



**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 : 31-08-2021

**Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-08-31(Valid Till 08:30 IST of the next 5 days)**

Parameter	2021-09-01	2021-09-02	2021-09-03	2021-09-04	2021-09-05
Rainfall	1.0	2.0	5.0	5.0	10.0
Tmax(°C)	31.0	32.0	33.0	33.0	32.0
Tmin(°C)	25.0	25.0	26.0	25.0	25.0
RH-I(%)	95	90	90	90	95
RH-II(%)	70	65	65	65	65
Wind Speed(kmph)	8.0	8.0	8.0	8.0	8.0
Wind Direction(Degree)	120	120	120	130	130
Cloud Cover(Octa)	4	5	6	6	7

### Weather Summary/Alert:

In the last seven days (24 – 30 August, 2021), there was 162.8 mm rain and the sky was cloudy to dense cloudy. The maximum & minimum temperatures ranged between 29.0 to 34.0°C and 23.8 to 26.8°C respectively. Relative humidity ranges from 87 to 97 % at 0712 hrs and 75 to 89 % at 1412 hrs. The winds run mainly from the WNW & ESE with a speed of 1.5 to 6.8 km/hour. Very light to light rain may likely occur in the coming five days. Maximum & minimum temperature may range from 31.0 to 33.0 deg C & 25.0 to 26.0 deg C respectively. Wind will blow with a speed of 8.0 km/hr from the ESE direction. As per ERFIS products rainfall will be above normal, maximum and minimum temperature will be normal from 5 - 11 September in the state.

### 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 0.30-0.45 for U S 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.

### SMS Advisory:

Very light to light rain may likely occur in the coming five days otherwise weather will remain clear.

### Crop Specific Advisory:

<b>Crop(Varieties)</b>	<b>Crop Specific Advisory</b>
RICE	At present, depending on the date of transplanting and the variety, it is in the stage of formation or emergence of earheads, which is very sensitive to water shortage. Due to the lack of water at this stage, the size and number of grains and seed weight decrease. Therefore, maintain sufficient moisture in the field at this time and irrigate again after a day or two when water disappears from the field. Irrigation should be done keeping in mind the weather forecast.
RIDGE GOURD	Sowing of Toria crop should be done in the first fortnight of this month. Toria is short duration crop. So, after harvesting of Toria crop, late sowing of the wheat crop can be done. The field should be prepared for short duration crop of toria by 2-3 ploughing in conserved moisture conditions.

#### **Horticulture Specific Advisory:**

<b>Horticulture(Varieties)</b>	<b>Horticulture Specific Advisory</b>
GUAVA	If the leaves of Guava tree are drying then immediately drench the tree basin with a solution of bavistine @ 3g/liters.
BRINJAL	Weeding and hoeing should be done in the Brinjal crop, sown in the previous month. 1/4th part of Nitrogen should be applied as a top dressing in the field and the remaining 1/4th part should be given at an interval of 60-65 days as a top dressing in the standing crop.
COLOCASIA/ TARO	In Colocasia root, water should be drained from high rainfall region and irrigation should be applied in the low rainfall region. Weeding and earthing should be applied in the field of these crops.

#### **Live Stock Specific Advisory:**

<b>Live Stock(Varieties)</b>	<b>Live Stock Specific Advisory</b>
BUFFALO	Clean and wash the cattle ranch 2-3 times daily so that milch animals do not get the disease called Mastitis (thanela).