



**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 : 11-04-2023

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2023-04-11(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-04-12	2023-04-13	2023-04-14	2023-04-15	2023-04-16
<b>Rainfall(mm)</b>	0.0	0.0	0.0	0.0	0.0
<b>Tmax(°C)</b>	34.0	35.0	36.0	37.0	38.0
<b>Tmin(°C)</b>	13.0	14.0	14.0	15.0	15.0
<b>RH-I(%)</b>	65	65	70	70	75
<b>RH-II(%)</b>	30	30	30	30	30
<b>Wind Speed(kmph)</b>	8	12	12	10	10
<b>Wind Direction(Degree)</b>	310	300	290	70	50
<b>Cloud Cover(Octa)</b>	1	0	1	5	2

### Weather Summary/Alert:

In the last seven days ( 4 - 10 April, 2023), 0.0 mm of rain was received and the sky remained clear with light clouds. The maximum temperature was between 29.5 to 33.5 °C and the minimum temperature was 11.3 to 16.0 °C and the relative humidity in the air at 0712 am was 70 to 84 percent and at 1412 pm the relative humidity was 17 to 35 percent and the wind speed was 0.9 to 6.2 km per hour. The speed mainly moved from North and West-North-West directions. In the coming five days, the weather will be clear. The maximum and minimum temperature will be 34.0 to 38.0 and 13.0 to 15.0 degree Celsius respectively. The wind is expected to move from West-North-West, East North East and North-West direction with a speed of 8.0-12.0 km/h.

### General Advisory:

Due to dry weather conditions, the maximum temperature is very likely to increase by 2-3°C from April 12 to 15, 2023, with the maximum temperature at many places over Uttarakhand being 5 to 7°C above normal. Consequently, the maximum temperature is likely to reach 37 -38 °C over the plains around 15 -16 April 2023. To protect crops from heat stress, farmers are advised to irrigate their fields regularly keeping in mind the rainfall received in the past. Harvest the mature crops and store them in a safe place. To prevent animals from overheating, provide proper ventilation and use any cooling source to maintain an optimal temperature. Give animals adequate feed, mineral and vitamin mixtures to provide extra energy and a regular supply of fresh feed and clean water at ambient temperature. Isolate diseased animals.

### SMS Advisory:

The weather will remain dry for the next five days. Harvesting of peas, lentils and chickpeas should be done in the early morning immediately after harvesting and provide proper shelter to the animals

**Crop Specific Advisory:**

Crop(Varieties)	Crop Specific Advisory
WHEAT	Harvest the crop when the color of the ears of wheat becomes golden and the grains of the ears become hard. Harvest in time, otherwise there is breakage of ears and damage by birds and rats. After harvesting, dry the crop in the sun for 3-4 days and thresh it with a thresher. If harvesting of wheat is to be done by combine, then the moisture in the grains should not be more than 20 percent. Due to excessive moisture, the grains get stuck in the ears.
SUGARCANE	If there is sufficient moisture in the sugarcane crop sown in February, do top dressing of urea and hoeing. If sowing of sugarcane is to be done late after harvesting of wheat, then complete it in the month of April. For sowing, use 1/3 to 1/2 upper parts of the cane as seed. Before seed treatment, soak the seeds in water for 24 hours. This leads to an expected increase in deposits. For seed treatment, make a solution of 1 gram Carbedazim 50% at the rate of one liter of water.
LENTIL	Harvesting of pulse crops like lentil and gram should be done in the morning, immediate after maturity. Grains should be dried well before storage.
BARLEY	Harvest the crop when the color of the barley ears becomes golden and the grains of the ears become hard. Harvest in time, otherwise the spikelets break and are damaged by birds and rats. After harvesting, dry the crop in the sun for 3-4 days and thresh it with a thresher. If wheat is to be harvested with a combine, the moisture in the grain should not be more than 20 percent. Due to excess moisture grains get stuck in the ears.
FODDER MAIZE	To solve the shortage of green fodder for animals in the month of April, sow multi-harvest crops such as jowar, cowpea, maize, millet etc. for fodder at this time. For full production, complete the sowing of jowar by the second week of April and sowing of bajra and cowpea by the end of April.

**Horticulture Specific Advisory:**

Horticulture(Varieties)	Horticulture Specific Advisory
TOMATO	In tomato crop, roots should be dipped in to the solution of imidachloprid @1g/lit of water for 10-15 min before transplanting. On the occurrence of contracted piebald leaves in early transplanted crops of tomato, infected plants should be removed and destroyed. To control the juice sucking insect in these crops, sarvangi insecticide should be sprayed.
PUMPKIN	On the occurrence of leaf spot disease in cucurbitaceous (pumpkin class vegetables) crop, solution of mancozeb @ 2.5 g/lit of water should be sprayed
MANGO	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:**

Live Stock(Varieties)	Live Stock Specific Advisory
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.

**Poultry Specific Advisory:**

Poultry(Varieties)	Poultry Specific Advisory
HEN	For obtaining the high production from poultry birds, temperature of their dwelling place should be maintained. Balanced diet, fresh and neat water should be given to them.