



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
Govind Ballabh Pant University of Agriculture & Technology
 Udham Singh Nagar, Pantnagar, Uttarakhand



Agromet Advisory Bulletin

Date: 23.05.2025

Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2025-05-23 (Valid Till 08:30 IST of the next 5 days)

Parameter	24/05/2025	25/05/2025	26/05/2025	27/05/2025	28/05/2025
Rainfall (mm)	6	25	25	10	30
Max Temp (°C)	27	28	27	27	26
Min Temp (°C)	20	19	18	19	18
Max RH I (%)	70	80	80	80	80
Min RH II (%)	40	45	45	45	45
Wind speed (km/h)	4	6	6	4	8
Wind direction	140	140	140	140	140
Cloud cover	3	6	6	5	6
Warning	Thunderstorm accompanied with lightning / gusty winds (30-40 kmph) likely to occur at isolated places	Thunderstorm accompanied with lightning / Hail/ Intense spell of rain / gusty winds (40-50 kmph) likely to occur at isolated places	Thunderstorm accompanied with lightning / Hail/ Intense spell of rain / gusty winds (40-50 kmph) likely to occur at isolated places	Thunderstorm accompanied with lightning / gusty winds (30-40 kmph) likely to occur at isolated places	Thunderstorm accompanied with lightning / Intense spell of rain / gusty winds (40-50 kmph) likely to occur at isolated places

Weather Summary/ Alert:

During the upcoming days the region is expected to experience moderate to heavy rainfall of 25-30 mm with maximum-minimum temperature of 26-28°C and 18-20°C, respectively. The wind is expected to blow from south-east direction with a speed of 3-6 kmph. A yellow warning has been given regarding thunderstorm accompanied by lightning/gusty winds (30-40 kmph) at isolated places for 23, 26 & 27 May while an orange alert has been given for the occurrence of thunderstorm with lightning/hail/Intense rain spell/ gusty winds (40-50 kmph) with a yellow alert for heavy rains on 24 & 25 May.

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

Yellow warning for thunderstorm accompanied with lightning/gusty winds (30-40 kmph) at isolated places.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories No impact and advisory.

Spoilage of harvested produce and disruption of farming operations. The harvested produce should be stored well and the farming activities like chemical application and weeding-hoeing should be postponed.

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 excess rainfall and below normal maximum and normal minimum temperature trend during 30.05.2024 to 06.06.2024.

SMS Advisory:

As per IMD forecast yellow and orange alert has been given so harvested produce should be stored in well ventilated and covered places and proper drainage should be provided

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Rice	Sowing/Nursery	The rainfall is good for the rice crop and for maintenance of water in nursery but in case of heavy rainfall provide proper drainage. Postpone the weeding-hoeing activities and irrigation application in Chetki Dhan.
Pigeon pea/Red gram/Arhar	Sowing/Germination	Postpone the weeding-hoeing operations and irrigation application in the crop.
Maize	Sowing	Sowing should be delayed and provide proper drainage to already sown fields.
Barnyard millet	Sowing	Sowing should be delayed and provide proper drainage to already sown fields.
Finger millet	Sowing	Sowing should be delayed and provide proper drainage to already sown fields.

Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
Capsicum/ brinjal	Vegetative	Capsicum and brinjal plants should be protected using hailnets and proper drainage should be provided in the field.
Pumpkin/Other cucurbits	Vegetative/fruiting	In case of leaves giving a mottled appearance, the plants should be separated. Avoid irrigating the crop and postpone any chemical application.
Mango	Fruiting	Use hailnet to protect the freshly formed fruits
Litchi	Fruiting	Use hailnet to protect the freshly formed fruits
Peach/Plum	Fruiting	Use hailnet to protect the freshly formed fruits

Live Stock Specific Advisory

Livestock	LiveStockSpecificAdvisory
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 melathiyam 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
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Likely impacts of weather warnings (General)

Spoilage of harvested produce, impact on small seedlings and germination, disruption of farming operations.

Impact based advisories (General)

The harvested produce should be stored well, proper drainage should be provided in the fields and hailnets should be used to protect fresh seedlings and fruits, the farming activities like chemical application and weeding-hoeing should be postponed.