



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 : 2026-06-16

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2026-06-16 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-06-17	2026-06-18	2026-06-19	2026-06-20	2026-06-21
Rainfall(mm)	2.0	1.0	1.0	0.0	0.0
Tmax(°C)	26.0	27.0	27.0	28.0	28.0
Tmin(°C)	15.0	15.0	15.0	16.0	16.0
RH-I(%)	64	63	67	65	57
RH-II(%)	26	27	26	27	23
Wind Speed(kmph)	5	7	6	5	5
Wind Direction(Degree)	140	320	320	320	320
Cloud Cover(Octa)	2	2	2	3	3
Warning	Thunderstorms & Lightning, Squall etc; Hailstorm; Strong Surface Winds	No Warning	No Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	No Warning

Forecast Summary:

Light rainfall of 1–2 mm is expected in this area between June 16 and June 21. During this period, the maximum temperature is forecast to range between 26°C and 28°C, while the minimum temperature is expected to be between 15°C and 16°C. Winds may blow from the north-west and north-north-east directions at speeds of 5–7 kmph. A 'Yellow Warning' has been issued for June 17, as isolated areas in Nainital are likely to experience thunderstorms accompanied by lightning, heavy rain, and strong winds (30–40 kmph).

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

Warning issued for thunderstorm/lightning/hail/intense rain spell and gusty winds (30-40 kmph) at isolated places.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Disruption in regular farming activities. Disruption in sowing and germination. Spoilage of ripened fruits. Schedule the farming activities such as irrigation application, chemical application for later days and fresh seedling should be protected using nets. The harvested produce should be stored well or sent immediately for sale or that on tree should be protected using nets.

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, maximum and minimum temperature trend during 16.06.2025 to 21.06.2025.

SMS Advisory:

As per IMD, yellow warning has been issued so the farming activities should be scheduled on later days and small seedlings/mature fruits should be protected using nets.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Nursery)	Prepare nurseries under irrigated conditions in the valley and low hills. Protect the seedlings using nets. Provide proper drainage in the field to avoid seedling damage.
PIGEON PEA (RED GRAM/ARHAR) (Seedling Growth)	The weeding-hoeing operation in the crop should be done on dry days and the seedlings should be protected using nets. Avoid irrigating and provide proper drainage in the field.
FINGER MILLET (Sowing)	In the higher hills, the sowing should be delayed for traditional and high yield varieties of mandua, jhangora, kakun and ramdana and the young seedlings should be protected using shade nets. The fields should be provided proper drainage.
BARNYARD MILLET (Sowing)	In the higher hills, the sowing should be delayed for traditional and high yield varieties of mandua, jhangora, kakun and ramdana and the young seedlings should be protected using shade nets. The fields should be provided proper drainage.
SOYABEAN (Sowing)	The sowing should be postponed and nets should be used to protect the already germinated seedlings

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TOMATO (Physiological Maturity)	The ripened tomatoes in polyhouse should be harvested and due to rainfall occurrence, disease infestation can occur. In case of infestation, the infected plants should be destroyed to control viral disease. The ripened fruits should be immediately sent for sale and proper drainage should be provided in the field.
FRENCH BEAN (Harvesting)	The ripened pods should be harvested soon and sent immediately for market sale.
POTATO (Physiological Maturity)	The harvested potato crop should be stored well
PEACH (Physiological Maturity)	The ripened fruits should be harvested to avoid spoilage and the harvested produce should be sent for sale immediately. Use nets to protect the fruits from damage by external agents.
PLUM (Physiological Maturity)	The ripened fruits should be harvested to avoid spoilage and the harvested produce should be sent for sale immediately. Use nets to protect the fruits from damage by external agents.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	Keep animals under shade and provide proper vaccination. Regular supply of drinking water should be maintained to avoid heat stress. Fans and coolers should be provided in the shed. Buffaloes should be kept for wallowing to avoid heat stress.

Live Stock	Live Stock Specific Advisory
COW	Keep animals under shade and provide proper vaccination. Regular supply of drinking water should be maintained to avoid heat stress. Fans and coolers should be provided in the shed.

Likely impacts of weather warnings (General)

Disruption in regular farming activities. Disruption in sowing and germination. Spoilage of ripened fruits. Schedule the farming activities such as irrigation application, chemical application for later days and fresh seedling should be protected using nets. The harvested produce should be stored well or sent immediately for sale or that on tree should be protected using nets.

Impact based advisories (General)

Schedule the farming activities such as irrigation application, chemical application for later days and fresh seedling should be protected using nets. The harvested produce should be stored well or sent immediately for sale or that on tree should be protected using nets.

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>