



**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 : 18-02-2022

**Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-02-18(Valid Till 08:30 IST of the next 5 days)**

Parameter	2022-02-19	2022-02-20	2022-02-21	2022-02-22	2022-02-23
<b>Rainfall(mm)</b>	0.0	0.0	0.0	0.0	0.0
<b>Tmax(°C)</b>	24.0	24.0	23.0	21.0	21.0
<b>Tmin(°C)</b>	5.0	5.0	6.0	4.0	4.3
<b>RH-I(%)</b>	55	60	55	50	55
<b>RH-II(%)</b>	30	25	30	30	35
<b>Wind Speed(kmph)</b>	9.0	12.0	11.0	8.0	8.0
<b>Wind Direction(Degree)</b>	290	270	70	70	45
<b>Cloud Cover(Octa)</b>	1	0	0	0	2

### Weather Summary/Alert:

In the last seven days (11 – 17 Feb, 2022), there was 0.0 mm rain and the sky was Clear to cloudy. The maximum & minimum temperatures ranged between 20.5 to 23.0°C and 5.9 to 8.2°C respectively. Relative humidity ranges from 74 to 96 % at 0712 hrs and 41 to 61 % at 1412 hrs. The wind was mainly from the N, WNW & WSW with a speed of 1.3 to 5.4 km/hour. Weather will remain clear in the coming five days. Maximum & minimum temperature may range from 21.0 to 24.0 deg C & 4.0 to 6.0 deg C respectively. Wind will blow with a speed of 8.0-12.0 km/hr from the ENE & WNW direction. As per ERF, the rainfall, maximum & minimum temperature will be normal in the state from 23 Feb to 01 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).

**SMS Advisory:**

Weather will remain dry in the coming five days.

**Crop Specific Advisory:**

<b>Crop(Varieties)</b>	<b>Crop Specific Advisory</b>
WHEAT	On the occurrence of mahu 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. Irrigate should be applied in the timely sown wheat crop at flowering stage.
MUSTARD	Irrigation should be given as per requirement in rai and mustard crop at grain filling stages of these crops. On the occurrence of Sclerotinia rot in mustard crop, remove affected part and spray carbendazim @ 1 g/lit water.
SUGARCANE	Sowing of spring season sugarcane crop should be completed till 15 March.
LENTIL	Irrigate the crop as needed before flowering.
SUNFLOWER	Sunflower varieties like Mordan, Surya should be sown in second fortnight of February.
CHICK PEA	To control the fruit borer in gram, spray Indoxacarb 158 EC by making a solution of 400-500 ml/ha in 500-600 liters of water. Irrigate the crop as needed before flowering.

**Horticulture Specific Advisory:**

<b>Horticulture(Varieties)</b>	<b>Horticulture Specific Advisory</b>
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<b>Horticulture(Varieties)</b>	<b>Horticulture Specific Advisory</b>
TOMATO	Those farmers who have not been able to sow summer tomatoes yet, then complete it soon at a distance of 60x45 cm. In case of late blight, spray Mancozeb 64% + cymoxanil 8% WP @ 2.5gm per litre by keeping in view the weather forecast. If crop plants is showing fluffy cottony growth which leads to dry the plants. So infected plants must be removed and burn.
POTATO	In case of late blight, spray Mancozeb 64% + cymoxanil 8% WP @ 2.5gm per litre.
BANANA	Remove the dry leaves of the plants and do two irrigations of the garden at 15 days interval.
LEMON	Give proper nutrition and irrigation to citrus plant to check flower drop. To control the fruit drop Planofix @ 0.75 ml/litre can be applied.

### Live Stock Specific Advisory:

<b>Live Stock(Varieties)</b>	<b>Live Stock Specific Advisory</b>
GOAT	To prevent chicken pox disease in sheep and goats, vaccination of sheep/goat pox should be done in the animals.