



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



Agromet Advisory Bulletin

Date : 2025-08-14

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-08-14 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-08-15	2025-08-16	2025-08-17	2025-08-18	2025-08-19
Rainfall(mm)	35.0	10.0	35.0	35.0	20.0
Tmax(°C)	23.0	25.0	24.0	24.0	23.0
Tmin(°C)	19.0	19.0	18.0	18.0	18.0
RH-I(%)	93	92	91	92	92
RH-II(%)	92	92	92	92	92
Wind Speed(kmph)	3	3	3	2	1
Wind Direction(Degree)	100	110	120	100	100
Cloud Cover(Octa)	8	7	8	8	8
Warning	Very Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Very Heavy Rain; 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 10-35 mm and maximum-minimum temperature varying between 23.0-25.0°C and 18.0-19.0°C, respectively. The wind is expected to blow from east-south, east-south-east and south-east-east direction at a speed of 1-3 kmph. An orange alert has been issued regarding heavy to very heavy rain/thunderstorm accompanied with lightning / intense to very intense rain spell at isolated places on 14 and 16 August while yellow alert has been issued regarding heavy rain/thunderstorm accompanied with lightning / intense to very intense rain spell at isolated places on 15, 17 and 18 August.

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

Orange and yellow alert have been given regarding heavy rainfall for the upcoming week.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Water logging, impact on seedling growth of soyabean and germination of green gram Maintain proper drainage channels in the field.

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 15.08.2025 to 21.08.2025.

SMS Advisory:

Heavy rainfall alert has been given so proper drainage should be provided in the fields and all kind of chemical applications should be postponed.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Vegetative)	In Jethi rice, remove weeds and after rains when there is optimum soil moisture, go for top dressing of urea @1.25 kg per furrow only under dry weather. Proper drainage should be maintained in the field and the farming activities should be postponed under heavy rainfall.
MAIZE (Vegetative)	Do top-dressing of urea when the maize becomes 2 feet tall and postpone application under heavy rainfall 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 under dry weather. Proper drainage should be maintained and irrigation should be avoided for the time being. All the farming activities like urea application or spray should be postponed under heavy rainfall.
FINGER MILLET (Vegetative)	Keep monitoring the crops and do weeding as per requirement. After rains under optimum moisture conditions go for top dressing of urea. All the farming activities should be postponed under heavy rainfall conditions.
SOYABEAN (Seedling Growth)	Regular weeding should be done in the crop and proper drainage should be arranged. In case of crop spoilage, the re-sowing operations should be scheduled after heavy rainfall.
GREEN GRAM (Germination)	Proper drainage should be maintained in the field.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TOMATO (Harvesting)	Continuous picking of the crops should be done and proper drainage should be maintained in the field.
CAPSICUM (Harvesting)	Continuous picking of the crops should be done and proper drainage should be maintained in the field.
CAULIFLOWER (Transplanting)	The transplantation of early varieties of cabbage, cauliflower, broccoli and knol-khol along with root crops like radish and turnip can be taken up in the mid hilly regions but only after sufficient moisture in the field. Proper drainage measures should be taken as per the forecasted rainfall.
FRENCH BEAN (Pod Development)	To control the white rotting in French bean/Cowpea, carbendazim 1g/l should be sprayed under dry weather conditions. The farming operations should be scheduled after heavy rainfall 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.
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.

Likely impacts of weather warnings (General)

Water logging, spoilage of seedling growth of soyabean and germination of green gram.

Impact based advisories (General)

Proper drainage should be provided, re-sowing should be done in case of spoilage of seedling of soyabean and green gram.

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>