



**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 : 03-12-2021

**Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-12-03(Valid Till 08:30 IST of the next 5 days)**

Parameter	2021-12-04	2021-12-05	2021-12-06	2021-12-07	2021-12-08
Rainfall(mm)	0.0	0.0	5.0	0.0	0.0
Tmax(°C)	24.0	25.0	24.0	24.0	24.0
Tmin(°C)	12.0	11.0	10.0	8.0	7.0
RH-I(%)	95	90	95	95	90
RH-II(%)	65	65	65	60	55
Wind Speed(kmph)	6.0	6.0	6.0	6.0	6.0
Wind Direction(Degree)	130	80	50	320	320
Cloud Cover(Octa)	4	2	6	3	1

### Weather Summary/Alert:

In the last seven days (26 November – 2 December, 2021), there was 0.0 mm rain and the sky was clear. The maximum & minimum temperatures ranged between 23.0 to 26.1°C and 8.8 to 13.9°C respectively. Relative humidity ranges from 88 to 95 % at 0712 hrs and 32 to 57 % at 1412 hrs. The wind was calm & run mainly from the WSW & WNW with a speed of 0.8 to 2.6 km/hour. In the coming five days, light rain may occur on 5 December otherwise weather will remain clear. Maximum & minimum temperature may range from 24.0 to 25.0 deg C & 7.0 to 12.0 deg C respectively. Wind will blow with a speed of 6.0 km/hr from the NW & ENE direction. As per ERF, the rainfall & minimum temperature will be below normal and maximum temperature will be normal in the state from 8 to 14 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). NDVI & SPI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.1-0.4 for U S Nagar i.e. agriculture vigor is moderate in the district and SPI map indicates mildly wet condition from 4 November to 1 December in the district.

### SMS Advisory:

There is a forecast of light rain on 5th December, so the farmers should irrigate the crop by keeping in view the weather forecast.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
WHEAT	Late sowing of wheat must be completed by 25 December otherwise yield decreases significantly.
BARLEY	Late sowing of Barley should be done by mid of this month.
CHICK PEA	Late sowing of chickpea varieties like Uday and Pant G 186 should be done by mid of this month.
LENTIL	Late sowing of lentil varieties like Pant L. 406 should be done by mid of this month.

#### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
TOMATO	To control the thrips, fipronil 5SC @2ml/ha should be sprayed. Spraying should be done by keeping in view the weather forecast.
BRINJAL	Mature fruits of brinjal should be sent to the market.

#### Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	To save the animal from cold, dry grasses, paddy residue (Puwal), etc which are not used as fodder for animals should be used as a bedding material for animals in sheds. The door and window should be covered properly so that cold wind could not be entered in the animal shed. The sitting place of animals should be leveled.
COW	To save the animal from cold, dry grasses, paddy residue (Puwal), etc which are not used as fodder for animals should be used as a bedding material for animals in sheds. The door and window should be covered properly so that cold wind could not be entered in the animal shed. The sitting place of animals should be leveled.