



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



Agromet Advisory Bulletin

Date : 2025-06-13

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-06-13 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-06-14	2025-06-15	2025-06-16	2025-06-17	2025-06-18
Rainfall(mm)	8.0	10.0	12.0	12.0	12.0
Tmax(°C)	38.0	38.0	38.0	38.0	38.0
Tmin(°C)	28.0	28.0	27.0	27.0	27.0
RH-I(%)	79	80	73	72	74
RH-II(%)	30	35	36	30	32
Wind Speed(kmph)	15	12	14	15	18
Wind Direction(Degree)	134	107	102	123	100
Cloud Cover(Octa)	4	4	5	5	5
Warning	NA	NA	NA	NA	NA

Forecast Summary:

Last week (6 to 12 June) 0.0 mm rainfall was recorded with the maximum-minimum temperature ranging 35.2 to 39.6oC and 21.0 to 30.8oC, respectively. The morning and evening relative humidity ranged between 59-67% and 33-41%, respectively while the wind blew from south-west, west-south-west, west-north-west, east-south-east and east direction at a speed varying between 1.2-5.6 kmph. Most of the days were humid last week. The upcoming forecast shows light to medium rainfall of 8-12 mm from 13 to 17 June and maximum-minimum temperature are expected to vary as 38.0 and between 27.0-28.0oC, respectively. The wind is expected to blow from south-east, east-south and south-east-east direction at a speed of 12-18 kmph. A yellow warning has been issued from 13 to 17 June regarding the occurrence of thunderstorm accompanied with lightning / intense rain spell/ gusty winds (40-50 kmph) at isolated places.

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

Light rainfall accompanied by thunderstorm/lightning/intense rain spell/gusty winds (40-50 kmph).

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Spoilage of ripened produce and its shedding, disruption of farming operations like sowing and chemical application, weeding-hoeing. Provide proper harvesting and storage to the harvested produce, postpone regular farming activities like chemical application and regular weeding-hoeing.

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 indicates excess rainfall and normal maximum-minimum temperature trend during 20.06.2025 to 26.06.2025.

SMS Advisory:

As per IMD, yellow warnings have been given regarding the occurrence of thunderstorm and lightning so the proper harvesting and storage of ripened produce should be provided.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Sowing)	The nursery preparation can be continued and do not apply irrigation under medium rainfall. Shade nets can be used to protect the seedlings from direct impact of weather.
PIGEON PEA (RED GRAM/ARHAR) (Sowing)	Delay sowing under medium rainfall conditions and avoid irrigating the sown crop under similar conditions.
SUGARCANE (Vegetative)	Avoid irrigating the crops under medium rainfall conditions and postpone the other farming operations under predicted conditions.
MAIZE (Harvesting)	The ripened spring maize cobs should be harvested in time and the harvested produce should be stored well.
MAIZE (Sowing)	Sowing should be postponed under medium rainfall conditions.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
BRINJAL (Transplanting)	The transplanting operation should be delayed and the young seedlings should be protected from the weather impact using shade nets.
PUMPKIN (Physiological Maturity)	Store the harvested produce properly and harvest the ripened fruits well in time. Avoid irrigating the crops and delay any chemical application in the crop.
TOMATO (Maturity and Harvesting)	Farmers should harvest the ripened tomato crop. There are chances of occurrence of disease after rainfall so destroy infected plants (when shriveled pitted leaves are visible) to control viral diseases. Polyhouses or shade nets should be provided to protect the fruits and the ripened fruits should be immediately sent for sale.
OKRA/ LADYFINGER (Physiological Maturity)	Avoid any insecticide application in the crop under predicted conditions.
CHILLI (Harvesting)	Harvest the ripened crop for sale and storage should be done properly.
GINGER (Planting)	The planting can be done and young plantlets should be protected using shade nets.
TURMERIC (Planting)	The planting can be done and young plantlets should be protected using shade nets.
PEACH (Harvesting)	Harvest the ripened fruits and send immediately for sale.
PLUM (Harvesting)	Harvest the ripened fruits and send immediately for sale.
PEAR (Harvesting)	Harvest the ripened fruits and send immediately for sale.

Live Stock Specific Advisory:

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

Likely impacts of weather warnings (General)

Spoilage of ripened fruits and harvested produce, delay in sowing and other farming operations.

Impact based advisories (General)

The harvested produce should be immediately sent for sale and stored well, the sowing and other farming operations should be delayed under the predicted conditions.

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>