



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 : 20-04-2021

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-04-20(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-04-21	2021-04-22	2021-04-23	2021-04-24	2021-04-25
Rainfall	1.0	4.0	0.0	3.0	0.0
Tmax(°C)	35.0	36.0	35.0	34.0	35.0
Tmin(°C)	14.0	15.0	16.0	16.0	16.0
RH-I(%)	55	60	65	60	55
RH-II(%)	25	30	35	30	25
Wind Speed(kmph)	16.0	16.0	12.0	14.0	12.0
Wind Direction(Degree)	320	120	120	70	340
Cloud Cover(Octa)	5	4	0	3	0

Weather Summary/Alert:

In the last seven days (13 – 19 April 2021), there was 0.0 mm rain and the sky was clear to cloudy. The maximum & minimum temperatures ranged between 35.0 to 40.0°C and 14.7 to 21.1°C respectively. Relative humidity ranges from 55 to 65 % at 0712 a.m. and 11 to 21 % at 1412 hrs. The winds run mainly from the WNW at a speed of 2.7 to 8.2 km/hour. There is a forecast of light rain on 21 & 23 April at isolated places otherwise weather will remain clear in the coming five days and wind will blow with a speed of 12.0-16.0 km/hr from the ENE & NW direction. Maximum & minimum temperature may range from 34.0 to 36.0 deg C & 14.0 to 16.0 deg C respectively. There is a warning of gusty wind (30-40 kmph) at isolated places on 20 & 21 April. As per ERFIS products, rainfall will remain below normal, and maximum & minimum temperature will be normal in the state from 25 April to 1 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 0.2-0.30 for Udham Singh Nagar i.e. agriculture vigor is moderate in the district. SPI map indicates the mildly dry conditions in the district for the past 4 weeks.

SMS Advisory:

There is a forecast of light rain on 21 & 23 April at isolated places otherwise weather will remain clear in the coming five days.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
DAINCHA	In paddy-wheat crop rotation, after harvesting wheat or any other rabi crops, sowing of green manure like sesbania (daincha) and sunn hemp (Sanai) should be done in the second fortnight of April.
SUGARCANE	For late sowing of sugarcane crop after harvesting of wheat, should be completed in this month. Late sowing varieties of sugarcane like CoS88230, CoS95255, CoS595222, CoS97264, Co Pant84212, etc should be used. The 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 germination. For seed treatment, a solution of 1gram Carbendazim 50% in 1 liter of water should be used.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
ONION	To control the leaf blight disease in onion, tebuconazole or difenoconazole, or propiconazole @ 500ml/ha with any srvangi insecticide and sticker should be sprayed.
MANGO	When mango fruit is equal to pea grain then irrigation should be started. To stop the fruit from falling, 20 PPM, NAA (0.02g/lit) should be sprayed.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	Do not feed new straw to animals without soaking them in water, otherwise, there is a risk of suffering from indigestion disease.