



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
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 Udham Singh Nagar, Pantnagar, Uttarakhand



Agromet Advisory Bulletin

Date : 01-04-2021

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-04-01(Valid Till 08:30 IST of the next 5 days)

| Parameter | 2021-04-02 | 2021-04-03 | 2021-04-04 | 2021-04-05 | 2021-04-06 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Tmax(°C) | 32.7 | 31.8 | 31.9 | 33.7 | 36.0 |
| Tmin(°C) | 11.6 | 10.6 | 12.1 | 15.0 | 17.9 |
| RH-I(%) | 18 | 10 | 11 | 12 | 17 |
| RH-II(%) | 5 | 5 | 4 | 3 | 5 |
| Wind Speed(kmph) | 17.1 | 12.6 | 12.1 | 10.8 | 11.0 |
| Wind Direction(Degree) | 296 | 27 | 22 | 45 | 68 |
| Cloud Cover(Octa) | 0 | 0 | 0 | 0 | 4 |

Weather Summary/Alert:

In the last seven days (26 March – 01 April 2021), there was 0.0 mm rain and the sky was clear to cloudy. The maximum & minimum temperatures ranged between 30.5 to 36.0°C and 11.4 to 17.4°C respectively. Relative humidity ranges from 71 to 91 % at 0712 a.m. and 17 to 35 % at 1412 hrs. The winds run mainly from the WNW at a speed of 0.8 to 5.7 km/hour. Weather will remain clear in the coming five days and wind will blow with a speed of 10.8-17.1 km/hr from the NE direction. Maximum & minimum temperature may range from 31.8 to 36.0 deg C & 10.6 to 17.9 deg C respectively. As per ERFIS products below normal rainfall may occur in the district from 7 to 13 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 0.2-0.4 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 no rain in the coming five days and wind will blow with a speed of 10.8-17.1 km/hr from the NE direction.

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|--|
| SUGARCANE | Weeding & hoeing should be done the spring season sugarcane crop. Farmers are advise to necessary irrigation should be given in the crop by Keeping in view the weather forecast as there is a forecast that wind will blow with a speed of 10.8-17.1 km/hr from the NE direction. |
| BARLEY | In late sown barley crop, light irrigation should be given in the evening by keeping in view the weather forecast. Irrigation should not be given at the high speed of the wind. |
| FODDER SORGHUM | Fodder crops like jwar, lobia, maize, bajara (millet) etc can also be sown in the April month if the fodder crop is not available in sufficient quantity. |

Horticulture Specific Advisory:

| Horticulture(Varieties) | Horticulture Specific Advisory |
|-------------------------|--|
| FRENCH BEAN | To control the rust disease, spray of wettable sulfur or mancozeb 2.5 g or tridemorph 1ml/lit. |
| JAMUN | To control the bug in blackberry, monocrotophos 36 SL @ 1.5ml/lit of water should be sprayed. |

Live Stock Specific Advisory:

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