



**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 : 20-07-2021

**Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-07-20(Valid Till 08:30 IST of the next 5 days)**

Parameter	2021-07-21	2021-07-22	2021-07-23	2021-07-24	2021-07-25
<b>Rainfall</b>	15.0	10.0	8.0	3.0	3.0
<b>Tmax(°C)</b>	30.0	31.0	31.0	32.0	32.0
<b>Tmin(°C)</b>	24.0	25.0	25.0	25.0	25.0
<b>RH-I(%)</b>	95	90	85	85	90
<b>RH-II(%)</b>	55	55	50	50	55
<b>Wind Speed(kmph)</b>	8.0	8.0	12.0	12.0	12.0
<b>Wind Direction(Degree)</b>	120	120	130	130	130
<b>Cloud Cover(Octa)</b>	8	7	8	7	6

### Weather Summary/Alert:

In the last seven days (13–19 July, 2021), there was 49.0 mm rain and the sky was partly to dense cloudy. The maximum & minimum temperatures ranged between 27.5 to 35.5°C and 24.9 to 27.4°C respectively. Relative humidity ranges from 75 to 97 % at 0712 a.m. and 57 to 95 % at 1412 hrs. The winds run mainly from the ESE & ENE with a speed of 3.3 to 11.2 km/hour. Light rain may likely occur in the coming five days. Maximum & minimum temperature may range from 30.0 to 32.0 deg C & 24.0 to 25.0 deg C respectively. Wind will blow with a speed of 8.0-12.0 km/hr from the ESE direction. As per ERFs products, rainfall will be above normal, and maximum & minimum temperature will be normal from 25 - 31 July 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 0.1-0.45 for Nainital i.e. agriculture vigor is moderate in the district. SPI map indicates the mildly dry 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>
RICE	Transplanting of paddy should be completed this month. Spraying of chemicals should be done on the recommendation keeping in view the weather condition.
GREEN GRAM	Moong varieties like Pant moong 4 & Pant moong 5 should be selected for sowing in the second fortnight of July. Seed treatment of moong should be done with 2 g thiram and 1 g carbendazim for 1 kg of seed.
MAIZE	Proper drainage should be maintained in the field and weeding and hoeing should be done on time in the crop.

**Horticulture Specific Advisory:**

<b>Horticulture(Varieties)</b>	<b>Horticulture Specific Advisory</b>
BRINJAL	Arrangement for proper drainage should be done in the field of the brinjal crop.
BOTTLE GOURD	Make scaffolding in bottle gourd crop. Proper drainage should be maintained in the field of vegetable crops.
MANGO	Picking of mango should be done with a peduncle of about 8-10mm in length in the morning or evening. Wash the fruits with fresh water and dried in the shade before storage.

**Live Stock Specific Advisory:**

<b>Live Stock(Varieties)</b>	<b>Live Stock Specific Advisory</b>
COW	Calcium Chloride Gel should be given in about 200 ml quantity 24 hours before the calving of more milch animals. Give it on the day of calving and also after calving, so that the animal does not get a disease called milk fever.
GOAT	If the animals have not yet been vaccinated against FMD, hemorrhagic Septicaemia, Black Quarter, Enterotoxemia, etc., this must be done at this time. Adult sheep and goats must be vaccinated against Enterotoxemia.