



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



Agromet Advisory Bulletin

Date : 2025-06-20

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-06-20 (Valid Till 08:30 IST of the next 5 days)

| Parameter | 2025-06-21 | 2025-06-22 | 2025-06-23 | 2025-06-24 | 2025-06-25 |
|------------------------|---|---|--|---|---|
| Rainfall(mm) | 15.0 | 45.0 | 50.0 | 40.0 | 30.0 |
| Tmax(°C) | 22.0 | 21.0 | 20.0 | 20.0 | 20.0 |
| Tmin(°C) | 15.0 | 14.0 | 13.0 | 13.0 | 13.0 |
| RH-I(%) | 85 | 90 | 95 | 95 | 90 |
| RH-II(%) | 55 | 55 | 60 | 60 | 55 |
| Wind Speed(kmph) | 4 | 2 | 2 | 4 | 4 |
| Wind Direction(Degree) | 140 | 140 | 140 | 140 | 140 |
| Cloud Cover(Octa) | 6 | 7 | 8 | 8 | 6 |
| Warning | Thunderstorms & Lightning, Squall etc; Strong Surface Winds | Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds | Very Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds | Thunderstorms & Lightning, Squall etc; Strong Surface Winds | Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds |

Forecast Summary:

The upcoming week predicts light to heavy rainfall of 15-50 mm and maximum-minimum temperature varying between 20.0-22.0oC and 13.0-15.0oC, respectively. The wind is expected to blow from south-east at a speed of 2-4 kmph. Yellow warning has been issued for 20 June regarding the occurrence of thunderstorm accompanied with lightning / intense to very intense rain spell / gusty winds (30-40 kmph) at isolated places. While for 21, 23 & 24 June, yellow warning has been issued for the occurrence of heavy rainfall accompanied by similar conditions as on 20 June with gusty winds (40-50 kmph) at isolated places. On 22 June orange alert has been given regarding the occurrence of heavy to very heavy rain at isolated places along with the thunderstorm condition as predicted on 21 June.

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

Heavy rainfall accompanied by thunderstorm, lightning, intense rain spell, squall & strong surface winds at isolated places.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Waterlogging in agricultural and horticultural crops, impact on germination and scheduled farming practices, spoilage of mature fruit crops. Provide proper trenches for drainage and clearance of water from fields, Provide net protection to young seedlings and delay sowing if remaining, harvest the mature fruits.

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 updates 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 and maximum-minimum temperature trend during 27.06.2025 to 03.07.2025.

SMS Advisory:

As per IMD, medium to heavy rainfall has been predicted so proper drainage should be provided and ripened fruits should be harvested to avoid spoilage and shedding.

Crop Specific Advisory:

| Crop (Stage) | Crop Specific Advisory |
|---|---|
| RICE | The nurseries can be prepared under the predicted rainfall conditions. Proper drainage should be provided in case of excessive rainfall. Other farming operations should be postponed. |
| PIGEON PEA (RED GRAM/ARHAR) (Seedling Growth) | The regular weeding-hoeing operations may be done on light rainfall days or dry days. Proper drainage should be provided in case of heavy rainfall. |
| MAIZE (Sowing) | If sowing has been done then avoid irrigating the crop and provide proper drainage to prevent impact on the crop germination. In case sowing remains in the lower and middle hills then it should be delayed. Any kind of chemical spray against weeds should be postponed. |
| BARNYARD MILLET (Sowing) | Avoid irrigating the freshly sown crop and provide proper drainage in case of heavy rainfall. |
| FINGER MILLET (Sowing) | Avoid irrigating the freshly sown crop and provide proper drainage in case of heavy rainfall. |
| SOYABEAN (Sowing) | The sowing should be delayed under heavy rainfall conditions and irrigation should be avoided in the crop. The already sown crop field should be provided with proper drainage. |

Horticulture Specific Advisory:

| Horticulture (Stage) | Horticulture Specific Advisory |
|--------------------------|---|
| TOMATO (Harvesting) | The ripened tomatoes should be harvested immediately and sent for sale while the infected plants after rainfall should be destroyed to avoid transfer of viral diseases. Polyhouses and shadenets should be used to protect the ripening fruit. |
| POTATO (Harvesting) | The harvested produce should be stored well to avoid spoilage. |
| FRENCH BEAN (Harvesting) | Harvest the ripened produce and send immediately to the market for consumption. |

Live Stock Specific Advisory:

| Live Stock | Live Stock Specific Advisory |
|------------|--|
| COW | Vaccinate the animals against tetanus, enterotoxemia and Hemorrhagic Septicemia. To protect the animals from excessive heat using shady trees. To avoid the insufficiency of fodder, the farmers should store the fodder for such times. To avoid deficiency of important nutrients, sufficient amount of salt mixture along with the fodder should be provided. |
| BUFFALO | Animals between two to four months of age should be vaccinated against black leg/black quarter (BQ). Buffaloes should be kept for wallowing in water in case of extreme hot and humid conditions. |

Likely impacts of weather warnings (General)

Spoilage of mature fruits and harvested horticultural produce, delay in sowing and impact on germination, water logging.

Impact based advisories (General)

The mature fruits should be harvested well in time and sent immediately for consumption or in case of storage should be well stored to avoid spoilage, the already sown crop fields should be provided proper drainage to avoid impact on germination.

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>