



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 : 13-05-2021

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-05-13(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-05-14	2021-05-15	2021-05-16	2021-05-17	2021-05-18
Rainfall	15.0	2.0	0.0	0.0	0.0
Tmax(°C)	32.0	33.0	33.0	34.0	35.0
Tmin(°C)	17.0	18.0	19.0	22.0	22.0
RH-I(%)	80	75	70	65	65
RH-II(%)	45	40	35	35	30
Wind Speed(kmph)	20.0	14.0	12.0	12.0	12.0
Wind Direction(Degree)	120	120	50	50	40
Cloud Cover(Octa)	5	3	2	3	3

Weather Summary/Alert:

In the last seven days (6 – 12 May, 2021), there was 21.0 mm rain and the sky was clear to cloudy. The maximum & minimum temperatures ranged between 33.0 to 36.0°C and 17.2 to 22.4°C respectively. Relative humidity ranges from 59 to 86 % at 0712 a.m. and 34 to 43 % at 1412 hrs. The winds run mainly from the ESE & WSW with a speed of 1.3 to 7.8 km/hour. In the coming five days, very light to light rain may likely occur from 13 & 14 May otherwise weather will remain clear and wind will blow with a speed of 12.0-20.0 km/hr from the ESE & NE direction. Maximum & minimum temperature may range from 32.0 to 35.0 deg C & 17.0 to 22.0 deg C respectively. As per ERF5 products, rainfall will be above normal and max & min temperature will be moderately below normal & normal respectively from 19 - 25 May in the state. Thunderstorms accompanied with lightning likely to occur at a few places and gusty wind (30-40 KMPH) likely to occur in isolated places in especially in plains today on 13 May.

General Advisory:

In view of the severe spread of Corona (Covid-19), the farmers are advised to follow the guidelines given by the Government of India, personal hygiene, use of masks, washing hands at appropriate intervals during agricultural operations. NDVI & SPI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.1-0.25 for Udham Singh Nagar i.e. agriculture vigor is moderate in the district. SPI map indicates the moderately wet conditions in the district for the past 4 weeks.

SMS Advisory:

In the coming five days, very light to light rain may likely occur from 13 & 14 May otherwise weather

will remain clear and wind will blow with a speed of 12.0-20.0 km/hr from the ESE & NE direction.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
OKRA/ LADYFINGER	When the leaf hopper is exposed to the okra, imidacloprid can be sprayed at the rate of 8 g / 15 liters. But in view of the possibility of rain in the coming days, spraying of chemicals should be done only when the weather is clear.
RICE	Deep ploughing and bunding of fields should be done for sowing paddy crop after threshing of wheat.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
FRENCH BEAN	To control the root and stem rot diseases in french bean, carbendazim @ 1g/lit of water should be sprayed. Spraying of chemical should be done in clear weather.
VEGETABLE CHILLI	On the occurrence of contracted piebald leaves in the crop, infected plants should be removed and destroyed.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	To save the animals from HS (Galgotu) and black quarter (BQ) disease, vaccination on the recommendation of veterinarian should be given to them.