



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 : 16-04-2021

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-04-16(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-04-17	2021-04-18	2021-04-19	2021-04-20	2021-04-21
Rainfall	0.0	2.0	0.0	0.0	0.0
Tmax(°C)	38.0	35.0	36.0	37.0	38.0
Tmin(°C)	18.0	15.0	15.0	15.0	17.0
RH-I(%)	55	55	50	55	55
RH-II(%)	20	25	20	25	30
Wind Speed(kmph)	16.0	16.0	12.0	12.0	14.0
Wind Direction(Degree)	60	120	340	340	320
Cloud Cover(Octa)	3	6	0	0	5

Weather Summary/Alert:

In the last seven days (9 – 15 April 2021), there was 0.0 mm rain and the sky was clear to cloudy. The maximum & minimum temperatures ranged between 36.0 to 40.0°C and 10.9 to 17.0°C respectively. Relative humidity ranges from 52 to 73 % at 0712 a.m. and 10 to 15 % at 1412 hrs. The winds run mainly from the WNW & ENE at a speed of 1.3 to 6.1 km/hour. Weather will remain clear in the coming five days but there is a chance of very light rain on 17 April at isolated places 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 35.0 to 38.0 deg C & 15.0 to 18.0 deg C respectively. There is a warning of gusty wind (30-40 kmph) at isolated places on 16 & 17 April. As per ERF products, rainfall will remain above normal and maximum & minimum temperature will be below normal in the state from 21 to 27 April.

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 0.2-0.35 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:

Weather will remain clear in the coming five days but there is a chance of very light rain on 17 April at isolated places. There is a warning of gusty wind (30-40 kmph) at isolated places on 16 & 17

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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.
GINGER	Sowing of ginger should be done.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
MANGO	When mango fruit is equal to pea grain then irrigation should be started. Irrigation should be given in clear weather conditions. To stop the fruit from falling, 20 PPM, NAA (0.02g/lit) should be sprayed.
TURMERIC	Sowing of turmeric should be done.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	Due attention should be given to arrangements for the 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.