



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 : 25-04-2023

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2023-04-25(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-04-26	2023-04-27	2023-04-28	2023-04-29	2023-04-30
Rainfall(mm)	0.0	0.0	0.0	0.0	2.0
Tmax(°C)	30.0	32.0	34.0	35.0	35.0
Tmin(°C)	16.0	17.0	18.0	18.0	17.0
RH-I(%)	65	60	60	65	70
RH-II(%)	30	30	30	30	35
Wind Speed(kmph)	9	12	9	11	12
Wind Direction(Degree)	70	70	270	270	270
Cloud Cover(Octa)	1	4	6	6	8

Weather Summary/Alert:

In the last seven days (April 18– 24, 2023), there was 0.0 mm of rain and the sky remained clear with light to moderate clouds. The maximum temperature was between 32.6 to 39.0 deg C and the minimum temperature was between 15.4 to 20.9 deg C and the relative humidity in the air at 0712 in the morning was 51 to 73 percent and at 1412 in the afternoon the relative humidity was 16 to 35 percent and the wind speed was mainly 2.3 to 5.1 km per hour. Wind from East-South-East and West-North-West directions. In the next five days, on April 29, 2023, there may be drizzle and light rain at some places and for the rest of the day it will be light to moderate with wind speed of 9.0-12.0 km/h from East-North-East and West. is estimated. The maximum and minimum temperature will be 30.0 to 35.0 and 16.0 to 18.0 degree Celsius respectively.

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). 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. After harvesting the Rabi crop, do deep plowing in the fields and leave the field open, which will destroy the eggs of insects and seeds of grass hidden in it due to the heat.

SMS Advisory:

In the next five days, on April 29, 2023, there may be drizzle and light rain at some places and the rest of the day will be light to moderate cloudy.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
BLACK GRAM	Keeping in view the weather forecast, irrigate urd as per requirement. Apply first irrigation after 25-30 days of sowing and then at 10-15 days gap as per requirement.
GREEN GRAM	Keeping in view the weather forecast, irrigate moong as per requirement. Apply first irrigation after 25-30 days of sowing and then at 10-15 days gap as per requirement.
SUGARCANE	Farmer brothers, keeping the weather forecast in mind, irrigate the crop as per requirement and remove the weeds by weeding. At the time of hoeing, apply 10-15 cm soil on 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 K
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.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
OKRA/ LADYFINGER	Farmer brothers, keeping the weather forecast in mind, irrigate okra crop with light weeding and weeding.
TOMATO	If small mottled spots appear on the upper leaves of tomato, spray all-round insecticide regularly at an interval of 10 to 15 days. Farmer brothers, keep in mind that spraying should be done only when the weather is clear.
FRENCH BEAN	In case of drying up of new plants in Frasebean, irrigate the roots by making a solution of Carbonazim at the rate of 1 gm per liter of water. If the leaves turn yellow and scorch in large plants, spray this chemical on the leaves. Farmers should be careful, keep the weather forecast in mind and ensure the work of spraying.
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 mango fruit becomes equal to the size of a pea. After fruit set, in case of mango hopper outbreak, spray Imidacloprid @ 3 ml/10 liters in mango. Farmer brothers, keep in mind that spraying should be done only when the weather is clear.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	Make proper arrangement of water for the animals during this summer. The drinking vessel should be kept clean and the animals should be given water at least four times during the day. If symptoms of mastitis are seen in animals, treat it immediately.