



**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 : 01-02-2022

**Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-02-01(Valid Till 08:30 IST of the next 5 days)**

Parameter	2022-02-02	2022-02-03	2022-02-04	2022-02-05	2022-02-06
Rainfall(mm)	0.0	5.0	20.0	15.0	0.0
Tmax(°C)	18.0	18.0	18.0	14.0	16.0
Tmin(°C)	6.0	9.0	7.0	6.0	4.0
RH-I(%)	95	95	95	95	90
RH-II(%)	50	55	65	65	60
Wind Speed(kmph)	6.0	10.0	15.0	10.0	8.0
Wind Direction(Degree)	300	300	100	100	100
Cloud Cover(Octa)	0	3	8	5	1

### Weather Summary/Alert:

In the last seven days (25 – 31 Jan, 2022), there was 0.0 mm rain and the sky was cloudy to dense cloudy. The maximum & minimum temperatures ranged between 12.5 to 17.5°C and 7.0 to 9.5°C respectively. Relative humidity ranges from 89 to 95 % at 0712 hrs and 50 to 93 % at 1412 hrs. The wind was mainly from the WNW & WSW with a speed of 2.2 to 8.0 km/hour. In the coming five days, light to moderate rain from 2 to 4 February may likely occur. Maximum & minimum temperature may range from 14.0 to 18.0 deg C & 4.0 to 9.0 deg C respectively. Wind will blow with a speed of 6.0-15.0 km/hr from the ESE & WNW direction. Warning: Heavy to very heavy rainfall likely to occur at a few places with extremely heavy rainfall at isolated places on 3 Feb and thunderstorm accompanied with

hail and lightning likely to occur at isolated places on 3 & 4 Feb. As per ERF, the rainfall will be above normal, maximum & minimum temperature will be below normal in the state from 6 to 12 February.

### 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). Keeping in view the weather forecast and warning of rain in coming days, farmers are advised to maintain the proper drainage in all vegetable crops & Diathane M-45/Bavistin @ 2gm /liter of water should be sprayed after rain. Spraying of chemicals should not be done.

### SMS Advisory:

In the coming five days, light to moderate rain from 2 to 4 February may likely occur. There is a warning of heavy to very heavy rain, thunderstorm with lightning and hail at isolated places on 3& 4Feb

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
WHEAT	Timely sown wheat crop which has come into flowering stage, in view of the possibility of rain on 3rd and 4th February, postpone irrigation now. Weeding should be done in the late sown crop of wheat. Drainage of water should be maintained in the field.
CHICK PEA	Keeping in view the rains in the coming days, do not irrigate the crop now and maintain the proper drainage condition in the field. 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 in clear weather.
LENTIL	Keeping in view the rains in the coming days, maintain the proper drainage condition in the field.
MUSTARD	Drainage of water should be maintained in the field of mustard crop. To control the leaf blight disease in the mustard crop, solution of Mancozeb @ 2.5 g/liter of water should be sprayed in clear weather.

**Horticulture Specific Advisory:**

<b>Horticulture(Varieties)</b>	<b>Horticulture Specific Advisory</b>
TOMATO	Keeping in view the rains in the coming days, drainage of water should be maintained in the tomato field.
ONION	Keeping in view the rains in the coming days, drainage of water should be maintained in the field. In the crop, weeding and hoeing should be done keeping in mind the weather forecast.
LEMON	Sow seeds in nursery to prepare rootstock. All agricultural operation should be done by keeping in view the weather forecast.
VEGETABLE PEA	Keeping in view the rains in the coming days, drainage of water should be maintained in the field. On the occurrence of rust, triadimefon 25% WP @ 1 g/lit water should be sprayed in clear weather.
POTATO	Keeping in view the weather forecast in the coming days, water drainage should be maintained in the potato field. After rain, Diathane M-45/Bavistin @ 2gm /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 cold, proper arrangement of animal shed should be done. 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.

**Poultry Specific Advisory:**

<b>Poultry(Varieties)</b>	<b>Poultry Specific Advisory</b>
HEN	Maintain the temperature of dwelling place of poultry birds. To save the poultry bird from cold, thickness of bedding material should be increases so that they can get sufficient heat to maintain their temperature.