Direction(Degree)	140	140	140	140	140
Cloud Cover(Octa)	5	5	5	7	7
Warning	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc

Forecast Summary:

Last week (12 to 18 August), the region experienced 276.8 mm rainfall with the maximum-minimum temperature ranging 27.2 to 33.6°C and 23.8 to 26.8°C, respectively. The morning and evening relative humidity varied between 86-100% and 59-97%, respectively while the wind blew from south-east direction at a speed ranging 1.2-6.1 kmph. Most of the days were rainy days last week. The upcoming forecast shows very light to light rainfall of 6-20 mm and maximum-minimum temperature are expected to vary as 36.0-38.0°C and 26-27°C, respectively. The wind is expected to blow from south-east direction at a speed of 4-8 kmph. Yellow alert has been issued regarding the occurrence of thunderstorm accompanied by lightning/intense to very intense rain spell, squall, etc. on 19,20 and 21 August while the same alert has been issued for heavy rain and similar thunderstorm conditions on 22 and 23 August at isolated places.

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

Yellow alert regarding heavy rainfall and thunderstorm conditions.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Water logging under heavy rainfall conditions and impact on germination of already sown green gram crop. Provide proper drainage in the fields and avoid any spray under heavy rainfall predictions, delay sowing of green gram under heavy rainfall conditions or go for re sowing under spoilage of seedlings.

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, heavy rainfall have been predicted on few days so proper drainage should be provided in the fields.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Vegetative)	In some areas, infestation of bacterial leaf blight are found in the paddy crop. If tip of the leaves turn white or both sides of leaf turned white then in these fields spraying of 500g Copper oxychloride and 15g streptocyclin in 500 liter water should be done. These chemicals should be sprayed again at 7-10 days interval. Spraying of chemical should not be taken up on days when heavy rainfall has been predicted.
SUGARCANE (Vegetative)	On the occurrence of white fly, spray thiamethoxam 25 WDG (Actara) @ 125g/hectare. Provide proper drainage and avoid any chemical spraying under heavy rainfall predictions.
MAIZE (Vegetative)	Weeding and hoeing in maize crop should be done twice at an interval of 20 and 35 days of sowing. Avoid irrigating the crop. Provide proper drainage and avoid any chemical spray under predicted heavy rainfall conditions.
CITRUS (Fruit formation)	To control the Citrus canker disease, spraying of 180g Copper-Oxichloride and 6g Streptocycline in 60 liter of water should be done in the trees. Spraying of chemical should not be done on days when heavy rainfall has been predicted.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
MANGO	Grafting operations should be continued.
LITCHI	Grafting operations should be continued.
GUAVA	Grafting operations should be continued.
CABBAGE (Transplanting)	Mid variety of Cabbage can be sown in this month and weeding and hoeing should be done in the early variety of Cabbage. The farming operations should not be scheduled for heavy rainfall days as predicted.
PUMPKIN	On the occurrence of yellow-brown spot in the leaves of cucurbitaceous crops, solution of mancozeb @ 2.5 g/ lit of water should be sprayed but the chemical spray should not be scheduled for days when heavy rainfall has been predicted.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	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 Sulphonamides like Sulphamethazine or Sulphadimidne 150Mg/Kg in the veins of animal for three days with the advice of Veterinarian.
COW	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 Sulphonamides 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)

Water logging, impact on germination and sowing of green gram.

Impact based advisories (General)

Provide proper drainage and do not schedule sowing on heavy rainfall days.

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>