



**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 : 23-05-2023

**Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2023-05-23(Valid Till 08:30 IST of the next 5 days)**

Parameter	2023-05-24	2023-05-25	2023-05-26	2023-05-27	2023-05-28
<b>Rainfall(mm)</b>	1.0	2.0	4.0	2.0	0.0
<b>Tmax(°C)</b>	38.0	37.0	34.0	33.0	33.0
<b>Tmin(°C)</b>	25.0	23.0	19.0	17.0	17.0
<b>RH-I(%)</b>	65	65	70	70	65
<b>RH-II(%)</b>	30	30	30	30	30
<b>Wind Speed(kmph)</b>	14	10	12	8	10
<b>Wind Direction(Degree)</b>	110	120	130	130	130
<b>Cloud Cover(Octa)</b>	4	7	6	6	4

**Weather Summary/Alert:**

In the last seven days (May 17-23, 2022), 0.0 mm of rain occurred and the sky remained clear and cloudy at some places. The maximum temperature was between 36.0 to 38.5 °C and the minimum temperature was between 19.9 to 25.7 °C and the relative humidity in the air at 0712 am was 48 to 75 percent and at 1412 pm the relative humidity was 25 to 33 percent and the wind speed was 1.9 to 8.2 km per hour, mainly west. - Walked from South-West, West-North-West and South-South-East direction. Today, there is a possibility of hailstorm and storm with thunder and lightning. Light rain may occur on May 24 and drizzle on May 25, 26 and 27 in the next five days. On May 28, the weather will be clear and there is a possibility of changing at some places. The maximum and minimum temperature will be 33.0 to 38.0 and 17.0 to 25.0 degree Celsius respectively. will remain The wind is likely to move from South-East, East-South-East direction with a speed of 10.0-14.0 km/h. Rainfall, maximum and minimum temperature are expected to be normal in the state during May 24-28. warning: warning on 23.05.2023 Lightning, hail and storm (50-60 kmph gusting to 70 kmph) is likely to occur at different places in Udham Singh Nagar district of Uttarakhand. Thunderstorm accompanied with lightning, hail and strong wind (40-50 kmph) very likely at isolated places. on 24.05.2023 Thunderstorm accompanied with lightning, hail, heavy rain and storm (50-60 kmph Wind speed reaching 70 kmph is very likely at isolated places in the districts of Uttarakhand. 25.05.2023 Thunderstorm accompanied with lightning, hail, heavy rain and storm (50-60 kmph Wind speed reaching 70 kmph is very likely at isolated places in the districts of Uttarakhand. Thunderstorm accompanied with lightning and gusty wind (30-40 kmph) very likely at isolated places over Uttarakhand districts on 26.05.2023. .

In the last seven days (May 17-23, 2022), 0.0 mm of rain occurred and the sky remained clear and cloudy at some places. The maximum temperature was between 36.0 to 38.5 °C and the minimum temperature was between 19.9 to 25.7 °C and the relative humidity in the air at 0712 am was 48 to 75 percent and at 1412 pm the relative humidity was 25 to 33 percent and the wind speed was 1.9 to 8.2 km per hour, mainly west. - Walked from South-West, West-North-West and South-South-East direction. Today, there is a possibility of hailstorm and storm with thunder and lightning. Light rain may occur on May 24 and drizzle on May 25, 26 and 27 in the next five days. On May 28, the weather will be clear and there is a possibility of changing at

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### General Advisory:

Farmers can obtain the last week's weather, weather forecast and weather based agriculture advice by downloading "Meghdoot App" and "Damini App" for lightning forecast. Both these apps can be downloaded from Google Play Store (Android users) and App Center (iOS users). To protect the trunk of fruit trees from the strong rays of the sun, use blue lime mixed with lime (blue lime 1 kg, lime 30 kg, half a liter of linseed oil mixed with 100 liters of water) on the trunk of the tree

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### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
DAINCHA	Irrigation recommended keeping the forecast in mind.
SUGARCANE	Farmers, if there is an outbreak of black bug in sugarcane during spring, then use Quinolphos 25 EC in 2 liters of water. Apply irrigation and spray chemical keeping in mind the weather forecast.
GREEN GRAM	Farmer brothers, pay attention to the work of irrigation and weeding according to the weather forecast.
MAIZE	Farmers, according to the weather forecast in maize, maintain sufficient amount of moisture. Use bird scaring methods to save the cob from the birds. Drain excess water in case of water logging conditions.
RICE	Rice nursery needs to prepared and protected from direct sun using nets. The sowing should be done during evening time.
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GREEN GRAM	.....

**Horticulture Specific Advisory:**

Horticulture(Varieties)	Horticulture Specific Advisory
OKRA/ LADYFINGER	Farmers as per the weather forecast should irrigate the crop and harvest the already ripe okra.
TOMATO	Farmer brothers, complete the harvesting of the finished tomato crop, as well as remove and destroy infected plants (when shriveled pitted leaves are visible) to control viral diseases and spray all-purpose insecticides to control sap-sucking insects. Spray Mancozeb 2.5g/l or Copper oxychloride 3.0g/l of water to prevent 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 vegetables are showing spots or curling, then destroy such plants and spray all-round insecticide to protect them from sucking insects. Spraying of pumpkin vegetables should be done keeping the weather forecast in mind. To prevent flower drop maintain moisture in the crop.
CHILLI	Farmer brothers, complete the harvesting of the prepared chilli crop, as well as remove and destroy infected plants (when shriveled pitted leaves are visible) to control viral diseases and spray all-purpose insecticides to control sap-sucking insects. Spray Mancozeb 2.5g/l or Copper oxychloride 3.0g/l of water to prevent outbreak of blight. Keep in mind that spraying should be done keeping the weather forecast in mind. To prevent flower drop maintain moisture in the crop.

**Live Stock Specific Advisory:**

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Get the cows vaccinated as needed.
BUFFALO	Farmers should keep the following points in mind Bathing of animals is must. No exposure to excessive heat. Exhaust fan to be installed for good ventilation. Mosquito nets to prevent mosquito bites.

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

Others (Soil / Land Preparation)(Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Soil testing to be done for nutrients and accordingly the nutrients to be added to the soil. Deep ploughing to be done upto 20-25 cm. Levelling of field.