



**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 : 13-08-2021

**Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-08-13(Valid Till 08:30 IST of the next 5 days)**

Parameter	2021-08-14	2021-08-15	2021-08-16	2021-08-17	2021-08-18
<b>Rainfall</b>	25.0	20.0	15.0	8.0	5.0
<b>Tmax(°C)</b>	33.0	33.0	34.0	35.0	36.0
<b>Tmin(°C)</b>	24.0	24.0	24.0	24.0	25.0
<b>RH-I(%)</b>	80	80	80	75	70
<b>RH-II(%)</b>	65	60	60	55	55
<b>Wind Speed(kmph)</b>	10.0	12.0	12.0	10.0	10.0
<b>Wind Direction(Degree)</b>	90	120	120	120	120
<b>Cloud Cover(Octa)</b>	8	5	5	2	1

### Weather Summary/Alert:

In the last seven days (6 – 12 August, 2021), there was 12.2 mm rain and the sky was cloudy to dense cloudy. The maximum & minimum temperatures ranged between 31.6 to 35.5°C and 25.3 to 26.9°C respectively. Relative humidity ranges from 79 to 90 % at 0712 hrs and 58 to 73 % at 1412 hrs. The winds run mainly from the WNW & ENE with a speed of 1.8 to 4.0 km/hour. Moderate rain on 13, 14 August and light rain from 15 to 17 August may likely occur. Maximum & minimum temperature may range from 33.0 to 36.0 deg C & 24.0 to 25.0 deg C respectively. Wind will blow with a speed of 10.0-12.0 km/hr from the ESE direction. As per ERF5 products, rainfall will be below normal, maximum temperature above normal and minimum temperature will be normal from 18 - 24 August 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 0.20-0.35 for Nainital i.e. agriculture vigor is moderate in the district. SPI map indicates the mildly wet conditions in the district for the past 4 week. Farmers are advised to download "Meghdoot" and "Damini" mobile apps on their smartphones from Google Play Store for free to get timely weather forecasts and district-wise Agromet advisory bulletins and lightning information.

### SMS Advisory:

Light to moderate rain may likely occur in the coming five days. Spraying of chemicals should be done only in clear weather conditions by keeping in view the weather forecast.

**Crop Specific Advisory:**

<b>Crop(Varieties)</b>	<b>Crop Specific Advisory</b>
SOYABEAN	In soybean, do weeding twice at an interval of 20-25 days from sowing. After 30-35 days of sowing, uproot one or two plants. If the glands are not formed in the roots then do top dressing with urea at the rate of 30 kg nitrogen/ha.
RICE	In case of yellow stem borer infestation in paddy, apply Chlorantraniliprole 0.4 G @ 10 kg/ha or Fipronil 0.3 GR @ 25 kg/ha by keeping 2 inches of water in the field within 50 days of transplanting.
MAIZE	In maize, two weeding and hoeing should be done 20 & 35 days after sowing.

**Horticulture Specific Advisory:**

<b>Horticulture(Varieties)</b>	<b>Horticulture Specific Advisory</b>
LEMON	If there is an outbreak of mite in lemon and if the number is less, then crush it by hand and destroy it otherwise spraying of fipronil 5SC @2ml/lit should be done. Spraying of chemicals should be done by keeping in view the weather forecast.
BRINJAL	On the occurrence of whitefly in brinjal, thiamethoxam 25 WDG 200ml/500lit water/ha or pyriproxyfen 5 +fenpropathrin 15 EC @ 700ml/500lit water/ha should be sprayed. Spraying of chemicals should be done in clear weather.

**Live Stock Specific Advisory:**

<b>Live Stock(Varieties)</b>	<b>Live Stock Specific Advisory</b>
COW	At the age of one month, give the dose of piperazine @ 1 ml per kg body weight to the newborn calf/calves.