



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 NAINITAL(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	5.0	12.0	60.0	45.0	35.0
Tmax(°C)	23.0	22.0	21.0	20.0	19.0
Tmin(°C)	15.0	15.0	14.0	14.0	14.0
RH-I(%)	85	90	95	95	95
RH-II(%)	55	60	70	70	70
Wind Speed(kmph)	6.0	6.0	8.0	8.0	8.0
Wind Direction(Degree)	310	120	110	110	110
Cloud Cover(Octa)	3	5	8	8	8

Weather Summary/Alert:

Light to moderate rain may likely occur in the coming five days. Maximum & minimum temperature may range from 19.0 to 23.0 deg C & 14.0 to 15.0 deg C respectively. Wind will blow with a speed of 6.0-8.0 km/hr from the ESE & NW direction. As per ERFIS products, rainfall, maximum and minimum temperature will be normal from 18 - 24 August in the state. Warning: Heavy to very heavy rainfall with intense spells and thunderstorms accompanied with lightning in hills likely to occur at isolated places from 19 to 21 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 0.1-0.45 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 weeks. Farmers can 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
MAIZE	Keeping in view the rainfall forecast, farmers are advised to postpone the irrigation.
CUCUMBER	Proper support should be given to the cucurbits plants. Avoid direct contact of fruit with soil. Sell the prepared fruits of Cucumber in the market.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BROCCOLI	Transplanting/sowing of cabbage, broccoli, and turnip should be done.
PUMPKIN	Matured chappan kaddu should be sent to the market.
GUAVA	Evergreen fruit plants like Mango, guava, Lemon, papaya, Litchi, etc should be planted this month. In case of heavy rainfall, it is advised that proper drainage should be made from the basins of the fruit plant.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	Ensure that the animal sheds remain dry during the monsoon season. To keep flies away spray Nilgiri or Lemongrass oil in the shed.