



**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 : 23-11-2021

**Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-11-23(Valid Till 08:30 IST of the next 5 days)**

Parameter	2021-11-24	2021-11-25	2021-11-26	2021-11-27	2021-11-28
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	25.0	24.0	24.0	25.0	25.0
Tmin(°C)	7.0	7.0	8.0	8.0	9.0
RH-I(%)	90	95	95	95	90
RH-II(%)	50	50	55	55	50
Wind Speed(kmph)	6.0	4.0	4.0	4.0	4.0
Wind Direction(Degree)	140	50	50	310	310
Cloud Cover(Octa)	1	1	1	1	1

### Weather Summary/Alert:

In the last seven days (16 – 22 November, 2021), there was 0.0 mm rain and the sky was clear. The maximum & minimum temperatures ranged between 25.6 to 29.0°C and 10.2 to 15.9°C respectively. Relative humidity ranges from 85 to 95 % at 0712 hrs and 32 to 44 % at 1412 hrs. The wind was calm & run mainly from the WNW with a speed of 0.9 to 4.5 km/hour. Weather will remain clear in the coming five days. Maximum & minimum temperature may range from 24.0 to 25.0 deg C & 7.0 to 9.0 deg C respectively. Wind will blow with a speed of 4.0-6.0 km/hr from the NE & NW direction. As per ERF, the rainfall, maximum & minimum temperature will be normal in the state from 28 November to 4 December.

### General Advisory:

Farmers are advised to download the “Meghdoot App” to get past week weather, weather forecast, and agromet advisory and "Damini App" to get lightning information. Meghdoot and Damini Apps can be downloaded from the google play store (Android users) and App Center (IOS users). Weather will remain clear in the coming five days. NDVI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.2-0.4 for U S Nagar i.e. agriculture vigor is moderate in the district. Field should be cleaned properly before sowing of rabi crop and use fully decomposed FYM or compost before sowing of crops and vegetable as it improves the physical and biological properties of soil and thus increases the water retention capacity as well as nutrient status of the soil. To save the animals from the cold, proper arrangement of the animal shed should be done.

### SMS Advisory:

The weather will remain clear for the next five days. Farmers are advised to irrigate the crop as per

requirement. To prevent various diseases of Rabi crops, the seeds must be treated before sowing.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
WHEAT	In plains, early maturing varieties are sown in the second fortnight of November.
BARLEY	In the second fortnight of the month, sow barley in irrigated condition.
MUSTARD	Light irrigation should be given in the crop at the time of grain filling in timely sown crop and before flowering in late sown crop.
RAPSEED	Light irrigation should be given in the crop at the time of grain filling in timely sown crop and before flowering in late sown crop.
SUGARCANE	In winter sugarcane, weeding and hoeing is done on 25-30 days of sowing. Irrigation should be done at 30-40 days after sowing as required.

### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
ONION	Prepare onion field and mix rotten dung manure of 25 to 30 quintal per hectare 3 to 4 weeks before planting. For transplanting onion, use 7 to 8 weeks old seedlings. Transplant onions at a distance of 15 × 10cm in case of large onion and at 8x5 cm in case of small .
LITCHI	Irrigation should not be given to fruitful litchi plants at the time of flowering because it creates difficulty in the flowering. But irrigation can be given in the new plants which are not in the flowering stage.

### Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	The buffalo's gestation period is from October-November, so during these months, observe the symptoms of gestation period in female buffaloes in the morning and evening, so that the process of insemination can be completed in time.