



**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 : 30-12-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-12-30(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-12-31	2023-01-01	2023-01-02	2023-01-03	2023-01-04
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	21.0	20.0	18.0	18.0	18.0
Tmin(°C)	4.0	3.0	4.0	4.0	4.0
RH-I(%)	85	85	80	75	75
RH-II(%)	40	35	35	35	30
Wind Speed(kmph)	6.0	6.0	6.0	6.0	6.0
Wind Direction(Degree)	320	320	320	320	320
Cloud Cover(Octa)	1	1	2	0	1

### Weather Summary/Alert:

In the last seven days (23 - 29 Dec, 2022), there was 0.0 mm rain and the sky was clear. The maximum & minimum temperatures ranged between 11.0 to 24.5°C and 3.9 to 6.4°C respectively. Relative humidity ranges from 86 to 97 % at 0712 hrs and 40 to 92 % at 1412 hrs. The wind was mainly from the WNW, WSW & ENE with a speed of 0.8 to 5.5 km/hour. In the coming five days, weather will remain clear. Maximum & minimum temperature may range from 18.0-21.0 deg C & 3.0 - 4.0 deg C respectively. Wind will blow with a speed of 6.0 km/hr from the NW direction.

### 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 received from ISRO-IMD Vegetation Information System, showing NDVI range from 0.2 to 0.4, representing beginning of growth stages of vegetation in the district. Irrigation should be given in the new orchards to save them from frost and necessary arrangement of nutrients should be done for crops and weeding, hoeing and irrigation should also be done.

### SMS Advisory:

In the coming five days, weather will remain clear. Farmers are advised to irrigate the crop as per requirement.

### Crop Specific Advisory:

<b>Crop(Varieties)</b>	<b>Crop Specific Advisory</b>
WHEAT	It is advised that wheat crop should not be sown in the month of January because wheat sowing during this period causes the yield reduction of 60-65Kg/Ha/day and hot wind during ripening stage of crop causes thinning of wheat grain. First irrigation should be given at an interval of 20-25 days of sowing at the CRI stage and second irrigation should be given at 40-45 days of sowing.
BARLEY	Weeding and hoeing should be done after 25-30 days of sowing in late sowing variety of Barley and necessary irrigation should be applied.
SUGARCANE	To save the standing naulakh sugarcane crop from frost, necessary irrigation should be applied. Harvesting of early naulakh sugarcane should not be done at this low temperature.
MUSTARD	On the occurrence of Mahu in the mustard crop, Thiamethoxam 25 WSG @ 50-100g/Ha should be sprayed and its waiting period is 21 days.

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

<b>Horticulture(Varieties)</b>	<b>Horticulture Specific Advisory</b>
ONION	Transplanting of onion should be completed till 15 January. Line to line and plant to plant distance should be 15 cm and 10 cm respectively.
CAULIFLOWER	To control the leaf spot disease in cole crops, the solution of mancozeb @ 2.5 g/liter of water should be sprayed.
POTATO	To control the late blight disease in potato, it is advised that solution of Mancozeb @ 2.5g/liter of water should be sprayed.

#### **Live Stock Specific Advisory:**

<b>Live Stock(Varieties)</b>	<b>Live Stock Specific Advisory</b>
BUFFALO	To save the animals from the cold, proper arrangement of the animal shed should be done. Sitting places of animals should be leveled so that their productive capacity is not affected and special care should be given to the newborn animals. 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. To save the animal from cold, increase the amount of oil and Jaggery (Gur) in the food of animals. Caraway (Ajwain) and gur also be given to the animals.
COW	To save the animals from the cold, proper arrangement of the animal shed should be done. To save the animal from cold, increase the amount of oil and Jaggery (Gur) in the food of animals. Caraway (Ajwain) and gur also be given to the animals. In hilly areas, the heater may be used to protect the animals from cold. Rice husk should be given to the animals as food which is the source of energy.