Gramin Krishi Mausam Sewa

Agromet Advisory Bulletin for UDAMSINGH-NAGAR District

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Udham Singh Nagar,Pantnagar, Uttarakhand

Agromet Advisory Bulletin

Date : 2026-09-22

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2026-09-22 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-09-23	2026-09-24	2026-09-25	2026-09-26	2026-09-27
Rainfall(mm)	0.0	0.1	10.0	15.0	61.0
Tmax(°C)	35.0	35.0	34.0	33.0	31.0
Tmin(°C)	24.0	23.0	24.0	24.0	23.0
RH-I(%)	84	81	92	94	94
RH-II(%)	48	49	59	68	68
Wind Speed(kmph)	3	5	6	23	25
Wind Direction(Degree)	32	29	28	30	356
Cloud Cover(Octa)	0	0	3	4	5
Warning	No Warning	No Warning	No Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Very Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds

Forecast Summary:

During last week (12 to 21 September) 36.4 mm rainfall was recorded and the maximum-minimum temperature ranged between 32.1 to 34.6oC and 21.4 to 25.4oC, respectively. The morning and evening relative humidity ranged between 81-95% and 54-70%, respectively. The wind blew from south-south-east, east-south-east, west, west-north-west, south-south-west, south, east-north-east and south-west direction at a speed ranging 0.2 to 7.8 kmph. The weather was humid and hot on most days last week. The upcoming week predicts light to heavy rainfall of 10-61 mm and maximum-minimum temperature varying between 31.0-35.0oC and 23.0-24.0oC, respectively. The wind is expected to blow from north-north-east, north-east-north and north direction at a speed of 3-25 kmph. No warning has been issued for 22, 23 and 24 September while yellow warnings regarding thunderstorms, lightning, squall and strong surface winds has been issued for 25 September and for very heavy rainfall, thunderstorm, lightning, squall and strong surface winds has been issued for 26 September .

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

No warning

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

No significant impact for early week but at later week there are chances of occurrence of heavy rainfall so drainage should be maintained in the crops and no irrigation should be applied as it could cause lodging in the crops.

General Advisory:

The farmers and other related community can download the “Mausam” and "Meghdoot" app for regular weather information, rainfall alerts and crop advisory services. "Damini" app is also available for regular update of lightning data. Meghdoot and Mausam app is now also using crowdsourcing which will help IMD collect data from the farmers and further strengthen forecasting and its application in agricultural operations. 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, normal maximum and minimum temperature trend during 18.09.2026 to 24.09.2026. The NDVI value shows good to very good agriculture vigour in the district.

SMS Advisory:

As per IMD forecast, no warning has been issued for early week so any chemical spray can be scheduled during this time but in later week heavy rainfall is expected so farmers should remain alert

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Panicle Initiation)	The current stage of 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. The farmers should remain alert for later week as heavy rainfall may disrupt the chemical spray action. Avoid irrigating the crop in later week and maintain proper drainage in the crop.
SUGARCANE (Grand growth)	The red rot infested canes should be removed and burned to stop further spread. 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. The chemical spray should be scheduled for the early week only and for later week the farmers may face chemical application disruption. Avoid irrigating the crop in later week as it may cause lodging and maintain proper drainage to avoid water logging.
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. The later week shows heavy rainfall and strong winds forecast so irrigation should be avoided in the later week and there may be disruption in the chemical application as well so farmers may take these actions in the early week.
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. The chemical spray should be avoided in later week as it may be disrupted due to rains. Maintain proper drainage.
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. The chemical spray should be avoided in later week as it may be disrupted due to rains. Maintain proper drainage.
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. Maintain proper drainage in the crop.

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. Maintain proper drainage in the crop and avoid irrigating

Horticulture (Stage)	Horticulture Specific Advisory
	in the later week.
RADISH (Germination)	In radish crop the irrigation should be applied keeping the forecast in mind. Maintain proper drainage in the crop.
CARROT (Germination)	After germination regular weeding should be done and plant to plant distance should be maintained. Maintain proper drainage and avoid irrigating in later week.
BEETROOT (Germination)	Maintain soil moisture and provide drainage during later week under heavy rainfall.
SPINACH (Germination)	Maintain soil moisture and provide drainage during later week under heavy rainfall.

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 toxide should be administered to 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 toxide should be administered to sheep at one month and the other at 5 months, so that newborn lambs do not get tetanus disease.

Likely impacts of weather warnings (General)

Accidents and disruption in routine work

Impact based advisories (General)

Avoid unnecessary travel.

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/

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Damini MobileApp link : https://play.google.com/store/apps/details

