



**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 : 18-08-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-08-18(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-08-19	2022-08-20	2022-08-21	2022-08-22	2022-08-23
Rainfall(mm)	40.0	15.0	10.0	5.0	5.0
Tmax(°C)	33.0	35.0	35.0	36.0	35.0
Tmin(°C)	24.0	25.0	24.0	24.0	24.0
RH-I(%)	76	87	86	77	72
RH-II(%)	47	50	60	57	47
Wind Speed(kmph)	10.0	8.9	8.4	9.4	14.0
Wind Direction(Degree)	281	315	112	90	90
Cloud Cover(Octa)	4	8	8	8	7

### Weather Summary/Alert:

In the last seven days (11 – 17 Aug, 2022), there was 8.2 mm rain and the sky was Cloudy to dense cloudy. The maximum & minimum temperatures ranged between 32.0 to 35.0°C and 25.1 to 27.4°C respectively. Relative humidity ranges from 71 to 90 % at 0712 hrs and 59 to 87 % at 1412 hrs. The wind was mainly from the ENE, WSW & ESE with a speed of 0.3 to 7.9 km/hour. Moderate rain on 18 August and light rain from 19 to 22 August may likely occur. Maximum & minimum temperature may range from 33.0 to 36.0 deg C & 24.0 to 25.0 deg C respectively. Wind will blow with a speed of 8.0-14.0 km/hr from the WNW, NW, ESE & E direction. Warning: Heavy rain likely to occur in some areas on 18 August. As per ERF, the rainfall, maximum and minimum temperature will be normal in the state from 21 to 27 August.

### General Advisory:

NDVI & SPI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.1-0.45 for Udham Singh Nagar i.e. agriculture vigor is moderate in the district. SPI map indicates the mildly dry conditions in the district for the past 4 weeks (14 July to 10 August). Farmers are advised to download the “Meghdoot App” to get past week weather, weather forecast, and agromet advisory and "Damini App" to get lightning information. Meghdoot and Damini Apps can be downloaded from the google play store (Android users) and App Center (IOS users). Establishment of new orchard should be done. Maintain proper drainage system in the field and spraying of chemical should not done by keeping in view the weather forecast..

### SMS Advisory:

Moderate rain on 18 August and light rain from 19 to 22 August may likely occur. Warning: Heavy rain likely to occur in some areas on 18 August. Maintain proper drainage system in the field .

**Crop Specific Advisory:**

<b>Crop(Varieties)</b>	<b>Crop Specific Advisory</b>
RICE	In some areas, infestation of bacterial leaf blight are found in the paddy crop. If tip of the leaves turn white or both sides of leaf turned white then in these fields spraying of 500g Copper oxichloride and 15g streptomycin in 500 liter water should be done. These chemicals should be sprayed again at 7-10 days interval. Spraying of chemical should be done in clear weather.
SUGARCANE	On the occurrence of white fly, spray thiamethoxam 25 WDG (Actara) @ 125g/hectare. Spraying of chemical should be done in clear weather.
MAIZE	Weeding and hoeing in maize crop should be done twice at an interval of 20 and 35 days of sowing by keeping in view the weather forecast.
CITRUS	To control the Citrus canker disease, spraying of 180g Copper-Oxichloride and 6g Strptomycin in 60 liter of water should be done in the trees. Spraying of chemical should be done in clear weather.

**Horticulture Specific Advisory:**

<b>Horticulture(Varieties)</b>	<b>Horticulture Specific Advisory</b>
GUAVA	Grafting in Mango, Guava and Litchi keep continue.
CABBAGE	Mid variety of Cabbage can be sown in this month and weeding and hoeing should be done in the early variety of Cabbage.
PUMPKIN	On the occurrence of yellow-brown spot in the leaves of cucurbitaceous crops, solution of mancozeb @ 2.5 g/ lit of water should be sprayed by keeping in view the weather forecast.

**Live Stock Specific Advisory:**

<b>Live Stock(Varieties)</b>	<b>Live Stock Specific Advisory</b>
BUFFALO	To save the animal from Gal-Ghotu disease, tie them in neat and clean places. When symptoms of Gal-Ghotu disease appeared in the animals, then inject Sulphonamides like Sulphamethazine or Sulphadimidne 150Mg/Kg in the veins of animal for three days with the advice of Veterinarian.