



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 : 26-04-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-04-26(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-04-27	2022-04-28	2022-04-29	2022-04-30	2022-05-01
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	38.0	39.0	39.0	40.0	40.0
Tmin(°C)	20.0	21.0	21.0	22.0	20.0
RH-I(%)	50	50	45	55	60
RH-II(%)	20	20	25	25	30
Wind Speed(kmph)	10.0	12.0	12.0	14.0	14.0
Wind Direction(Degree)	310	310	100	250	130
Cloud Cover(Octa)	0	0	0	1	1

Weather Summary/Alert:

In the last seven days (19 – 25 April, 2022), there was 0.0 mm rain and the sky was Clear to cloudy. The maximum & minimum temperatures ranged between 35.5 to 40.0°C and 15.9 to 23.7°C respectively. Relative humidity ranges from 51 to 68 % at 0712 hrs and 11 to 33 % at 1412 hrs. The wind was mainly from the ESE & WNW with a speed of 1.0 to 7.2 km/hour. In the coming five days, weather will remain clear. Maximum & minimum temperature may range from 38.0 to 40.0 deg C & 20.0 to 22.0 deg C respectively. Wind will blow with a speed of 10.0-14.0 km/hr from the ESE, WSW & NW direction. As per ERF, the rainfall will be below normal and minimum & maximum temperature will be above normal in the state from 1 to 7 May.

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:

Weather will remain dry in the coming five days. Do not irrigate under strong wind conditions, otherwise there is a fear of crop fall; if possible, irrigate at night.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
BLACK GRAM	Irrigate urd as required. First irrigation is given after 25-30 days of sowing and then after 10-15 days interval as per requirement.
GREEN GRAM	Irrigate green gram as required. First irrigation is given after 25-30 days of sowing and then after 10-15 days interval as per requirement.
SUGARCANE	Sowing of late sown sugarcane crop after harvesting of wheat, should be completed in this month. Upper 1/3rd to 1/2nd part of sugarcane should be used as seed for sowing. Seeds should be kept in water for 24 hr before seed treatment because it increases the germination. For seed treatment, solution of 1 gram Carbendazim 50% in 1 liter of water should be used.
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
OKRA/ LADYFINGER	In okra crop, irrigation should be done with light weeding & hoeing.
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
TOMATO	On the occurrence of fine mottled spot in upper leaves of tomato, Sarvangi insecticide at 10-15 days interval should be sprayed.
FRENCH BEAN	FRENCH BEAN If the new plants of French bean are turning yellow then roots of these plants should be irrigated with solution of Carbendazim @ 1g/lit of water. If the leaves of old plants are turning yellow then same chemical should be sprayed in the leaves.
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 fruit of mango gain the size like pea. Basin should be prepared and 2-3 irrigation should be given at an interval of 10-15 days. On the occurrence of mango hopper after fruit setting, Imidacloprid @ 3 ml/10 liter should be sprayed in the mango orchard.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	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