



Gramin Krishi Mausam Sewa
Agromet Advisory Bulletin for NAINITAL District
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 Udham Singh Nagar, Pantnagar, Uttarakhand



Agromet Advisory Bulletin

Date : 2025-08-19

Weather Forecast of District NAINITAL (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)	12.0	20.0	20.0	25.0	45.0
Tmax(°C)	22.0	23.0	23.0	22.0	21.0
Tmin(°C)	16.0	16.0	16.0	15.0	15.0
RH-I(%)	85	90	90	90	90
RH-II(%)	65	65	65	70	70
Wind Speed(kmph)	2	4	4	2	2
Wind Direction(Degree)	140	140	140	140	140
Cloud Cover(Octa)	5	4	6	8	8
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:

The upcoming week predicts light to moderate rainfall of 12-45 mm and maximum-minimum temperature varying between 21.0-23.0°C and 15.0-16.0°C, respectively. The wind is expected to blow from south-east direction at a speed of 2-4 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)

Heavy rainfall alert for 22 and 23 August and thunderstorm/lightning/intense rain spell alerts for 19, 20 and 21 August.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Water logging on heavy rainfall days, impact on germination and sowing of green gram Provide proper drainage in the fields and delay sowing under heavy rainfall.

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 forecast, heavy rainfall conditions have been predicted on few days so proper drainage channels should be maintained in the fields.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
MAIZE (Vegetative)	Do not irrigate the maize crop and maintain proper drainage in the field on heavy rainfall days. For other days top-dressing of urea can be done when the maize becomes 2 feet tall and the soil has suitable moisture conditions. In case of fall army worm attack in the plain regions, Chlorantraniliprole 18.5 SC @0.4 ml/l of water should be applied on other days than heavy rainfall predicted days.
RICE (Vegetative)	Top-dressing of urea @ 1.25 kg urea/naali after rain or when there is suitable moisture in the soil should be done in Chetki/Jethi paddy. In some areas, infestation of bacterial leaf blight might be 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 streptomycin in 500 liter water should be done. These chemicals should be sprayed again at 7-10 days interval. Spraying of chemical should be done when heavy rainfall has not been predicted.
SOYABEAN (Sowing)	Due to spoilage under heavy rainfall conditions, re sowing of the crop should be done on days other than heavy rainfall predicted days and proper drainage should be provided to avoid water logging.
GREEN GRAM (Sowing)	Due to spoilage under heavy rainfall conditions, re sowing of the crop should be done on days other than heavy rainfall predicted days and proper drainage should be provided to avoid water logging.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CABBAGE (Sowing)	Transplanting/sowing of radish, cabbage, broccoli and turnip should be done.
FRENCH BEAN (Pod Development)	To control the white rotting in french bean, Carbendazim 1 g/liter should be sprayed on days other than those when heavy rainfall has been predicted. Avoid irrigating the crop and provide proper drainage channels for heavy rainfall days.
COWPEA/ LOBIA (Pod Development)	To control the white rotting in french bean, Carbendazim 1 g/liter should be sprayed on days other than those when heavy rainfall has been predicted. Avoid irrigating the crop and provide proper drainage channels for heavy rainfall days.

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 and impact on germination of soyabean and green gram.

Impact based advisories (General)

Proper drainage should be provided and go for re sowing if the soyabean and green gram seedlings are spoiled.

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>