



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 : 2025-05-06

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-05-06 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-05-07	2025-05-08	2025-05-09	2025-05-10	2025-05-11
Rainfall(mm)	18.0	12.0	10.0	8.0	12.0
Tmax(°C)	26.0	26.0	27.0	27.0	27.0
Tmin(°C)	16.0	16.0	17.0	17.0	17.0
RH-I(%)	70	70	70	70	70
RH-II(%)	30	30	30	30	30
Wind Speed(kmph)	2	3	4	3	4
Wind Direction(Degree)	140	90	90	50	50
Cloud Cover(Octa)	7	8	7	7	8
Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds

Forecast Summary:

The upcoming week predicts light to moderate rainfall of 8.0-18.0 mm and maximum-minimum temperature varying between 26.0-27.0°C and 16.0-17.0°C, respectively. The wind is expected to blow from north-east, south-east and east direction at a speed of 7-8 kmph. Yellow alert has been given regarding thunderstorms & lightning, squall, etc. & strong surface winds for the upcoming week 7-11 May. On 6 May hailstorm/ intense shower/ thunderstorm accompanied with lightening/ gusty winds (40-50 kmph) is likely to occur at isolated places over Nainital. Similar conditions of thunderstorm accompanied with lightning/gusty winds (40-50 kmph) is expected at isolated places on 7, 8 and 9 May over Nainital.

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

Yellow warnings regarding occurrence of thunderstorm, lightning, squalls has been given.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Spoilage of harvested produce kept for drying and damage to the germination of freshly sown crop. The harvested produce should be stored well in a covered and well ventilated place, avoid irrigating freshly sown crop and provide proper drainage.

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 large excess rainfall and appreciably below normal maximum and below normal minimum temperature trend during 02.05.2025 to 08.05.2025.

SMS Advisory:

As per IMD forecast, thunderstorm lightning, squalls are likely to occur so harvested produce should stored under covered area and sowing should be delayed.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
WHEAT (Drying / Threshing)	The harvested produce should be dried under covered area and dried produce should be threshed and stored well in well ventilated and covered place.
CHICK PEA (Drying / Threshing)	The harvested produce should be dried under covered area and dried produce should be threshed and stored well in well ventilated and covered place.
LENTIL (Drying / Threshing)	The harvested produce should be dried under covered area and dried produce should be threshed and stored well in well ventilated and covered place.
MUSTARD (Drying / Threshing)	The harvested produce should be dried under covered area and dried produce should be threshed and stored well in well ventilated and covered place.
RICE (Sowing)	Under irrigated conditions in the medium and higher hills nursery preparation should be delayed and scheduled after rains. The regular weeding-hoeing in Chetki Dhan should be delayed under wet spell.
PIGEON PEA (RED GRAM/ARHAR) (Sowing)	The sowing should be delayed and scheduled after rains.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
FRENCH BEAN (Germination)	All the chemical applications should be delayed and scheduled after rains.
COWPEA/ LOBIA (Germination)	All the chemical applications should be delayed and scheduled after rains.
TOMATO (Transplanting)	Though irrigation is required just after transplanting the crops but it should be delayed under wet spell conditions. One month old transplanted crop should be top dressed using urea after rains.
BRINJAL (Transplanting)	Though irrigation is required just after transplanting the crops but it should be delayed under wet spell conditions. One month old transplanted crop should be top dressed using urea after rains.
CAPSICUM (Transplanting)	Though irrigation is required just after transplanting the crops but it should be delayed under wet spell conditions. One month old transplanted crop should be top dressed using urea after rains.
PUMPKIN (Vegetative)	All the chemical applications for the cucurbitaceous crops of Pumpkin family should be delayed and scheduled after rains.
CABBAGE (Sowing)	Sowing should be delayed and scheduled after rains.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	The animals should be kept in well ventilated places and should be continuously supplied with sufficient water. Proper fans and coolers should be arranged and the animals should be regularly washed with cold water to keep them calm. Animals of two months of age should be given an anthelmintic medicine called Piperazine and animals of two to four months of age should be vaccinated against lameness and fever.
COW	The animals should be kept in well ventilated places and should be continuously supplied with sufficient water. Proper fans and coolers should be arranged and the animals should be regularly washed with cold water to keep them calm. Animals of two months of age should be given an

Live Stock	Live Stock Specific Advisory
	anthelmintic medicine called Piperazine and animals of two to four months of age should be vaccinated against lameness and fever.

Others (Soil / Land Preparation) Specific Advisory:

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GENERAL ADVICE	After harvesting the rabi crops, the fields should be cleaned well, ploughed deep to expose the harmful insects, their stages and harmful weeds for destruction. Green manuring should be done after harvesting wheat and other crops which can be done by sowing dhaincha @50-60 kg/ha and sunai @80-90 kg/ha as per the soil.

Likely impacts of weather warnings (General)

Spoilage of harvested produce, impacts sowing and germination.
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Impact based advisories (General)

Proper storage of harvested produce, avoid irrigating freshly sown/germinated crop and delay sowing of crops.

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>