



**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 : 21-04-2023

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2023-04-21(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-04-22	2023-04-23	2023-04-24	2023-04-25	2023-04-26
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	35.0	35.0	36.0	36.0	37.0
Tmin(°C)	18.0	19.0	19.0	18.0	19.0
RH-I(%)	75	70	70	75	70
RH-II(%)	30	30	35	35	30
Wind Speed(kmph)	12	12	10	12	8
Wind Direction(Degree)	70	70	290	50	50
Cloud Cover(Octa)	1	0	3	5	2

### Weather Summary/Alert:

In the last seven days (April 14-20, 2023), there was 0.0 mm of rain and the sky remained cloudy with clear sky. The maximum temperature was between 36.0 to 39.0 °C and the minimum temperature was between 15.7 to 20.9 °C and the air In the morning at 0712 the relative humidity was 57 to 80 percent and at 1412 in the afternoon the relative humidity was 16 to 21 percent and the wind speed was 1.4 to 4.4 km per hour mainly from west-southwest and west-northwest direction. In the coming five days, the weather will be clear. Along with this, there will be light clouds somewhere, the maximum temperature will be between 35.0 to 37.0 °C and the minimum temperature will be between 18.0 to 19.0 °C and the relative humidity in the air at 0712 in the morning will be 70 to 75 percent and at 1412 in the afternoon the relative humidity will be 30 to 35 percent and the air will be from 10.0 to With a speed of 12.0 kmph, it will move mainly from North East, East North East and West-North-West directions.

### General Advisory:

In paddy-wheat cropping system, after harvesting wheat and other rabi crops, mainly sow dhaincha and sunai for green manure. Preference should be given to Sunai in sandy and loamy soils and dhaincha in heavy soil & waterlogged areas. The seed rate for dhaincha is 50-60 kg/ha and for sunai the seed rate is 80-90 kg/ha.

### SMS Advisory:

In the coming five days, the weather will be clear. Also it will be partly cloudy

### Crop Specific Advisory:

<b>Crop(Varieties)</b>	<b>Crop Specific Advisory</b>
WHEAT	Harvesting and threshing of wheat crops should be completed. Harvested grain should be adequately dried before storage.
SUGARCANE	Sowing of late sown sugarcane crop after harvesting of wheat, should be completed in this month. Upper 1/3rd to 1/2nd part of sugarcane should be used as seed for sowing. Seeds should be kept in water for 24 hr before seed treatment because it increases the germination. For seed treatment, solution of 1gram Carbendazim 50% in 1 liter of water should be used.
FODDER MAIZE	Irrigate maize sown for fodder in the second fortnight of February and do top dressing at the rate of 30-35 kg nitrogen per hectare (about 65-75 kg urea) after 3-4 days of irrigation
SUNFLOWER	Irrigate the crop as needed and remove weeds by weeding. At the time of hoeing, add 10-15 cm of soil to the roots of the plants.
GINGER	Sowing of ginger should be done. Pre irrigation should be given in the field of ginger. Ploughing of field should be done by applying 20-25 ton dung manure. 50 Kg Nitrogen, 80 Kg Phosphorous and 80 Kg Potash per Hectare should be applied in the field at the time of last ploughing.

### Horticulture Specific Advisory:

<b>Horticulture(Varieties)</b>	<b>Horticulture Specific Advisory</b>
OKRA/ LADYFINGER	In okra crop, irrigation should be done with light weeding & hoeing.
TOMATO	On the occurrence of fine mottled spot in upper leaves of tomato, Sarvangi insecticide at 10-15 days interval should be sprayed.
FRENCH BEAN	If the new plants of French bean are turning yellow then roots of these plants should be irrigated with solution of Carbendazim @ 1g/lit of water. If the leaves of old plants are turning yellow then same chemical should be sprayed in the leaves.
BRINJAL	Light irrigation, weeding and hoeing should be done in the brinjal crop.
COLOCASIA/ TARO	In plains, Bhabar and Terai areas, sow early variety of colocasia this month. Pre irrigation should be given in the field of colocasia root (arbi). Ploughing of field should be done by applying 20-25 ton dung manure. 50 Kg Nitrogen, 80 Kg Phosphorous and 80 Kg Potash per Hectare should be applied in the field at the time of last ploughing.
MANGO	Irrigation should be started when the fruit of mango gain the size like pea. Basin should be prepared and 2-3 irrigation should be given at an interval of 10-15 days. On the occurrence of mango hopper after fruit setting, Imidacloprid @ 3 ml/10 liter should be sprayed in the mango orchard

### Live Stock Specific Advisory:

<b>Live Stock(Varieties)</b>	<b>Live Stock Specific Advisory</b>
BUFFALO	Due attention should be given to arrangements for provision of water to animals. The drinking troughs should be kept clean and animals should be provided water at least four times during the day. If symptoms of mastitis are seen in dairy cattle , treat it immediately