



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 : 07-07-2023

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2023-07-07(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-07-08	2023-07-09	2023-07-10	2023-07-11	2023-07-12
Rainfall(mm)	90.0	30.0	50.0	55.0	80.0
Tmax(°C)	28.0	30.0	30.0	29.0	28.0
Tmin(°C)	26.0	26.0	26.0	26.0	24.0
RH-I(%)	95	95	95	95	95
RH-II(%)	65	75	75	75	80
Wind Speed(kmph)	12	12	10	14	16
Wind Direction(Degree)	110	70	70	110	110
Cloud Cover(Octa)	7	8	8	8	8

Weather Summary/Alert:

In the last seven days (June 30 - July 6), 154.8 mm of rainfall was recorded and the maximum and minimum temperature ranged between 30.0 to 35.0 °C and 24.4 to 27.3 °C. The sky remained cloudy for most of the day. The morning relative humidity ranged between 83 to 93% at 0712 hrs and the evening relative humidity ranged between 67 to 92% at 1412 hrs. The wind speed was 2.7 to 8.5 kmph and the wind direction was mostly towards North-East and East-South-East. Next five days forecast indicates moderate to heavy rain from 08.07.2023 to 12.07.2023 Which will be between 30-90 mm. The maximum and minimum temperature will be between 28 -30 degree Celsius and 24 -26 degree Celsius. During this time the wind speed will be between 10-16 kmph and the direction will be mainly North East and East-South-East. **WARNING:** Warning of rain/storm with lightning and heavy/severe rain has been issued from 08.07.2023 to 12.07.2023.

General Advisory:

It is rainy season so farmers are advised to download "Meghdoot App" to get last week's weather, weather forecast and agrometeorological advice and "Damini App" to get power 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 for the suitable farming activities. Also don't let the animals get wet in rain as it can invite skin related diseases.

SMS Advisory:

Moderate to heavy rainfall with thunder and lightning has been predicted from July 8 to 12, 2023, so farmers need to be alert.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Transplantation of medium varieties should be completed by first week of July and early maturing varieties by third week of July. During transplanting, row to row distance of 20 cm and plant to plant distance of 10 cm or 15 cm on both sides should be kept. 2-3 plants should be planted on a hill. Plants should be planted at 2-3 cm depth.
MAIZE	Sowing of maize should be confirmed by the first fortnight of July and should be sown on ridges. Seed treatment should be done before sowing. Be sure to sow keeping in mind the weather forecast
SOYABEAN	Stage: Sowing The suitable time for sowing of soybean in Bhavar and Terai is from the last week of June to the first week of July. According to the weather forecast, moderate to heavy rain is being told, farmer brothers are advised to postpone the sowing of soybean for some time.
GROUNDNUT	farmer brothers, you are advised to postpone the sowing of groundnut for some time now.
SUGARCANE	Keeping in view the moderate to heavy rainfall as per the weather forecast, it is advised that sugarcane should have proper drainage system, keep it in the field and apply a small amount of soil on the root surface.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
OKRA/ LADYFINGER	10-12 kg of okra seeds are required during the rainy season. Before sowing, treat the seeds with fungicide, keep the seed sowing distance of 60 cm from row to row and 30 cm from plant to plant and uproot the remaining plants. Be sure to do sowing keeping in mind the weather forecast.
PUMPKIN	Stage: Harvesting Harvesting of pumpkin crops should be finished at the earliest keeping in view the weather forecast so that the crop can be taken to the market in time.
TURMERIC	Due to moderate to heavy rainfall according to the weather forecast, you are advised to maintain proper drainage system in the turmeric field.
CHILLI	Stage: Harvesting The harvesting of chilli crop should be finished at the earliest keeping in view the weather forecast so that the crop can be taken to the market in time.
TOMATO	Stage: Harvesting Farmers should harvest the ripe tomato crop. After the rains, the possibility of getting disease is more, keeping the weather forecast in mind, complete the work of harvesting as soon as possible so that the crop can be taken to the market in time.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Get animals vaccinated to protect them from infectious diseases. At the beginning of the monsoon, a sudden strong Protect animals from heavy rains because it causes skin irritation like disorders. Outbreak of worms increases in these seasons and to avoid this use of anthelmintic Do it with the help of the nearest veterinarian. Looking at the weather forecast, there is a possibility of rain stagnation in the cattle shed. Do not allow water to collect and keep proper drainage system.
BUFFALO	Get animals vaccinated to protect them from infectious diseases. In the beginning of monsoon, save the animals from sudden strong sunlight and heavy rains because due to this a disorder like irritation of the skin arises. In these seasons, the outbreak of worms increases and to avoid this, use anthelmintic with the help of the nearest veterinarian. Looking at the weather forecast, do not allow rain water to collect in the cattle shed and keep drainage system in place.