



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
Govind Ballabh Pant University of Agriculture & Technology



Udham Singh Nagar, Pantnagar, Uttarakhand

Agromet Advisory Bulletin

Date : 11-08-2023

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2023-08-11(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-08-12	2023-08-13	2023-08-14	2023-08-15	2023-08-16
Rainfall(mm)	45.0	60.0	90.0	70.0	30.0
Tmax(°C)	33.0	32.0	30.0	28.0	31.0
Tmin(°C)	26.0	25.0	24.0	24.0	25.0
RH-I(%)	90	95	95	95	90
RH-II(%)	60	55	65	75	75
Wind Speed(kmph)	12	12	16	10	8
Wind Direction(Degree)	140	140	110	90	70
Cloud Cover(Octa)	8	7	8	8	6

Weather Summary/Alert:

In the last seven days (August 4-10), 234.8 mm of rainfall was recorded and the maximum and minimum temperature ranged between 30.0 to 34.0 °C and 24.4 to 27.8 °C. The sky remained cloudy on most of the days last week. The morning relative humidity ranged between 86 to 97% at 0712 hrs and the evening relative humidity ranged between 64 to 90% at 1412 hrs. The wind speed was 0.6 to 6.9 kmph and the wind direction was mostly towards North-North-East. The forecast for the upcoming five days till 16 August shows moderate to heavy rainfall ranging 45-90 mm while the maximum and minimum temperature would vary between 28- 33 degree celsius and 24-26 degree celsius, respectively. The wind speed would range between 8-16 kmph and wind direction would mostly be south-east. Light to moderate rain/thunderstorm likely to occur at most places on 11th, 12th , 13th, 14th & 15th August. Light to moderate rain/thunderstorm likely to occur at many places in Udham Singh Nagar on 16th August, 2023. Warning: An orange alert regarding heavy to very heavy rainfall accompanied by lightning/thunderstorm and intense rain spell has been issued for 11 and 15 August while a red alert has been given regarding similar conditions for 12, 13 and 14 at isolated places of the region.

General Advisory:

The realized rainfall for 3 to 9 August was 115 mm against a normal rainfall of 93 mm which represents a 24% deviation in rainfall for the state and the condition showed excess rainfall condition. The farmers are advised to download "Meghdoot App" to get last week's weather, weather forecast and agrometeorological advice and "Damini App" to get lightning information. Meghdoot and Damini apps can be downloaded from Google Play Store (Android users) and App Center (iOS users). This will help them in taking right decisions regarding farming activities.

SMS Advisory:

The district may experience moderate to heavy rainfall thus proper drainage should be maintained.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Proper drainage should be arranged in the field and all the farming activities should be done keeping the forecast in mind.
SUGARCANE	Maintain proper drainage in the field and all farming activities should be done keeping the forecast in mind.
MAIZE	All the chemical sprays should be avoided and proper drainage should be maintained in the field.
GREEN GRAM	The sowing of the crop should be delayed and farming activities in the previous month's should be done keeping the forecast in mind.
BLACK GRAM	The sowing of the crop should be delayed and farming activities in the previous month's should be done keeping the forecast in mind.
GROUNDNUT	All the chemical sprays should be avoided and proper drainage should be maintained in the field.
SESAME (GINGELLY/TIL)	All the chemical sprays should be avoided and proper drainage should be maintained in the field.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
TOMATO	Harvest the ripe tomatoes regularly. All the chemical sprays should be avoided and proper drainage should be maintained in the field.
PUMPKIN	The harvested crop should be stored properly and proper drainage should be maintained in the standing crop.
MANGO	The sowing activities can be delayed for the time being and all other farming activities should be done keeping the forecast in mind.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	After giving birth, Utrotane / Harira / Ginetone @200 ml should be given for three days during morning and evening for cleaning the uterus. In this month, there is a lot of problem of infectious vats diarrhoea, so clean the cattle shed 2-3 times a day and use disinfectant. Cows/Buffaloes must be given anthelmintic medicine about two weeks after calving, along with this liver tonic, salt mixture and blood booster etc. should also be given for 15 days.
BUFFALO	After giving birth, Utrotane / Harira / Ginetone @200 ml should be given for three days during morning and evening for cleaning the uterus. In this month, there is a lot of problem of infectious vats diarrhoea, so clean the cattle shed 2-3 times a day and use disinfectant. Cows/Buffaloes must be given anthelmintic medicine about two weeks after calving, along with this liver tonic, salt mixture and blood booster etc. should also be given for 15 days.