



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 : 2026-06-19

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2026-06-19 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-06-20	2026-06-21	2026-06-22	2026-06-23	2026-06-24
Rainfall(mm)	6.0	0.0	1.0	1.0	0.0
Tmax(°C)	24.0	25.0	25.0	25.0	25.0
Tmin(°C)	15.0	15.0	15.0	15.0	15.0
RH-I(%)	61	63	63	63	59
RH-II(%)	26	27	23	24	19
Wind Speed(kmph)	6	5	5	5	5
Wind Direction(Degree)	342	342	340	342	342
Cloud Cover(Octa)	5	1	3	3	1
Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	No Warning	No Warning	No Warning

Forecast Summary:

The upcoming week predicts very light drizzle of 1-6 mm and maximum-minimum temperature varying between 24.0-25.0°C and 15.0°C, respectively. The wind is expected to blow from north-north-west at a speed of 5-6 kmph. Yellow warning has been issued for 19 & 20 June regarding the occurrence of thunderstorm accompanied with lightning, squall, gusty winds (40-50 kmph), strong surface winds at isolated places while no warning has been issued for the other days.

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

Yellow warning regarding thunderstorm/lightning/gusty winds (50-60 kmph) and strong surface winds

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Disruption in regular farming activities. Any chemical spray should be delayed. The harvested produce should be stored well to avoid spoilage.

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 large deficient rainfall and normal maximum-minimum temperature trend during 19 to 25 June.

SMS Advisory:

As per IMD, chemical spray should be scheduled on no warning days and the harvested produce should be immediately sent for sale or stored properly.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Nursery/seedling)	Nursery management should be done and land preparation should be done for transplanting. Avoid water stagnation after thunderstorm. Farmers planning rice transplanting should complete puddling and field preparation during dry periods. Monitor nurseries for leaf folder and stem borer incidence under humid conditions. Avoid fertilizer application during warning days.
PIGEON PEA (RED GRAM/ARHAR) (Seedling Growth)	The regular weeding-hoeing operations may be done in the crops on light rainfall days or dry days.
MAIZE (Vegetative)	Carry out weeding and intercultural operations during dry periods. Monitor the crop for disease/pest occurrence and any chemical spray should be scheduled on no warning days.
FINGER MILLET (Sowing)	Utilize available soil moisture for sowing operations. Follow recommended seed treatment before sowing. Maintain optimum plant population through timely gap filling.
BARNYARD MILLET (Sowing)	Utilize available soil moisture for sowing operations. Follow recommended seed treatment before sowing. Maintain optimum plant population through timely gap filling.
SOYABEAN (Sowing)	Sowing of kharif pulses should be done and scheduled on no warning days so that the available soil moisture can be used.
KIDNEY BEANS/RAJMA (Sowing)	Sowing of kharif pulses should be done and scheduled on no warning days so that the available soil moisture can be used.

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 should be destroyed to avoid transfer of viral diseases. Application of chemical sprays should be scheduled for no warning days.
CUCUMBER (Physiological Maturity)	Monitor for fruit fly and powdery mildew incidence and any chemical spray should be scheduled on no warning days. Harvest mature fruits regularly for better market value.
BOTTLE GOURD (Physiological Maturity)	Monitor for fruit fly and powdery mildew incidence and any chemical spray should be scheduled on no warning days. Harvest mature fruits regularly for better market value.
BITTER GOURD (Physiological Maturity)	Monitor for fruit fly and powdery mildew incidence and any chemical spray should be scheduled on no warning days. Harvest mature fruits regularly for better market value.
CAULIFLOWER (Transplanting)	Sowing and transplanting of cole crops should be done.
CABBAGE (Transplanting)	Sowing and transplanting of cole crops should be done.
PLUM (Harvesting)	Harvest mature fruits at proper maturity stage. Provide support to heavily laden branches to avoid breakage during strong winds. Remove fallen and diseased fruits from orchards.
PEACH (Harvesting)	Harvest mature fruits at proper maturity stage. Provide support to heavily laden branches to avoid breakage during strong winds. Remove fallen and diseased fruits from orchards.
APPLE	Maintain orchard sanitation and undertake plant protection measures during clear weather.
POTATO (Harvesting)	The harvested produce should be stored well to avoid spoilage.

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)

Disruption in regular farming activities.

Impact based advisories (General)

Delay in chemical applications and schedule the application on no warning days.

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>