



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 : 28-04-2023

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2023-04-28(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-04-29	2023-04-30	2023-05-01	2023-05-02	2023-05-03
Rainfall(mm)	0.0	2.0	4.0	5.0	5.0
Tmax(°C)	35.0	34.0	32.0	27.0	27.0
Tmin(°C)	17.0	15.0	14.0	14.0	13.0
RH-I(%)	65	70	75	80	80
RH-II(%)	30	30	30	35	35
Wind Speed(kmph)	10	10	9	12	14
Wind Direction(Degree)	70	50	110	110	120
Cloud Cover(Octa)	6	8	8	7	7

Weather Summary/Alert:

In the last seven days (April 21-27, 2023), there was 0.0 mm of rain and the sky remained clear with light to moderate clouds. The maximum temperature was between 28.0 to 36.5 °C and the minimum temperature was 15.4 to 19.9 °C and the relative humidity in the air at 0712 in the morning was 51 to 75 percent and at 1412 in the afternoon the relative humidity was 18 to 35 percent and the wind speed was mainly 1.7 to 5.4 km per hour. It ran from East-South-East, East-North-East and West-South-West. In the next five days, there may be drizzle and light rain at some places and for the rest of the day there will be moderate to dense clouds, there is also a possibility of lightning/hail at isolated places and strong wind, storm. It is expected to move in East-South-East and East-North-East direction with a speed of 9.0-14.0 km/h. The maximum and minimum temperature will be 27.0 to 35.0 and 13.0 to 17.0 degree Celsius respectively.

General Advisory:

Farmer brothers, in paddy-wheat crop cycle, after harvesting of wheat and other rabi crops, mainly sow Dhaincha and Sanai for green manure. Give priority to structure in sandy and loamy soils, heavy soil and waterlogged areas. Keep the seed rate for Dhaincha at 50-60 kg/ha and for Sanai at 80-90 kg/ha. After harvesting the rabi crop, leave the field open by deep ploughing, so that the eggs of insects and grass seeds hidden in it will be destroyed due to the heat of the sun.

SMS Advisory:

In the next five days, there may be drizzle and light rain at some places and for the rest of the day, there will be moderate to dense clouds, there is also a possibility of lightning / hailstorm at i

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.
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.
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.
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 Frasbean, 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	At this time in brinjal crop, irrigation should be done keeping in mind the weather forecast along with light weeding.
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
COW	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
BUFFALO	In the summer season, time to time spraying of melathiyan 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