



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 : 26-05-2023

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2023-05-26(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-05-27	2023-05-28	2023-05-29	2023-05-30	2023-05-31
Rainfall(mm)	3.0	2.0	0.0	2.0	0.0
Tmax(°C)	33.0	34.0	35.0	35.0	36.0
Tmin(°C)	19.0	20.0	21.0	22.0	23.0
RH-I(%)	75	75	70	75	70
RH-II(%)	30	30	30	30	30
Wind Speed(kmph)	12	9	10	12	12
Wind Direction(Degree)	120	110	120	120	320
Cloud Cover(Octa)	6	5	5	4	1

Weather Summary/Alert:

A total of 18.2 mm of rainfall has been recorded in the last seven days (May 19-25, 2023) and the maximum and minimum temperature ranged from 31.0 to 38.5 deg 0 and 19.5 to 25.7 deg 0. Changes were seen here and there in the last few days. On May 23 and 25, rain was also observed along with thunderstorms. The relative humidity in the air at 0712 in the morning is 54 to 83 percent and at 1412 in the afternoon the relative humidity is 25 to 56 percent and The wind was predominantly in the North-North-East direction with a speed of 2.0 to 8.2 kmph. In the next five days, on 26th, 27th and 29th May there may be drizzle at some places and it may remain cloudy. The maximum and minimum temperature will be 33.0 to 36.0 and 19.0 to 23.0 degree Celsius respectively. Wind with a speed of 10.0-12.0 km/h is expected to blow from East-South-East and South-East direction. **WARNING:** Thunderstorm accompanied with hailstorm/lightning and gusty wind (40-50 kmph) very likely at isolated places over Uttarakhand districts on 26 May 2023. Thunderstorm accompanied with lightning and gusty wind (40-50 kmph) very likely at isolated places on May 27 and May 29 also.

General Advisory:

Farmers can easily get last week's weather, weather forecast and weather based agriculture advice by downloading "Meghdoot App" and "Damini App" for lightning forecast. Both the apps are downloadable from Google Play Store (Android users) and App Center (iOS users). To save the stem of fruit tree from high radiation of sun, mixture of copper oxychloride with lime (1kg copper oxychloride, 30 kg Calcium hydroxide or bujha chuna, 1.5 liter linseed oil in 100 liter of water) should be used. Spraying of chemical should be done keeping in view the weather forecast.

SMS Advisory:

In the next five days, on 26th, 27th and 29th May there may be drizzle and light rain at some places, it may remain cloudy.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
DAINCHA	Irrigation recommended in the crop.
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	Farmers should follow the forecast before any prevalent farming practices like irrigation and weeding.
MAIZE	Farmers, as per the weather forecast and rainfall should maintain sufficient amount of moisture in the field. As the cobs are mature, there is a need to 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 be prepared and protected from direct sun using nets. The sowing should be done during evening time.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
OKRA/ LADYFINGER	Maintain moisture in the okra field and harvest the already ripe okra.
TOMATO	Farmer brothers, complete the harvesting of 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 type 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	Farmers need to complete the harvesting of the prepared chilli crop, as well as remove and destroy the infected plants (when shriveled and pitted leaves are visible) to control viral diseases and spray insecticides to control sap-sucking insects. Spray Mancozeb 2.5g/l or Copper oxychloride 3.0g/l of water to prevent outbreak of blight. 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 required.
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 is required.