



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 : 2025-05-20

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-05-20 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-05-21	2025-05-22	2025-05-23	2025-05-24	2025-05-25
Rainfall(mm)	20.0	20.0	22.0	20.0	18.0
Tmax(°C)	29.0	29.0	30.0	28.0	28.0
Tmin(°C)	22.0	20.0	20.0	21.0	20.0
RH-I(%)	63	73	82	76	79
RH-II(%)	26	27	34	34	37
Wind Speed(kmph)	8	8	6	8	8
Wind Direction(Degree)	163	114	140	122	123
Cloud Cover(Octa)	4	6	4	4	6
Warning	Thunderstorms & Lightning, Squall etc; Hailstorm; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds

Forecast Summary:

The upcoming week predicts moderate rainfall of 18-22 mm and maximum-minimum temperature varying between 28.0-30.0°C and 20.0-22.0°C, respectively. The wind is expected to blow from south-east, south-east-east and south-east-south direction at a speed of 6-8 kmph. Yellow warning has been given for isolated places for thunderstorms & lightning, squall, etc., Hailstorm and strong surface winds.

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

Thunderstorm & lightning, squall, etc, strong surface winds at isolated places.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Spoilage of harvested produce, effect on germination, delay in sowing, postponement in the farming operations.

General Advisory:

Farmers can download the "Meghdoot" and "Damini" app available for regular update of meteorological and lightning data, respectively 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 23.05.2025 to 29.05.2025.

SMS Advisory:

As per IMD, thunderstorm/lightning/squall/hailstorm/strong surface winds has been predicted so harvested produce should be stored well and farming operations should be postponed.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Nursery/Seedling)	The irrigation application in nurseries should be postponed and the regular weeding-hoeing operations in Chetki Dhan should also be postponed.
WHEAT (Drying / Threshing)	The harvested produce should be stored in a covered well ventilated place.
PIGEON PEA (RED GRAM/ARHAR) (Germination)	The predicted rainfall may affect germination. Irrigation should be avoided in the freshly sown crop and the already generated one.
MAIZE (Sowing)	Delay sowing of crop and avoid irrigating.
BARNYARD MILLET (Sowing)	Delay sowing the crop and avoid irrigating already sown crop.
FINGER MILLET (Sowing)	Delay sowing the crop and avoid irrigating already sown crop.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
BRINJAL (Vegetative)	Avoid irrigating the crop and postpone other farming operations.
CAPSICUM (Vegetative)	Avoid irrigating the crop and postpone other farming operations.
PUMPKIN (Vegetative)	Delay in applying irrigation to the crop and postpone any other chemical application on the crop.
MANGO	Shedding of fruits may occur so use nets to protect the fruits.
LITCHI	Shedding of fruits may occur so use nets to protect the fruits.
PEACH	Shedding of fruits may occur so use nets to protect the fruits.
PLUM	Shedding of fruits may occur so use nets to protect the fruits.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	Temperature of animal shed should be maintained using cooling devices such as fan, cooler or latest cooling device to maintain the productivity of foreign cows and save them from diseases. Foreign cows are unable to tolerate excessive heat, due to which their ability to consume food decreases which affect their production. Therefore, to maintain the production of foreign cows and to prevent diseases, temperature of animal shed should be maintained using cooling equipment like fan, cooler or latest cooling devices.
BUFFALO	In the summer season, time to time spraying of melathiyani or other insecticide should be done in the drains near the animal shed. Due attention should be given to arrangements for provision of water to animals. The drinking troughs should be kept clean and animals should be provided water at least four times during the day. If symptoms of mastitis are seen in dairy cattle , treat it immediately

Likely impacts of weather warnings (General)

Spoilage of harvested produce, delay in sowing and other farming operations, shedding of fruits, dislodging of crops.

Impact based advisories (General)

Store the harvested produce well in ventilated places, sowing and other farming operations should be postponed, avoid irrigating the crops and use nets to prevent shedding of fruits.

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>