



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 : 2025-05-27

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-05-27 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-05-28	2025-05-29	2025-05-30	2025-05-31	2025-06-01
Rainfall(mm)	2.0	2.0	5.0	10.0	12.0
Tmax(°C)	37.0	37.0	36.0	36.0	36.0
Tmin(°C)	24.0	25.0	25.0	27.0	27.0
RH-I(%)	71	67	70	75	78
RH-II(%)	31	35	35	38	34
Wind Speed(kmph)	8	8	9	10	12
Wind Direction(Degree)	136	152	169	175	186
Cloud Cover(Octa)	2	3	3	5	5
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:

During last week (20-26 May) 37.0 mm rainfall was recorded and the maximum-minimum temperature ranged between 31.5 to 37.5°C and 21.1 to 26.9°C, respectively. The morning and evening relative humidity ranged between 67-91% and 38-66%, respectively. The wind blew from west, south-east, east, east-north-east direction at a speed ranging 5.3-11.6 kmph. The weather was windy with rainfall occurring during last week. The upcoming week is expected to receive light rainfall of 2-12 mm with maximum-minimum temperature ranging 36.0-37.0°C and 24.0-27.0°C, respectively. The wind is expected to blow from south-east, south-south-east, south-west direction at a speed of 8-12 kmph. Yellow warning has been issued from 27-31 May regarding occurrence of thunderstorm accompanied with lightning, squall, gusty winds (30-40 kmph) etc. and strong surface winds at isolated places.

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

Thunderstorms, lightning, squall, gusty winds (30-40 kmph) and strong surface winds is expected at isolated places.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Falling of crop, impact on germination, spoilage of harvested produce and impact on livestock health. Avoid irrigating the crop, proper storage of harvested produce and proper protection to livestock.

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, light rainfall with yellow warning has been given so avoid irrigating the crops, store the harvested produce properly and protect livestock from harm.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Nursery Bed Preparation)	The transplanting nursery for rice can be prepared by wet or dry method. By wet method in irrigated areas nursery can be prepared 15-20 days before transplanting. In this water is added and all the weeds are allowed to germinate which are further puddled in the field itself. Dry method can be used in rainfed areas. Sowing can be done under light rainfall conditions.
SUNFLOWER	The mature sunflower heads should be harvested and dried under covered place while in case of standing crops scaring away the birds is an important activity to prevent yield losses. Avoid irrigating the crop.
BLACK GRAM (Flowering)	The regular weeding-hoeing operation can be done and light irrigation may be applied only if soil feels dry .
GREEN GRAM (Flowering)	The regular weeding-hoeing operation can be done and light irrigation may be applied only if soil feels dry .
SUGARCANE (Vegetative)	The irrigation and hoeing-weeding operations should be delayed in the crop and and postpone application of insecticide.
MAIZE	In spring maize apply apply light irrigation only if soil feels dry otherwise avoid irrigating.
DAINCHA (Seedling Growth)	After wheat harvesting, green manuring crops like daincha should be sown and irrigation should be applied if required to maintain moisture.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
COWPEA/ LOBIA (Vegetative)	The crop should be given light irrigation only if moisture is required and regular farming operations can also be done as very light rainfall has been predicted.
PUMPKIN (Vegetative)	Mottled leaves if observed in the Pumpkin type vegetables, plant should be separated from others. The chemical spray should be postponed. Light irrigation should be applied only if moisture seems less. Mulch may be used to conserve moisture.
OKRA/ LADYFINGER (Vegetative)	Destroy the plants with yellow veins and application of insecticide for sucking pests should be postponed. Moisture should be maintained in the crop so light irrigation should be applied if moisture seems less. Mulch may be used to conserve moisture.

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.

Live Stock	Live Stock Specific Advisory
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

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Intercultural operations can be done in sugarcane and cucurbits. In case of strong wind avoid irrigating standing crops

Likely impacts of weather warnings (General)

Crop may fall, spoilage of harvested produce, impact on germination and harm to livestock.
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Impact based advisories (General)

Avoid irrigating the standing crop, proper storage of harvested produce, avoid sowing and provide proper drainage, keep the livestock under covered area.

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>