



**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 : 2025-09-09

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-09-09 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-09-10	2025-09-11	2025-09-12	2025-09-13	2025-09-14
Rainfall(mm)	10.0	10.0	15.0	30.0	30.0
Tmax(°C)	21.0	22.0	23.0	22.0	22.0
Tmin(°C)	17.0	17.0	18.0	17.0	17.0
RH-I(%)	85	80	87	95	95
RH-II(%)	93	93	92	95	95
Wind Speed(kmph)	3	3	3	2	1
Wind Direction(Degree)	290	300	310	160	100
Cloud Cover(Octa)	5	6	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:

During the upcoming days the region is expected to experience light to moderate rainfall of 10-30 mm with maximum-minimum temperature of 21-23°C and 17-18°C, respectively. The wind is expected to blow from west-north-west, north-west-west, north-west, south-south-east and east-south direction with a speed of 1-3 kmph. Yellow warning has been issued regarding thunderstorms/lightning and intense rain spell on 9-11 September while heavy rain with similar thunderstorm conditions is expected on 12 and 13 September at isolated places.

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

Yellow warning regarding thunderstorm/lightning, intense rain spell on most of the days with heavy rainfall on few days.

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

Waterlogging and impact on sowing of few horticultural vegetable crops. Provide proper drainage and delay sowing in case of 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-minimum temperature trend during 05.09.2025 to 11.09.2025.

**SMS Advisory:**

As per IMD forecast, heavy rainfall is expected on few days so proper drainage should be maintained in the fields and sowing should be delayed under such conditions.

**Crop Specific Advisory:**

Crop (Stage)	Crop Specific Advisory
RICE (Panicke Initiation)	Chemical spray should be done against bacterial blight disease and stem borer attack. Avoid water logging and proper drainage should be provided. Chemical application should be avoided on days with heavy rainfall predictions.
MAIZE (Vegetative )	Keep monitoring the crop for stem borer attack and chemical spray should be done to avoid damage. Irrigation application should be avoided and to prevent water stagnation proper drainage measures should be provided. The chemical application should be done under clear weather conditions or light rainfall and avoided under heavy rainfall and strong windy conditions.
FINGER MILLET (Panicke Initiation)	Chemical spray against stem borer attack can be done under clear weather conditions and light rainfall. Proper drainage should be maintained in the field and any kind of chemical spray should be avoided under heavy rainfall condition.
PIGEON PEA (RED GRAM/ARHAR) (Vegetative )	Crop should be monitored against disease/pest and chemical spray can be done under clear weather conditions or light rainfall. Proper drainage should be provided to avoid water logging and the chemical spray should be avoided under heavy rainfall conditions and strong winds.
SOYABEAN (Flowering)	Crop should be monitored against disease/pest and chemical spray can be done under clear weather conditions or light rainfall. Proper drainage should be provided to avoid water logging and the chemical spray should be avoided under heavy rainfall conditions and strong winds.
BLACK GRAM (Vegetative )	Crop should be monitored against disease/pest and chemical spray can be done under clear weather conditions or light rainfall. Proper drainage should be provided to avoid water logging and the chemical spray should be avoided under heavy rainfall conditions and strong winds.
GREEN GRAM (Vegetative )	Crop should be monitored against disease/pest and chemical spray can be done under clear weather conditions or light rainfall. Proper drainage should be provided to avoid water logging and the chemical spray should be avoided under heavy rainfall conditions and strong winds.

**Horticulture Specific Advisory:**

Horticulture (Stage)	Horticulture Specific Advisory
RADISH (Sowing)	Sowing of crop should be done under clear weather conditions and light rainfall conditions. Proper drainage should be maintained in the already sown radish crop.
CHILLI (Maturity and Harvesting)	The ripe crop should be harvested and proper drainage should be maintained in the standing crop. Any kind of chemical spray should be avoided in ready to harvest chilli crop.
POTATO (Sowing)	Sowing of the crop should be done under clear weather conditions and light rainfall conditions. Proper drainage should be maintained under predicted heavy rainfall conditions in already sown crop.
Faba bean/ Broad bean (Sowing)	Sowing of the crop should be done under clear weather conditions and light rainfall conditions. Proper drainage should be maintained under predicted heavy rainfall conditions in already sown crop.

**Live Stock Specific Advisory:**

Live Stock	Live Stock Specific Advisory
COW	The milk of female calves should be weaned from the mother only after six months, so that their physical development can take place in a good way

Live Stock	Live Stock Specific Advisory
BUFFALO	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.
GOAT	In rural areas, 2 shots of tetanus toxoid should be administered to sheep and goats at one month and the other at 5 months, so that newborn lambs do not get tetanus disease.
SHEEP	In rural areas, 2 shots of tetanus toxoid should be administered to sheep and goats at one month and the other at 5 months, so that newborn lambs do not get tetanus disease.

#### **Likely impacts of weather warnings (General)**

Waterlogging on heavy rainfall days and disruption in sowing operations.

#### **Impact based advisories (General)**

Proper drainage should be maintained and refrain sowing under heavy rainfall conditions.

**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>**