



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 : 21-05-2021

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-05-21(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-05-22	2021-05-23	2021-05-24	2021-05-25	2021-05-26
Rainfall	5.0	0.0	0.0	0.0	0.0
Tmax(°C)	31.0	32.0	34.0	36.0	36.0
Tmin(°C)	19.0	21.0	22.0	22.0	23.0
RH-I(%)	80	75	75	70	65
RH-II(%)	45	40	40	35	30
Wind Speed(kmph)	10.0	10.0	12.0	16.0	16.0
Wind Direction(Degree)	120	120	310	320	320
Cloud Cover(Octa)	3	2	1	0	1

Weather Summary/Alert:

In the last seven days (14 – 20 May, 2021), there was 80.4 mm rain and the sky was partly to dense cloudy. The maximum & minimum temperatures ranged between 27.0 to 39.0°C and 19.4 to 24.5°C respectively. Relative humidity ranges from 68 to 89 % at 0712 a.m. and 22 to 86 % at 1412 hrs. The winds run mainly from the ESE & WNW with a speed of 0.3 to 6.8 km/hour. In the coming five days, light to moderate rain may likely occur from 18 & 20 May otherwise weather will remain clear and wind will blow with a speed of 10.0-16.0 km/hr from the ENE & NW direction. Maximum & minimum temperature may range from 31.0 to 36.0 deg C & 19.0 to 23.0 deg C respectively. As per ERFS products, rainfall, max & min temperature will be below normal from 26 May - 1 June in the state.

General Advisory:

In view of the second wave 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 0.15-0.3 for Udham Singh Nagar i.e. agriculture vigor is moderate in the district. SPI map indicates the severely wet conditions in the district for the past 4 weeks.

SMS Advisory:

In the coming five days, light rain may occur today otherwise weather will remain clear.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Preparation of nursery should be done in this last week of this month for mid and late varieties of paddy. To obtain the good production, improved variety should be selected.
BARSEEM	Harvesting of barseem and fodder maize should be done on clear weather.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
Rose	On the occurrence of mite Spray propargite 1ml+ hexythiazox 0.5 ml /liter of water along with sticker in clear weather.
MANGO	To control fruit fly in mango orchard, pheromone trap made up of wood should be should be placed on tree 10 trap/ha and pheromone trap should be changed in 2 months.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	Depending upon the season, the content of the animal feed should be changed. At this time increase the quantity of wheat chaff and jowar in the feed. Due attention should be given to arrangements for provision of water to animals.