



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 : 2025-09-23

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-09-23 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-09-24	2025-09-25	2025-09-26	2025-09-27	2025-09-28
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	35.0	35.0	34.0	35.0	34.0
Tmin(°C)	25.0	24.0	25.0	24.0	24.0
RH-I(%)	86	86	84	82	76
RH-II(%)	56	56	54	56	5
Wind Speed(kmph)	3	2	3	5	6
Wind Direction(Degree)	160	140	150	240	250
Cloud Cover(Octa)	1	1	0	0	2
Warning	No Warning	No Warning	No Warning	No Warning	No Warning

Forecast Summary:

Last week (16 to 22 September), the region experienced 4.8 mm rainfall with the maximum-minimum temperature varying between 30.4 to 32.6oC and 23.5 to 25.5oC, respectively. The morning and evening relative humidity varied between 89-93% and 60-75%, respectively while the wind blew from east-south-east, east-north-east, south-south-west, south-west, west-north-west, south-south-east, east-south-east and east-north-east direction at a speed ranging 1.7-6.6 kmph. Clouds were observed on few days last week. The upcoming forecast shows no rainfall and maximum-minimum temperature are expected to be 34.0-35.0oC and 24.0 to 25.0oC, respectively. The wind is expected to blow from south-south-east, south-east, south-east-south, south-west-west and west-south-west direction at a speed of 2-6 kmph. No warning has been issued for the region.

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

No warning has been issued.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

No impact.

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 large deficient rainfall and normal maximum-minimum temperature trend during 19.09.2025 to 25.09.2025.

SMS Advisory:

As per IMD forecast, no warning has been issued so the agricultural activities should be done as scheduled.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Panicle Initiation)	The rice crop is prone to disease/pest so it should be properly monitored and recommended chemical spray should be done to control the disease/pests in the crop.
SUGARCANE (Grand growth)	The red rot infested canes should be removed and burned to stop further spread. Complete destruction of infected canes and use of treated seeds are the best preventive measures. In case of white grub infestation Fipronil 40 percent and Imidacloprid 40 percent WG@200g/acre should be applied in the field by dissolving it in 500 liters of water.
SUGARCANE (Sowing)	The sowing of autumn sugarcane should be done with treated sugarcane seed by Carbendazim 50% WP @0.1% solution for 10 mins. For autumn sowing the lower 2/3rd portion of sugarcane stalk is used.
MAIZE (Vegetative)	In case of fall army worm attack, Chlorantraniliprole 18.5 SC @0.4ml/l of water should be applied while application of Mancozeb or Zineb 75 WP @ 1.5 -2.0 kg in 750- 800 litres of water per hectare should be done on occurrence of blight . Second spraying should be done at 10-15 days interval. The early maize varieties should be harvested on maturity and dried well before storage.
BLACK GRAM (Vegetative)	The crop is in the vegetative stage so regular monitoring and weeding is required and light irrigation should be applied to maintain soil moisture under pod formation stage. The white fly population should be controlled using chemical spray.
GREEN GRAM (Vegetative)	The crop is in the vegetative stage so regular monitoring and weeding is required and light irrigation should be applied to maintain soil moisture under pod formation stage. The white fly population should be controlled using chemical spray.
SOYABEAN (Pod Development)	Sufficient soil moisture should be maintained on flower/pod formation. On occurrence of yellow mosaic virus which is transferred by white fly, apply pyriproxyfen 10 E.C. @0.5 litre / ha mixed in 500-600 litre of water at 10-12 days interval. The farmers should use resistant varieties against yellow mosaic virus and chemical application should be done keeping the forecast in mind.
GROUNDNUT (Vegetative)	For treatment of Tikka disease, Chlorothalonil @2 kg/ha or Mancozeb 80% @2 kg/ha or Propiconazole 25 EC @500 ml dissolved in 800 to 1000 litres per hectare should be sprayed 2-3 times at an interval of 10-12 days. On pegging or pod formation sufficient soil moisture should be maintained by irrigating as and when required.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CAULIFLOWER (Seedling Growth)	In the transplanted crop light hoeing should be done and soil should be used to cover the roots.
RADISH (Germination)	In radish crop the irrigation should be applied keeping the forecast in mind.
CARROT (Germination)	After germination regular weeding should be done and plant to plant distance should be maintained.
BEETROOT (Germination)	Irrigation should be applied to maintain the soil moisture.
SPINACH (Germination)	Irrigation should be applied to maintain the soil moisture.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	After 15 days calves should be fed with calcium, magnesium, phosphorus, zinc, iron, iodine and copper elements should be consumed in the form of salt mixture or mineral drops.
BUFFALO	To prevent 'footrot' disease, hooves should be dipped in 10% formalin solution or 5% blue solution for 2-3 minutes in the morning and evening for at least 3 days.
GOAT	In rural areas, 2 shots of tetanus toxoid should be administered to sheep and goats at one month and the other at 5 months, so that newborn lambs do not get tetanus disease.
SHEEP	In rural areas, 2 shots of tetanus toxoid should be administered to sheep and goats at one month and the other at 5 months, so that newborn lambs do not get tetanus disease.

Likely impacts of weather warnings (General)

No impact.

Impact based advisories (General)

No advisory.

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>