



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 : 2025-07-04

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-07-04 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-07-05	2025-07-06	2025-07-07	2025-07-08	2025-07-09
Rainfall(mm)	10.0	25.0	40.0	30.0	30.0
Tmax(°C)	29.0	29.0	27.0	27.0	27.0
Tmin(°C)	23.0	23.0	23.0	22.0	22.0
RH-I(%)	90	90	95	90	90
RH-II(%)	60	60	65	65	65
Wind Speed(kmph)	2	2	4	4	2
Wind Direction(Degree)	140	140	140	140	140
Cloud Cover(Octa)	5	6	8	8	8
Warning	Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc

Forecast Summary:

The upcoming week predicts light to medium rainfall of 10-40 mm and maximum-minimum temperature varying between 27.0-29.0°C and 22.0-23.0°C, respectively. The wind is expected to blow from south-east direction at a speed of 2-4 kmph. Yellow warning has been issued regarding the occurrence of thunderstorm/lightning accompanied by intense rainspell at isolated places on 4 June while yellow warning for heavy rainfall accompanied by similar events has been issued for 5-8 June.

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

Heavy rainfall accompanied by thunderstorm/lightning and intense rain spell has been issued for most of the days.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Water logging, damage to fresh seedlings, sowing and other regular farming operations will be impacted, spoilage of harvested produce. Provide proper drainage and delay sowing and other regular farming operations, store the harvested produce properly.

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 deficient rainfall and normal maximum-minimum temperature trend during 04.07.2025 to 10.07.2025.

SMS Advisory:

As per IMD, yellow warnings have been issued for heavy rainfall so proper drainage should be provided and the farming activities should be delayed.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Transplanting)	Avoid water logging and provide open drains to provide proper drainage. Gap filling should be done in case of seedling damage. Application of fertilizers in the field should be delayed for the time being as per the forecasted conditions.
PIGEON PEA (RED GRAM/ARHAR) (Vegetative)	Proper drainage should be provided in the field and any kind of farming operations should be postponed under the forecasted conditions.
KIDNEY BEANS/ RAJMA (Sowing)	The sowing should be delayed under the current forecasted conditions and proper drainage should be provided in the already sown crop field.
GREEN GRAM (Sowing)	The sowing should be delayed under the current forecasted conditions.
BLACK GRAM (Sowing)	The sowing should be delayed under the current forecasted conditions.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
POTATO (Harvesting)	The forecasted weather conditions might act congenial for late blight in Potato so mature crop should be harvested and stored well to avoid spoilage while the chemical spray should be delayed for the time being and scheduled as per the forecast. Proper drainage should be provided.
FRENCH BEAN (Harvesting)	Harvest the ripened crop and immediately send to market to avoid spoilage. Any kind of chemical spray against disease/pest should be avoided as per the forecasted heavy rainfall and strong windy conditions.
TOMATO (Harvesting)	The harvesting of the ripened crop should be done and sent to market immediately. As there are chances of occurrence of disease/pest so the chemical sprays should be scheduled as per the forecast and avoided under current conditions. Polyhouse/ shadenets should be provided to protect the mature fruits.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	Get animals vaccinated to protect them from infectious diseases. Protect animals from heavy rains because it causes skin irritation like disorders. Outbreak of worms increases in these seasons and to avoid this use anthelmintic with the recommendation of the nearest veterinarian. Avoid possibility of rain stagnation in the cattle shed and provide proper drainage system. Looking at the weather forecast, there is a possibility of rain stagnation in the cattle shed. Do not allow water to collect and provide proper drainage.
COW	Get animals vaccinated to protect them from infectious diseases. Protect animals from heavy rains because it causes skin irritation like disorders. Outbreak of worms increases in these seasons and to avoid this use anthelmintic with the recommendation of the nearest veterinarian. Avoid possibility of rain stagnation in the cattle shed and provide proper drainage system. Looking at the weather forecast, there is a possibility of rain stagnation in the cattle shed. Do not allow water to collect and provide proper drainage.

Likely impacts of weather warnings (General)

Impact on transplanted seedlings, delay in sowing and other farming operations, spoilage of harvested produce.

Impact based advisories (General)

Proper drainage should be provided, the farming activities and sowing operations should be delayed, the harvested produce should be kept in safe covered place.

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>