



**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 : 17-03-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-03-17(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-03-18	2022-03-19	2022-03-20	2022-03-21	2022-03-22
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	33.0	33.0	34.0	35.0	35.0
Tmin(°C)	20.0	20.0	20.0	18.0	17.0
RH-I(%)	70	70	70	65	65
RH-II(%)	30	30	30	30	30
Wind Speed(kmph)	8.0	8.0	8.0	8.0	8.0
Wind Direction(Degree)	120	120	130	130	100
Cloud Cover(Octa)	3	2	1	0	0

### Weather Summary/Alert:

In the last seven days (10 – 16 March, 2022), there was 0.0 mm rain and the sky was Clear to cloudy. The maximum & minimum temperatures ranged between 27.0 to 32.0°C and 11.8 to 17.5°C respectively. Relative humidity ranges from 90 to 94 % at 0712 hrs and 47 to 57 % at 1412 hrs. The wind was mainly from the WNW & WSW with a speed of 0.3 to 4.2 km/hour. In the coming five days, weather will remain clear. Maximum & minimum temperature may range from 33.0 to 35.0 deg C & 17.0 to 20.0 deg C respectively. Wind will blow with a speed of 8.0 km/hr from the ESE & E direction. As per ERF, the rainfall will be below normal and maximum & minimum temperature will be above normal in the state from 23 to 29 March.

### 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). NDVI & SPI map received from the India Meteorological Department indicated that the NDVI ranged between 0.2-0.45 for U S Nagar during 5-11 March i.e. agriculture vigor is moderate to good in the district. SPI map indicates the mildly wet conditions in the district for the past 4 weeks i.e. during 10 February to 9 March 2022.

### SMS Advisory:

The weather will be dry in the coming days, so farmers are advised to irrigate the crops and vegetables.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
WHEAT	Necessary irrigation should be given in the wheat crop as needed. Remove weeds like Gulli Danda and jalgi jai (wild oats) and destroy them. On the occurrence of aphid in wheat, spray the solution of Thiomethaxam 25 WSG @ 100 ml/ha or Imidacloprid 17.8 SL @ 140 ml/ha in 500-600 liters of water. Do second spray at an interval of 15 days. Spray should be done in the morning or evening hours when there is no rain or strong wind.
MUSTARD	Harvest the mature crop of black mustard (rai) and store the grain after drying.
CHICK PEA	Light irrigation should be given in the chickpea crop at the time of pod formation. To control the blight disease in gram, Mancozeb 75% WP @ 2.5g/lit should be sprayed keeping in view the weather forecast. If the leaves of gram are falling after turning yellow, then harvest them. Harvesting should be done in the morning and after drying in the sunlight for 6-7days, threshing should be done. Storage is done only after proper drying the grains.
LENTIL	To control the blight disease in lentil, Mancozeb 75% WP @ 2.5g/lit should be sprayed keeping in view the weather forecast. If the leaves of lentil are falling after turning yellow, then harvest them. Harvesting should be done in the morning and after drying in the sunlight for 6-7days, threshing should be done. Storage is done only after proper drying the grains.
GREEN GRAM	Moong should be sown from second fortnight of March up to 10th April.

#### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
TOMATO	On the occurrence of fruit borer in the Tomato, fruit should be used only after 3 days and 5 days of spraying of Chlorantraniliprole 18.5 SC @ 150ml/Ha and Indoxacarb 14.5 SC @ 500ml/Ha respectively.
ONION	Weeding, hoeing and irrigating should be done in onion crop as per the requirement by keeping in view the weather forecast.

#### Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	Sitting place of animals should be leveled so that their productive capacity is not affected and special care should be given to the new born animals. The calves of buffaloes, whose age is around 2 months, anthelmintic medicine should be given to them on the recommendation of veterinarian.
COW	The calves of cows, whose age is around 2 months, anthelmintic medicine should be given to them on the recommendation of veterinarian.

#### Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Ploughing of orchard should not be done at the time of flowering. Irrigation should be applied to the orchard. Insecticides should not be used at the time of flowering because this may be dangerous and causes the dying of pollinator.