



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 : 17-08-2021

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-08-17(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-08-18	2021-08-19	2021-08-20	2021-08-21	2021-08-22
Rainfall	8.0	10.0	20.0	15.0	12.0
Tmax(°C)	34.0	34.0	32.0	33.0	34.0
Tmin(°C)	26.0	24.0	24.0	25.0	25.0
RH-I(%)	70	85	95	95	90
RH-II(%)	60	65	65	65	65
Wind Speed(kmph)	10.0	12.0	16.0	16.0	14.0
Wind Direction(Degree)	310	120	110	110	110
Cloud Cover(Octa)	4	5	8	8	8

Weather Summary/Alert:

In the last seven days (10 – 16 August, 2021), there was 92.5 mm rain and the sky was cloudy to dense cloudy. The maximum & minimum temperatures ranged between 31.6 to 34.4°C and 24.4 to 26.5°C respectively. Relative humidity ranges from 89 to 97 % at 0712 hrs and 62 to 78 % at 1412 hrs. The winds run mainly from the WNW & ENE with a speed of 1.8 to 4.0 km/hour. Light to moderate rain may likely occur in the coming five days. Maximum & minimum temperature may range from 32.0 to 34.0 deg C & 24.0 to 26.0 deg C respectively. Wind will blow with a speed of 10.0-16.0 km/hr from the ESE direction. As per ERFS products, rainfall, maximum and minimum temperature will be normal from 22 - 28 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 0.20-0.45 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 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:

Crop(Varieties)	Crop Specific Advisory
RICE	In the event of bacterial leaf streak i.e. when the leaves are brown and dry in paddy crop, use streptomycin @ 15 g / ha only in the clear weather condition.
SOYABEAN	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.
SUGARCANE	As per the requirement, farmers should also do the second tying of the crop, which is 50 cm above the first.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
TOMATO	To control the collar rot disease in tomato, avoid water stagnation by ensuring good drainage. Drenching with either Trichoderma @10g/liter of water or carbendazim @ 1g/liter of water should be done. Keeping in view the forecast of moderate rain in the coming days, avoid the use of chemicals.
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.
MANGO	This month, there is a chance of the occurrence of tent caterpillars in mango. So the tent should be removed with the help of a tent removable device and the affected part should be removed and burnt together with insects. A necessary arrangement should be done for the proper drainage of rainwater.
PUMPKIN	To control the juice-sucking insect in these crops, sarvangi insecticide should be sprayed.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	Goat and sheep are prone to getting PPR, Sheep/Goat Pox and Enterotoxemia, at this time. Vaccinate them against these diseases.
BUFFALO	Ensure that the animal sheds remain dry during the monsoon season. To keep flies away spray Nilgiri or Lemon grass oil in the shed.