



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 : 11-05-2021

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-05-11(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-05-12	2021-05-13	2021-05-14	2021-05-15	2021-05-16
Rainfall	1.0	8.0	15.0	2.0	0.0
Tmax(°C)	33.0	32.0	32.0	33.0	34.0
Tmin(°C)	20.0	18.0	18.0	20.0	20.0
RH-I(%)	65	70	75	70	65
RH-II(%)	40	45	45	40	40
Wind Speed(kmph)	12.0	14.0	14.0	12.0	12.0
Wind Direction(Degree)	120	120	110	110	110
Cloud Cover(Octa)	3	6	6	2	2

Weather Summary/Alert:

In the last seven days (4 – 10 May, 2021), there was 21.0 mm rain and the sky was clear to cloudy. The maximum & minimum temperatures ranged between 34.0 to 36.0°C and 17.2 to 22.1°C respectively. Relative humidity ranges from 59 to 86 % at 0712 a.m. and 30 to 43 % at 1412 hrs. The winds run mainly from the ESE at a speed of 3.8 to 7.5 km/hour. Very light rain to light rain may likely occur from 11 to 14 May and wind will blow with a speed of 12.0-14.0 km/hr from the ESE direction. Maximum & minimum temperature may range from 32.0 to 34.0 deg C & 18.0 to 20.0 deg C respectively. As per ERFIS products, rainfall will be below normal and max & min temperature will be normal from 16 - 22 May in the state. Thunderstorms accompanied with lightning likely occur at few places i.e. between 25-50% area on 12 & 13 May and Gusty wind (30-40 KMPH) likely to occur at isolated places i.e. up to 25% area in plains.

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 0.1-0.35 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:

Very light to light rain may likely occur from 11 to 14 May.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
GREEN GRAM	Keeping in view the possibility of rain in the coming days, postpone the irrigation in the green gram.
OKRA/ LADIES' FINGER	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.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
PUMPKIN	On the occurrence of contracted piebald leaves in Cucurbitaceous 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.
COW	Two months old calves / heifer must be fed an anthelmintic medicine called Piperazine.