



**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 : 10-02-2023

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2023-02-10(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-02-11	2023-02-12	2023-02-13	2023-02-14	2023-02-15
<b>Rainfall(mm)</b>	0.0	0.0	0.0	0.0	0.0
<b>Tmax(°C)</b>	25.0	26.0	21.0	22.0	22.0
<b>Tmin(°C)</b>	9.0	6.0	2.0	3.0	5.0
<b>RH-I(%)</b>	40	70	50	60	70
<b>RH-II(%)</b>	30	30	20	30	30
<b>Wind Speed(kmph)</b>	9.0	13.0	20.0	11.0	6.0
<b>Wind Direction(Degree)</b>	60	290	280	280	70
<b>Cloud Cover(Octa)</b>	1	0	0	0	0

### Weather Summary/Alert:

In the last seven days (3 – 9 Feb, 2023), there was 0.0 mm rain and the sky was clear to dense cloudy. The maximum & minimum temperatures ranged between 18.0 to 26.0°C and 6.7 to 9.8°C respectively. Relative humidity ranges from 92 to 95 % at 0712 hrs and 38 to 77 % at 1412 hrs. The wind was mainly from the ESE, WSW & WNW with a speed of 0.3 to 4.9 km/hour. In the coming five days, weather will remain clear. Maximum & minimum temperature may range from 21.0 to 26.0 deg C & 2.0 to 9.0 deg C respectively. Wind will blow with a speed of 6.0-20.0 km/hr from the ENE & WNW direction. As per ERF, the rainfall will be below normal, maximum and minimum temperature will be above normal & normal respectively in the state from 15 to 21 February.

### General Advisory:

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> NDVI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.3-0.45 for Udham Singh Nagar i.e. agriculture vigor is moderate to good in the district for the past week.

### SMS Advisory:

In the coming five days, weather will remain clear. Farmers can continue the agricultural operations like weeding, hoeing and irrigation.

**Crop Specific Advisory:**

<b>Crop(Varieties)</b>	<b>Crop Specific Advisory</b>
MUSTARD	There is a forecast of no rain in the coming days. So, Irrigation should be given as per requirement in the mustard crop at the grain filling stage.
SUGARCANE	Sowing of spring season sugarcane crop should be done in the second fortnight of this month.
BARSEEM	Harvest Barseem in due course and must irrigate every time after harvesting.
LENTIL	The solution of 2 % Urea should be given at the time of flowering in lentil. Second irrigation should be given after 10-15 days of the first irrigation.600-700 liter of water/ Ha should be used.
CUCUMBER	In cucumber class crops, compost or dung manure should be used as nutrients.

**Horticulture Specific Advisory:**

<b>Horticulture(Varieties)</b>	<b>Horticulture Specific Advisory</b>
BOTTLE GOURD	Field preparation should be done to grow the bottle gourd.

**Live Stock Specific Advisory:**

<b>Live Stock(Varieties)</b>	<b>Live Stock Specific Advisory</b>
BUFFALO	To save the buffalo calf from Toxocara vitulorum (patera) disease, 10-15Cc Neem oil should be given to the calf immediately after 10 days of his birth. Again after 10 days, 10-15 CC Neem oil should be given. Chenopodium album oil can also be given as fodder to animals to save the calf/animals from patera disease.