



**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 : 14-10-2021

**Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-10-14(Valid Till 08:30 IST of the next 5 days)**

Parameter	2021-10-15	2021-10-16	2021-10-17	2021-10-18	2021-10-19
Rainfall(mm)	0.0	0.0	3.0	30.0	40.0
Tmax(°C)	34.0	34.0	33.0	30.0	29.0
Tmin(°C)	20.0	21.0	21.0	18.0	17.0
RH-I(%)	85	85	85	90	90
RH-II(%)	55	55	55	60	60
Wind Speed(kmph)	8.0	8.0	8.0	10.0	10.0
Wind Direction(Degree)	310	100	120	120	120
Cloud Cover(Octa)	1	1	2	8	7

### Weather Summary/Alert:

In the last seven days (7 – 13 October 2021), there was 0.0 mm rain and the sky was clear to cloudy cloudy. The maximum & minimum temperatures ranged between 32.5 to 34.0°C and 19.9 to 21.9°C respectively. Relative humidity ranges from 83 to 95 % at 0712 hrs and 32 to 58 % at 1412 hrs. The winds run mainly from the WNW with a speed of 1.2 to 1.9 km/hour. In the coming five days, light to moderate rain may occur from 16 to 18 Oct and sky will remain partly to dense cloudy. Maximum & minimum temperature may range from 29.0 to 34.0 deg C & 17.0 to 21.0 deg C respectively. Wind will blow with a speed of 8.0-10.0 km/hr from the ENE & WNW direction.

### General Advisory:

Farmers are advised to download the “Meghdoot App” to get past week weather, weather forecast, and agromet advisory. 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 0.35-0.5 for U S Nagar i.e. agriculture vigor is moderate to good in the district. SPI map indicates the mildly dry conditions in the district for the past 4 weeks. Weather will remain clear in the coming five days so farmers are advised to harvest the mature crops.

### SMS Advisory:

In view of the forecast to light to moderate rain from 16 to 18 October, farmers are advised to keep the harvested crop at safe place.

### Crop Specific Advisory:

<b>Crop(Varieties)</b>	<b>Crop Specific Advisory</b>
CHICK PEA	Sowing of gram should be done in the second fortnight of October. Small grain variety of gram like- Pant G-114, DCP 92-3, GNG-1581, Aadhar, RSG 963; Mid grain varieties like- Pant G-186, Pusa 547, Pant G 3, 4, 5, large seed variety like Pusa 256 and kabuli chana variety-Pant Kabuli chana-1, 2, Pusa 1003, Pusa 1053, JGK 1 should be selected.
RAPESEED	In rapeseed crop sown in the month of September, plant to plant distance should be maintained with 10-15cm by removing dense and weak plants after 15 days of germination. Crop should be irrigated after 25-30 days of sowing but keeping in view the forecast of rain on 17 & 18 Oct, irrigation should be postponed.
RICE	Keeping in view the forecast of rain on 17 & 18 October farmers are advised to harvest the mature crop before 17 Oct & keep the harvested crop in safe place.
SUGARCANE	In the Naulakh crop of sugarcane, remove the affected plants and burn them.

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

<b>Horticulture(Varieties)</b>	<b>Horticulture Specific Advisory</b>
BEETROOT	In tarai, farmers can sow the beetroot crop in this month. Sowing should be done by keeping in view the weather forecast.
VEGETABLE PEA	Sowing of vegetable pea should be done by keeping in view the weather forecast.

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

<b>Live Stock(Varieties)</b>	<b>Live Stock Specific Advisory</b>
BUFFALO	During this month most of the buffaloes are in heat. Therefore, observe the symptoms of heating in animals regularly in the morning and evening, so that the heating period of animal would not pass away without conception.
COW	During this month most of the cows are in heat. Therefore, observe the symptoms of heating in animals regularly in the morning and evening hours, so that the heating period of animal would not pass away without conception.