



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 : 04-05-2023

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2023-05-04(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-05-05	2023-05-06	2023-05-07	2023-05-08	2023-05-09
Rainfall(mm)	0.0	0.0	0.0	1.0	0.0
Tmax(°C)	30.0	32.0	34.0	35.0	34.0
Tmin(°C)	18.0	19.0	19.0	19.0	19.0
RH-I(%)	75	70	70	70	75
RH-II(%)	30	30	30	30	30
Wind Speed(kmph)	8	12	12	14	12
Wind Direction(Degree)	50	70	300	230	70
Cloud Cover(Octa)	1	0	1	2	2

Weather Summary/Alert:

In the last seven days (April 29 – May 03, 2023), there was 83.4 mm of rainfall and the sky was overcast with medium to thick clouds. The maximum temperature was between 22.6 to 35.0 °C and the minimum temperature was between 15.9 to 19.3 °C and the relative humidity in the air at 0712 am was 59 to 89 percent and at 1412 pm the relative humidity was 27 to 84 percent and the wind speed was mainly 1.0 to 5.9 km per hour. Wind from East-South-East and West-South-West directions. In the next five days, on May 7, 2023, there may be drizzle or light rain with thunder and strong winds and the weather will be clear for the rest of the day. Also, it will be light to medium cloudy, the maximum and minimum temperature will be 30.0 to 35.0 and 18.0 to 19.0 degree Celsius respectively. Wind with a speed of 12.0-14.0 km/h is likely to move from South-West, North-West and East-North-East direction.

General Advisory:

Farmer brothers, in the paddy-wheat crop cycle, in case of clear weather, after harvesting of wheat and other rabi crops, mainly sow dhaincha and flax 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 of Rabi crop, when the weather is clear, leave the field open by deeply plowing the fields, due to which 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, on May 7, 2023, there may be drizzle or light rain with thunder and strong winds and the weather will be clear for the rest of the day. Also partly cloudy.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
CHICK PEA	Farmer brothers, due to heavy rains in the past, harvest the late ripening crop of gram after one to two days when the weather is clear.
DAINCHA	Farmer brothers, due to excess rainfall in the past, when the weather is clear, after harvesting wheat and other rabi crops, sow dhaincha and flax for green manure in the empty field. 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 in view the rains in the past, postpone the irrigation work in moong for a few days.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
OKRA/ LADYFINGER	If the veins of the leaves are turning yellow in okra crop, then remove such plants and destroy them. And when the weather is clear, spray any all-purpose insecticide for the control of sap-sucking insects.
COWPEA/ LOBIA	Farmer brothers, in case of clear weather, irrigate the roots by making a solution of carbondazim at the rate of 1 gram/liter of water to prevent root and stem rot disease in cowpea.
FRENCH BEAN	Farmer brothers, in case of clear weather, irrigate the roots by making a solution of carbondazim at the rate of 1 gram/liter of water to prevent root and stem rot disease.
PUMPKIN	Farmer brothers, in the condition of clear weather, if yellow spots are seen in irregular shape on the leaves of pumpkin crops, reverse the leaves and if the growth of light gray mold is visible on the lower surface, then Mancozeb 2.5 g/l should be used for control. Spray by making a solution at the rate.
MANGO	To control fruit fly in mango orchard, pheromone trap made up of wood should be placed on tree (10 trap/ha) and pheromone trap should be changed in 2 months.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	Farmer brothers, in case of clear weather, the drains around the cattle shed Spraying of malathion or other insecticides was done from time to time. Due to increase in temperature after clear weather, make proper arrangement of water for the animals during these summer days. The drinking vessel should be kept clean and the animals should be given water at least four times during the day. If you see symptoms of mastitis in animals, treat it immediately.