



**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 : 12-10-2021

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-10-12(Valid Till 08:30 IST of the next 5 days)

| Parameter              | 2021-10-13 | 2021-10-14 | 2021-10-15 | 2021-10-16 | 2021-10-17 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm)           | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        |
| Tmax(°C)               | 33.0       | 33.0       | 33.0       | 33.0       | 34.0       |
| Tmin(°C)               | 20.0       | 20.0       | 20.0       | 21.0       | 22.0       |
| RH-I(%)                | 85         | 80         | 75         | 70         | 75         |
| RH-II(%)               | 60         | 55         | 55         | 50         | 55         |
| Wind Speed(kmph)       | 6.0        | 8.0        | 8.0        | 6.0        | 6.0        |
| Wind Direction(Degree) | 310        | 310        | 310        | 70         | 120        |
| Cloud Cover(Octa)      | 1          | 1          | 2          | 1          | 2          |

### Weather Summary/Alert:

In the last seven days (5 – 11 October 2021), there was 0.0 mm rain and the sky was clear to cloudy. The maximum & minimum temperatures ranged between 32.5 to 33.5°C and 21.4 to 23.9°C respectively. Relative humidity ranges from 83 to 95 % at 0712 hrs and 51 to 61 % at 1412 hrs. The winds run mainly from the WNW with a speed of 0.8 to 1.7 km/hour. There is a possibility of no rain in the coming five days and sky will remain p-cloudy. Maximum & minimum temperature may range from 33.0 to 34.0 deg C & 20.0 to 22.0 deg C respectively. Wind will blow with a speed of 6.0-8.0 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 0.3-0.5 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:

Weather will remain clear in the coming five days. Farmers can sow the pulse crops like gram, lentil and peas in the second fortnight of October.

### Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory  |
|-----------------|---|
| RAPSEED         | 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. Apply the irrigation after 25-30 days of sowing and after 4-5 days of irrigation, half dose of nitrogen should be given as top dressing. |

| <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. |
| SUGARCANE              | In the Naulakh crop of sugarcane, remove the affected plants and burn them. Give light irrigation to the crop as per the requirement. Sowing of winter season sugarcane should be done by October 15.  |
| MAIZE                  | Harvesting of maize should be done.  |
| BARSEEM                | Sowing of barseem should be done in the first fortnight of this month.   |
| MUSTARD                | Mustard and Rai should be sown in the first fortnight of October.  |
| RICE                   | Farmers can harvest the early variety of crop on their maturity. Farmers are advised to monitor the standing mid and late duration crop regularly.   |
| CORIANDER              | Sowing of coriander should be done.  |

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

| <b>Horticulture(Varieties)</b> | <b>Horticulture Specific Advisory</b>  |
|--------------------------------|--|
| BEETROOT                       | In tarai, farmers can sow the beetroot crop in this month.   |
| POTATO                         | Sowing of early variety of potato should be done.  |
| CABBAGE                        | Farmers who have not sown seeds of cabbage and knol khol are advised to sow the seeds as soon as possible. |
| VEGETABLE PEA                  | Sowing of vegetable pea can also be done.  |

#### **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. |