



**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 : 28-01-2022

**Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-01-28(Valid Till 08:30 IST of the next 5 days)**

| Parameter              | 2022-01-29 | 2022-01-30 | 2022-01-31 | 2022-02-01 | 2022-02-02 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm)           | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        |
| Tmax(°C)               | 18.0       | 19.0       | 21.0       | 20.0       | 21.0       |
| Tmin(°C)               | 7.0        | 8.0        | 8.0        | 8.0        | 9.0        |
| RH-I(%)                | 95         | 95         | 90         | 95         | 90         |
| RH-II(%)               | 65         | 60         | 60         | 55         | 55         |
| Wind Speed(kmph)       | 6.0        | 6.0        | 10.0       | 6.0        | 6.0        |
| Wind Direction(Degree) | 320        | 320        | 320        | 320        | 320        |
| Cloud Cover(Octa)      | 0          | 0          | 0          | 0          | 0          |

### Weather Summary/Alert:

In the last seven days (21 – 27 Jan, 2022), there was 19.2 mm rain and the sky was cloudy to dense cloudy. The maximum & minimum temperatures ranged between 12.5 to 22.0°C and 5.9 to 12.4°C respectively. Relative humidity ranges from 89 to 95 % at 0712 hrs and 53 to 93 % at 1412 hrs. The wind was mainly from the WNW & WSW with a speed of 1.5 to 11.4 km/hour. In the coming five days weather will remain clear. Maximum & minimum temperature may range from 18.0 to 21.0 deg C & 7.0 to 9.0 deg C respectively. Wind will blow with a speed of 6.0-10.0 km/hr from the NW direction. There is a warning of likely occurrence of moderate to dense fog in parts of plains on 28 & 29 Jan. As per ERF, the rainfall will be above normal, maximum & minimum temperature will be below normal in the state from 2 to 8 February.

### General Advisory:

NDVI & SPI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.2-0.45 for U S Nagar i.e. agriculture vigor is moderate to good in the district. SPI map indicates the extremely wet conditions in the district during 30 Dec 2021 to 26 Jan 2022. 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).

### SMS Advisory:

In the coming five days weather will remain clear. There is a warning of likely occurrence of moderate to dense fog in parts of plains on 28 & 29 Jan.

**Crop Specific Advisory:**

| <b>Crop(Varieties)</b> | <b>Crop Specific Advisory</b>   |
|------------------------|---|
| WHEAT                  | On the occurrence of rust in wheat crop, solution of Propiconazole 25 EC @ 1ml/liter of water should be sprayed by keeping in view the weather forecast.                                      |
| MUSTARD                | So, on the occurrence of Sclerotinia rot in mustard crop, remove affected part and spray carbendazim @ 1 g/lit water in clear weather.  |
| CHICK PEA              | On the occurrence of fruit borer in chick pea crop, solution of 125 ml of Chlorantraniliprole 18.5 SL or 220 g of Emamectin Benzoate in 500-600 liter of water per hectare should be sprayed. |
| LENTIL                 | On the occurrence of fruit borer in lentil crop at the time of flowering, Melathiyan 50EC @ 2.0 liter/Ha or Quinalphos 25 EC @ 1.5liter/Ha in 500-600 liter of water should be sprayed.       |
| BARLEY                 | On the occurrence of rust in crop, solution of Propiconazole 25 EC @ 1ml/liter of water should be sprayed by keeping in view the weather forecast.  |

**Horticulture Specific Advisory:**

| <b>Horticulture(Varieties)</b> | <b>Horticulture Specific Advisory</b>  |
|--------------------------------|--|
| TOMATO                         | Drainage of excess water should be maintained in the field. If crop plants is showing fluffy cottony growth which leads to dry the plants. So infected plants must be removed and burn. In case of late blight, spray Mancozeb 64% + cymoxanil 8% WP @ 2.5gm per litre in clear weather by keeping in view the weather forecast. |
| POTATO                         | In case of late blight, spray Mancozeb 64% + cymoxanil 8% WP @ 2.5gm per litre in clear weather by keeping in view the weather forecast.   |
| VEGETABLE PEA                  | On the occurrence of rust, triadimefon 25% WP @ 1 g/lit water should be sprayed.   |

**Live Stock Specific Advisory:**

| <b>Live Stock(Varieties)</b> | <b>Live Stock Specific Advisory</b>   |
|------------------------------|---|
| BUFFALO                      | Do not feed the animals with that green fodder which is in the early stage so that they do not get the disease called lactation tetany. To save the animals from cold, animal shed should be protected from cold and hot food should be given to the animals. To protect the animals from cold, Gur (Jaggery) with ajwain should be given to the animals without mixing in water. It gives warmth and energy to them. |
| COW                          | To save the animals from cold, animal shed should be protected from cold and hot food should be given to the animals. To protect the animals from cold, Gur (Jaggery) with ajwain should be given to the animals without mixing in water. It gives warmth and energy to them.   |

**Poultry Specific Advisory:**

| <b>Poultry(Varieties)</b> | <b>Poultry Specific Advisory</b>   |
|---------------------------|--|
| HEN                       | There is a chance of Aflatoxicosis disease in Poultry due to occurrence of fungus in the food which causes to death of poultry birds. So, medicine should be administered to the poultry birds only on the advice of veterinarian. |