



**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 : 16-05-2023

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2023-05-16(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-05-17	2023-05-18	2023-05-19	2023-05-20	2023-05-21
<b>Rainfall(mm)</b>	0.0	0.0	1.0	0.0	0.0
<b>Tmax(°C)</b>	38.0	39.0	38.0	38.0	39.0
<b>Tmin(°C)</b>	20.0	20.0	21.0	21.0	22.0
<b>RH-I(%)</b>	65	70	70	65	65
<b>RH-II(%)</b>	30	30	30	30	30
<b>Wind Speed(kmph)</b>	8	8	10	12	12
<b>Wind Direction(Degree)</b>	310	320	310	310	320
<b>Cloud Cover(Octa)</b>	1	4	3	0	0

### Weather Summary/Alert:

In the last seven days (May 9-15, 2023), there was 0.0 mm of rain and the sky remained clear and cloudy at some places. The maximum temperature was between 32.5 to 37.5 deg C and the minimum temperature was between 14.9 to 22.1 deg C and the relative humidity in the air at 0712 in the morning was 52 to 66 percent and at 1412 in the afternoon the relative humidity was 20 to 33 percent and the wind speed was mainly 0.7 to 4.0 km per hour. Wind moved from East-North-East and West-North-West directions. In the coming five days, the weather will be clear. Also, it will be light cloudy, the maximum and minimum temperature will be 38.0 to 39.0 and 20.0 to 22.0 degree Celsius respectively. The wind is likely to move from the North-West direction with a speed of 8.0- 12.0 km/h.

### General Advisory:

Kisan Bhai download "Meghdoot App" for last week's weather, forecast and weather based agriculture advisories and "Damini App" for lightning forecast. The Meghdoot and Damini apps can be downloaded from Google Play Store (Android users) and App Center (iOS users). Farmer brothers, in the month of May, after plowing the field, close the ridge and leave it. Plowing in summer destroys the larvae of insects and diseases and seeds of weeds etc. Rain water will remain in the field due to bunds and the soil will not be washed away with the flow of water.

### SMS Advisory:

In the next five days, on May 17-18, there may be light rain with thunder and lightening at some places and clear weather for rest of the days. Spraying chemicals keeping the weather forecast in mind

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
DAINCHA	Farmer brothers, after harvesting wheat and other rabi crops, sow dhaincha and flax in the empty field for green manure. Choose progressive varieties like Narendra Sanai-1 of Sanai and Pant Dhaincha-1, Hisar Dhaincha-1 etc. of Dhaincha. Keep the seed rate of 80-90 kg/ha for Sanai and 60-80 kg/ha for Dhaincha.
GREEN GRAM	Farmer brothers, keeping the weather forecast in mind, complete the irrigation work after weeding in moong.
SUGARCANE	Farmer brothers, if there is an outbreak of black bug in sugarcane during spring, spray 1 liter / hectare of Phentheate 50 EC or 750 ml of Monocrotophos 36 SL 0 or Quinalphos 25 EC dissolved in 2 liters of water.
GARLIC	Farmer brothers, after uprooting the ready-made garlic tubers, keep them in the shade and make small bundles and store them in a dry place where there is movement of air.

### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
ONION	Those farmer brothers who have planted onions around January 15-20, their tubers are ready. Then bend the stalk of the tuber with the help of hand or bamboo stick so that the tuber can be uprooted cleanly by drying the stalk.
TOMATO	To control viral diseases in tomato crop, remove and destroy infected plants (when shriveled pitted leaves are visible) and spray all-purpose insecticide to control sap-sucking insects. Spray Mancozeb 2.5g/L or Copper Oxychloride 3.0g/L of water to prevent the outbreak of Blight. Farmer brothers, keep in mind that spraying should be done keeping the weather forecast in mind.
PUMPKIN	If the leaves of pumpkin class vegetables are visible or twisted, then remove and destroy such plants and spray all-round insecticide to protect them from sap-sucking insects. Farmer brothers, keep in mind that spraying should be done keeping the weather forecast in mind.
CHILLI	Farmer brothers, to control viral diseases in chilli crop, remove and destroy infected plants (when shriveled pitted leaves are visible) and spray all-purpose insecticide to control sap-sucking insects. Spray Mancozeb 2.5g/L or Copper Oxychloride 3.0g/L of water to prevent the outbreak of Blight. Keep in mind that spraying should be done keeping the weather forecast in mind.

### Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	In the summer season, time to time spraying of melathiyam or other insecticide should be done in the drains near the animal shed. 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.
COW	Temperature of animal shed should be maintained using cooling devices such as fan, cooler or latest cooling device to maintain the productivity of foreign cows and save them from diseases. Foreign cows are unable to tolerate excessive heat, due to which their ability to consume food decreases which affect their production. Therefore, to maintain the production of foreign cows and to prevent diseases, temperature of animal shed should be maintained using cooling equipment like fan, cooler or latest cooling devices.

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

<b>Others (Soil / Land Preparation)(Varieties)</b>	<b>Others (Soil / Land Preparation) Specific Advisory</b>
GENERAL ADVICE	Soil sample should be taken from 10-15 different places in this month from fallow field after harvesting of rabi crops. Soil sample should be taken up to the depth of 20 cm