



**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 : 27-01-2023

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2023-01-27(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-01-28	2023-01-29	2023-01-30	2023-01-31	2023-02-01
<b>Rainfall(mm)</b>	0.0	0.0	10.0	15.0	0.0
<b>Tmax(°C)</b>	23.0	24.0	18.0	16.0	22.0
<b>Tmin(°C)</b>	12.0	12.0	8.0	6.0	6.0
<b>RH-I(%)</b>	70	75	85	85	80
<b>RH-II(%)</b>	30	30	35	50	45
<b>Wind Speed(kmph)</b>	8.0	6.0	10.0	10.0	8.0
<b>Wind Direction(Degree)</b>	270	110	140	140	300
<b>Cloud Cover(Octa)</b>	0	1	7	4	0

### Weather Summary/Alert:

In the last seven days (20 - 26 Jan, 2022), there was 10.7 mm rain and the sky was clear. The maximum & minimum temperatures ranged between 20.0 to 28.0°C and 6.4 to 12.6°C respectively. Relative humidity ranges from 86 to 97 % at 0712 hrs and 24 to 69 % at 1412 hrs. The wind was mainly from the ESE, ENE, N & WSW with a speed of 0.3 to 6.1 km/hour. In the coming five days, light rain on 29 & 30 Jan may occur and weather will remain clear on remaining days. Maximum & minimum temperature may range from 16.0-24.0 deg C & 6.0 - 12.0 deg C respectively. Wind will blow with a speed of 6.0-10.0 km/hr from the W, ESE, SE & WNW direction. Warning: Thunderstorm accompanied with hail/ lightning/ intense shower likely to occur at isolated places on 29, 30 Jan.

### General Advisory:

In view of the weather forecast and warning in coming days, farmers are advised to postpone application of irrigation and pesticides. Proper drainage channels should be maintained in crop fields to avoid water stagnation. To save the animals from the cold & rain, proper arrangement of the animal shed should be done. IMD Weather forecast and Agrometeorological advisory of your location is now available on Meghdoot mobile app in English and regional languages. Kindly download from following link Android: <https://play.google.com/store/apps/details?id=com.aas.meghdoot> iOS: <https://apps.apple.com/in/app/meghdoot/id1474048155>

### SMS Advisory:

Light rain on 29 & 30 Jan may occur. Warning: Thunderstorm accompanied with hail/ lightning/ intense shower likely to occur at isolated places on 29, 30 Jan.

**Crop Specific Advisory:**

<b>Crop(Varieties)</b>	<b>Crop Specific Advisory</b>
WHEAT	Keeping in view the weather forecast & warning, second irrigation given at 40-45 days of sowing, should be postponed. If there is highly occurrence of broad leaf weed in the wheat crop, then solution of 500g AI of 2,4D or 4g of metsulfuron methyl or 20g of carfentrazone in 500-600 liter of water should be sprayed @ per hectare with the help of flat fan nozzle after 40-45 days in December sown wheat crop in clear weather.
LENTIL	In lentil and gram crop, first irrigation should be given before flowering and second irrigation at the time of pod formation but keeping in view the weather forecast and warning farmers are advised to postponed the irrigation. Solution of 2 % Urea should be given at the time of flowering in gram and lentil. Second irrigation should be given after 10-15 days of first irrigation.600-700 liter of water/ Ha should be used in clear weather.

**Horticulture Specific Advisory:**

<b>Horticulture(Varieties)</b>	<b>Horticulture Specific Advisory</b>
TOMATO	To control the late blight disease in tomato, Mancozeb 75% @ 2.5g/liter should be sprayed. Spraying should be done by keeping in view the weather forecast.
POTATO	To control the late blight disease in Potato, Mancozeb 75% @ 2.5g/liter should be sprayed. Spraying 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	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. Door and window should be covered properly so that cold wind could not be entered in the animal shed.