



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 : 2025-09-12

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-09-12 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-09-13	2025-09-14	2025-09-15	2025-09-16	2025-09-17
Rainfall(mm)	30.0	40.0	30.0	32.0	35.0
Tmax(°C)	23.0	23.0	24.0	24.0	25.0
Tmin(°C)	18.0	18.0	18.0	19.0	19.0
RH-I(%)	94	91	93	92	92
RH-II(%)	75	72	68	68	70
Wind Speed(kmph)	1	2	2	2	2
Wind Direction(Degree)	140	160	50	90	120
Cloud Cover(Octa)	7	6	6	5	6
Warning	Heavy Rain; Very Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Very Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; 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 moderate to heavy rainfall of 30-40 mm with maximum-minimum temperature of 23-25°C and 18-19°C, respectively. The wind is expected to blow from south-east, south-south-east, north-east, east and south-east-east direction with a speed of 1-2 kmph. Orange warning has been issued regarding light to moderate rainfall, thunderstorms/lightning at many places on 12 and 13 September while similar conditions may continue from 14-18 September for which yellow warning has been issued.

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

Orange and yellow warning alert has been given for moderate to heavy rainfall with thunderstorms/lightning at most of the places.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Waterlogging, impact on sowing Proper drainage should be maintained in the fields and already sown crop. Sowing should be delayed under heavy rainfall conditions.

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 12.09.2025 to 18.09.2025.

SMS Advisory:

As per IMD, moderate to heavy rainfall has been predicted so proper drainage should be provided in the crop and freshly sown field.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Panicle Initiation)	Proper drainage should be maintained in the field and any kind of chemical spray against disease/pest should be avoided under heavy rainfall situation.
MAIZE (Vegetative)	Water stagnation should be avoided and proper drainage should be maintained in the field.
FINGER MILLET (Panicle Initiation)	Proper drainage should be maintained in the field and any kind of chemical spray against disease/pest should be avoided under heavy rainfall situation.
PIGEON PEA (RED GRAM/ARHAR) (Vegetative)	Proper drainage measures should be taken and avoid water logging. Postpone chemical application against disease/pest.
SOYABEAN (Pod formation)	Proper drainage measures should be taken and avoid water logging. Postpone chemical application against disease/pest.
GREEN GRAM (Vegetative)	Avoid chemical spray and reschedule after rains and avoid water stagnation in the field. Proper drainage measures should be taken.
BLACK GRAM (Vegetative)	Avoid chemical spray and reschedule after rains and avoid water stagnation in the field. Proper drainage measures should be taken.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
RADISH (Sowing)	Sowing of the crop should be refrained under the forecasted weather and proper drainage should be maintained in the already sown crop.
CHILLI (Maturity and Harvesting)	The ripe crop should be harvested and immediately sent for sale. Proper drainage should be maintained in the standing crop and any kind of chemical spray should be avoided.
POTATO (Sowing)	Sowing of the crop should be refrained under the forecasted weather and proper drainage should be maintained in the already sown crop.
Faba bean/ Broad bean (Sowing)	Sowing of the crop should be refrained under the forecasted weather and proper drainage should be maintained in the 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. The animals should be protected from intense rain and storm.
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. The animals should be protected from intense rain and storm.
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. The animals should be protected from intense rain and storm.
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. The animals should be protected from intense rain and storm.

Likely impacts of weather warnings (General)

Waterlogging and impact on sowing of root crops

Impact based advisories (General)

Provide proper drainage measures in crop and already sown field. Delay sowing under heavy rainfall conditions.
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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>