



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 : 17-09-2021

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-09-17(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-09-18	2021-09-19	2021-09-20	2021-09-21	2021-09-22
Rainfall(mm)	0.0	1.0	5.0	6.0	6.0
Tmax(°C)	30.0	33.0	34.0	33.0	33.0
Tmin(°C)	18.0	21.0	22.0	21.0	21.0
RH-I(%)	70	80	80	80	75
RH-II(%)	50	50	55	50	55
Wind Speed(kmph)	8.0	10.0	9.0	10.0	10.0
Wind Direction(Degree)	75	80	70	50	90
Cloud Cover(Octa)	5	2	6	8	8

Weather Summary/Alert:

In the last seven days (10 – 16 September, 2021), there was 27.2 mm rain and the sky was cloudy to dense cloudy. The maximum & minimum temperatures ranged between 31.0 to 35.0°C and 23.4 to 25.5°C respectively. Relative humidity ranges from 64 to 92 % at 0712 hrs and 60 to 85 % at 1412 hrs. The winds run mainly from the ENE & ESE with a speed of 2.1 to 8.4 km/hour. There is a forecast of very light to light rain at some places in the next five days otherwise weather will remain clear. Maximum & minimum temperature may range from 30.0 to 34.0 deg C & 18.0 to 22.0 deg C respectively. Wind will blow with a speed of 8.0-10.0 km/hr from the ENE & E direction. As per ERFS products rainfall & minimum temperature will be above normal and maximum temperature will be normal from 22 - 28 September in the state. Warning: Thunderstorm accompanied with lightning and intense showers at isolated places from 19-21 September.

General Advisory:

Farmers are advised to download the "DAMINI App" to get the lightning activity and "Meghdoot App" to get past week weather, weather forecast, and agromet advisory. DAMINI and Meghdoot App can be downloaded from the google play store (Android users) and App Center (IOS users). NDVI & SPI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.35-0.50 for U S Nagar i.e. agriculture vigor is moderate to good in the district. SPI map indicates the mildly wet conditions in the district for the past 4 weeks. Farmers should spray chemicals keeping in mind the weather forecast.

SMS Advisory:

There is a forecast of very light to light rain at isolated places in the next five days. Farmers should spray chemicals in clear weather by keeping in view the weather forecast.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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Crop(Varieties)	Crop Specific Advisory
RICE	In the current season, the outbreak of blast disease is being seen in the paddy crop, therefore, to control the blast disease, spray Carbendazim 50 WP (Bavistin) @ 1000 grams / hectare during clear weather.
SUGARCANE	Sowing of winter season sugarcane crop should be done.
RAPESEED	Sowing of Rapeseed (Toriya / Lahi) in the plain area should be done in this second fortnight of September as soon as time is available and keeping in mind the weather forecast.
MAIZE	During the ripening of crops like maize, jowar and millet etc., excessive damage is caused by parrots and other birds. To avoid the harm from the birds, sound should be played by beating tin with wood. Nowadays, farmers can also save the crop from bird by applying red colored fire reflective tape which are available in the market at an interval of 15-20 feet at a height of 1 feet from the field. Its cost comes to around Rs 1500-2000 per hectare . In this, due to the brightness of the lights during the day, the birds feel the fire and there is also a sound due to the collision of the wind.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
AONLA	For proper growth and good quality of fruits of Amla (Gooseberry), Borex @200-250g/ tree basin may be applied
BOTTLE GOURD	Provide support by making scaffolds in bottle gourd vegetable.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	After 15 days of the birth of the calves, calcium, magnesium, phosphorus, zinc, iron, iodine, copper elements should be given in the form of salt mixture or mineral drops. Due to their deficiency, the cows start eating the soil, due to which they become infected with roundworms and coccidiosis disease.