



**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 : 27-07-2021

**Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-07-27(Valid Till 08:30 IST of the next 5 days)**

Parameter	2021-07-28	2021-07-29	2021-07-30	2021-07-31	2021-08-01
Rainfall	10.0	10.0	8.0	10.0	5.0
Tmax(°C)	32.0	32.0	33.0	33.0	34.0
Tmin(°C)	26.0	25.0	25.0	26.0	26.0
RH-I(%)	80	85	85	85	85
RH-II(%)	65	60	60	55	50
Wind Speed(kmph)	10.0	12.0	12.0	12.0	12.0
Wind Direction(Degree)	120	120	130	130	130
Cloud Cover(Octa)	6	8	8	7	7

### Weather Summary/Alert:

In the last seven days (20–26 July, 2021), there was 144.6 mm rain and the sky was cloudy to dense cloudy. The maximum & minimum temperatures ranged between 26.5 to 35.0°C and 24.2 to 28.3°C respectively. Relative humidity ranges from 81 to 95 % at 0712 hrs and 64 to 97 % at 1412 hrs. The winds run mainly from the ESE & ENE with a speed of 2.8 to 9.0 km/hour. Light rain may likely occur in the coming five days. Maximum & minimum temperature may range from 32.0 to 34.0 deg C & 25.0 to 26.0 deg C respectively. Wind will blow with a speed of 10.0-12.0 km/hr from the ESE direction. As per ERF products, rainfall will be above normal, and maximum & minimum temperature will be normal from 1 - 7 August in the state.

### General Advisory:

In view of the second wave of Corona (Covid-19), the farmers are advised to follow the guidelines given by the Government of India, personal hygiene, use of masks, washing hands at appropriate intervals during agricultural operations. NDVI & SPI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.15-0.40 for Nainital i.e. agriculture vigor is moderate in the district. SPI map indicates the mildly wet conditions in the district for the past 4 week. Farmers are advised to download "Meghdoot" and "Damini" mobile apps on their smartphones from Google Play Store for free to get timely weather forecasts and district-wise Agromet advisory bulletins and lightning information.

### SMS Advisory:

Light rain may likely occur in the coming five days.

**Crop Specific Advisory:**

<b>Crop(Varieties)</b>	<b>Crop Specific Advisory</b>
SESAME (GINGELLY/TIL)	Sowing of sesame crops should be done in this fortnight by keeping in view the weather forecast.
PIGEON PEA (RED GRAM/ARHAR)	Weeding and hoeing should be done in the crop sown in the month of June.

**Horticulture Specific Advisory:**

<b>Horticulture(Varieties)</b>	<b>Horticulture Specific Advisory</b>
MANGO	A necessary arrangement should be done for the proper drainage of rainwater. In fruiting trees, 50 g of nitrogen per year of tree age should be given keeping in view the rainfall condition. According to this maximum, 500 g nitrogen for 10 years or after that i.e. 1.1 kg urea/tree should be applied after plucking the fruit.
BOTTLE GOURD	Make scaffolding in bottle gourd crop.

**Live Stock Specific Advisory:**

<b>Live Stock(Varieties)</b>	<b>Live Stock Specific Advisory</b>
BUFFALO	Do not let animals graze in irrigated fodder fields, since after the long summer, the sudden growth in the fodder due to the onset of monsoons, leads to the presence of poisonous cyanide in it. This is especially so in the Jowar crop. These fodder crops should, therefore, not be harvested before time or fed to animals.