



**Gramin Krishi Mausam Sewa**  
**Agromet Advisory Bulletin for NAINITAL District**  
**Govind Ballabh Pant University of Agriculture & Technology**  
 Udham Singh Nagar, Pantnagar, Uttarakhand



## **Agromet Advisory Bulletin**

Date : 2025-08-22

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-08-22 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-08-23	2025-08-24	2025-08-25	2025-08-26	2025-08-27
Rainfall(mm)	15.0	15.0	32.0	35.0	11.0
Tmax(°C)	22.0	20.0	19.0	19.0	20.0
Tmin(°C)	15.0	15.0	14.0	14.0	15.0
RH-I(%)	90	86	88	88	87
RH-II(%)	69	66	66	67	67
Wind Speed(kmph)	3	5	8	10	6
Wind Direction(Degree)	110	120	120	140	140
Cloud Cover(Octa)	7	6	6	7	6
Warning	Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Very Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Very Heavy Rain; Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc

### Forecast Summary:

Light to moderate rainfall of 11-35 mm and maximum-minimum temperatures are expected to be between 19.0-22.0°C and 14.0-15.0°C respectively in the coming week. Winds are expected to blow from east-southeast, south-east-east and south-east direction at a speed of 3-10 kmph. Yellow alert has been issued for heavy rainfall with thunderstorms/lightning/intense rain spell at isolated places on August 22 and 24, while orange alert has been issued for heavy to very heavy rainfall with similar thunderstorms at isolated places on August 23 and 25. Yellow alert has been issued regarding the occurrence of thunderstorms/lightning/intense rain spell at isolated places for August 26.

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

Orange and yellow alert has been issued regarding the occurrence of heavy rainfall accompanied by lightning/thunderstorm/intense rain spell at isolated places.

### Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Waterlogging and its effect on germination and plant growth of soybean and green gram crops. Make proper arrangement for drainage in the fields.

### 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:

According to IMD, orange and yellow alerts have been issued regarding heavy rainfall, hence proper drainage arrangement should be done in the fields to avoid waterlogging.

### Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Vegetative )	On occurrence of bacterial blight symptoms, the spray should be done on clear days only. Under heavy rainfall conditions proper drainage should be maintained in the field.
MAIZE (Vegetative )	Irrigation should be avoided and chemical spray is required against disease as blight and insect such as fall army worm but it should be done only under clear weather conditions. Proper drainage should be maintained under heavy rainfall conditions.
FINGER MILLET (Vegetative )	Keep monitoring the crops and do weeding as per requirement. Proper drainage should be maintained in the field and all the farming activities should be done keeping the forecast in mind.
SUGARCANE (Tillering)	In plain regions, 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 all the farming activities particularly chemical application should be done keeping the forecast in mind.

### Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
BRINJAL (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 with sufficient moisture in the field. Proper drainage measures should be taken as per the forecasted heavy rainfall.
FRENCH BEAN (Pod Development)	To control the white rotting in French bean, carbendazim 1g/l is to be sprayed under clear weather conditions only. Proper drainage should be maintained in the field.
COWPEA/ LOBIA (Pod Development)	To control the white rotting in Cowpea, carbendazim 1g/l is to be sprayed under clear weather conditions only. Proper drainage should be maintained in the field.

### 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

Live Stock	Live Stock Specific Advisory
	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)

Waterlogging and impact on germination and seedling growth of soyabean and green gram

### Impact based advisories (General)

Provide proper drainage and go for resowing in case of spoilage of seedlings.

**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>**