



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 : 12-04-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-04-12(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-04-13	2022-04-14	2022-04-15	2022-04-16	2022-04-17
Rainfall(mm)	0.0	1.0	2.0	0.0	0.0
Tmax(°C)	38.0	38.0	37.0	37.0	37.0
Tmin(°C)	22.0	21.0	19.0	18.0	17.0
RH-I(%)	70	75	75	70	70
RH-II(%)	30	35	35	30	30
Wind Speed(kmph)	8.0	14.0	12.0	12.0	10.0
Wind Direction(Degree)	120	120	120	50	100
Cloud Cover(Octa)	4	5	3	2	1

Weather Summary/Alert:

In the last seven days (5 – 11 April, 2022), there was 0.0 mm rain and the sky was Clear. The maximum & minimum temperatures ranged between 37.0 to 37.6°C and 14.1 to 19.9°C respectively. Relative humidity ranges from 57 to 90 % at 0712 hrs and 14 to 29 % at 1412 hrs. The wind was mainly from the N, ENE, WSW & WNW with a speed of 2.0 to 6.7 km/hour. In the coming five days, very light rain may occur on 13 & 14 April otherwise weather will remain clear. Maximum & minimum temperature may range from 37.0 to 38.0 deg C & 17.0 to 22.0 deg C respectively. Wind will blow with a speed of 8.0-12.0 km/hr from the NE, ESE & E direction. As per ERF, the rainfall will be below normal and maximum & minimum temperature will be above normal in the state from 17 to 23 April.

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). Farmers make sure that the thresher is working properly and the wheat is well drained at the time of threshing and that the threshing should be done quickly. For storage, dry the wheat well under heavy sunlight, so that it does not remain more than 8-10 percent. Farmers are advised to treat gunny bags with 5% Neem solutions. The gunny bags should be dried in the sun so that eggs and pupating stages of insects as well as inoculum of diseases get destroyed.

SMS Advisory:

In the coming five days, very light rain may occur on 13 & 14 April otherwise weather will remain clear.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
WHEAT	Harvesting and threshing of wheat crops should be done. Harvested grain should be adequately dried before storage.
LENTIL	Harvesting of crop should be done in the morning, immediate after maturity. Grains should be dried well before storage.
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 1gram Carbendazim 50% in 1 liter of water should be used.
GARLIC	Garlic crop will be at its maturity almost at the end of this month so it is advised that irrigation should be stopped before 15 days of harvesting of crop.
GREEN GRAM	In summer moong (green gram), irrigation should be given at 25-30 days after sowing.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
MANGO	The blossom affected by gumma disease should be plucked and removed. 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.
PUMPKIN	On the occurrence of leaf spot disease in cucurbitaceous (pumpkin class vegetables) crop, solution of mancozeb @ 2.5 g/lit of water should be sprayed.
COLOCASIA/ TARO	In plains, Bhabar and Terai areas, sow early variety of colocasia this month.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	If symptoms of mastitis are seen in dairy cattle , treat it immediately. 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. To avoid heat waves provide proper ventilation.
COW	If symptoms of mastitis are seen in dairy cattle , treat it immediately. 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. To avoid heat waves provide proper ventilation.