



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 : 24-08-2021

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-08-24(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-08-25	2021-08-26	2021-08-27	2021-08-28	2021-08-29
Rainfall	20.0	10.0	35.0	40.0	15.0
Tmax(°C)	33.0	34.0	33.0	31.0	32.0
Tmin(°C)	24.0	25.0	25.0	24.0	24.0
RH-I(%)	90	90	95	95	90
RH-II(%)	65	60	65	65	60
Wind Speed(kmph)	12.0	12.0	12.0	12.0	12.0
Wind Direction(Degree)	130	130	120	120	120
Cloud Cover(Octa)	7	5	8	8	7

Weather Summary/Alert:

In the last seven days (17 – 23 August, 2021), there was 19.2 mm rain and the sky was cloudy to dense cloudy. The maximum & minimum temperatures ranged between 31.0 to 35.0°C and 24.5 to 26.4°C respectively. Relative humidity ranges from 84 to 95 % at 0712 hrs and 66 to 85 % at 1412 hrs. The winds run mainly from the ENE & ESE with a speed of 2.9 to 8.7 km/hour. In the coming five days, light rain on 25 & 28 August and moderate rain on 24, 26 & 27 may likely occur in the coming five days. Maximum & minimum temperature may range from 31.0 to 34.0 deg C & 24.0 to 25.0 deg C respectively. Wind will blow with a speed of 12.0 km/hr from the ESE direction. As per ERFs products, rainfall will be below normal, maximum and minimum temperature will be normal from 29 August - 4 September in the state. Warning: Thunderstorm accompanied with lightning likely to occur at isolated places on 24 Aug and from 26 to 28 August.

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 0.30-0.45 for U S Nagar i.e. agriculture vigor is moderate in the district. SPI map indicates the mildly wet conditions in the district for the past 4 weeks. 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:

In the coming five days, light rain on 25 & 28 August and moderate rain on 24, 26 & 27 may likely occur in the coming five days.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	In the early stage of paddy field, on the occurrence of stem borer, the field should be filled with 2 inches of water then spray, chlorantraniliprole 0.4G @10 kg/ha of or Fipronil 0.3G @ 25 kg/ha within 50 days of transplanting
MAIZE	If more than 5% of maize plants are affected by borer, then spray Coragen @ 150 ml per hectare. Spraying of chemicals should be done in clear weather.
GINGER	On the occurrence of Sundi on the upper stems of the ginger plant, drench the plants by Fipronil 5SC @2ml/liter solution.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CAULIFLOWER	Browning or brown rot of cauliflower is due to boron deficiency; it appears on water-soaked areas and later changes into rusty brown. Spray 1kg of Borax in 500 liters of water 30 days after planting. Use the chemicals in clear weather conditions.
LEMON	To prevent the citrus canker disease in lemon, first of all, the diseased twigs should be cut and sprayed with blue copper 3 g / liter medicine after giving proper shape to the plants. Keep in mind that the diseased twigs should be burnt far away from the plants.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	Vaccinate the animals against FMD, if not already done so. Animals afflicted by FMD should be kept in a separate enclosure so that they do not infect the healthy ones. If FMD is prevalent in the area, do not let your animals come in contact with the infected ones.

Fisheries Specific Advisory:

Fisheries(Varieties)	Fisheries Specific Advisory
COMMON FISH	In this season, due to rain and cloud, there is a lack of oxygen and excess ammonia in the water, due to which the fish can die, so to avoid this, replace the old water with new water containing oxygen. Also, use toximar at the rate of 10 kg per acre in the pond.