



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 : 20-07-2021

Weather Forecast of NAINITAL(Uttarakhand) Issued On : 2021-07-20(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-07-21	2021-07-22	2021-07-23	2021-07-24	2021-07-25
Rainfall	25.0	20.0	25.0	15.0	15.0
Tmax(°C)	19.0	20.0	22.0	22.0	22.0
Tmin(°C)	15.0	15.0	15.0	16.0	16.0
RH-I(%)	95	95	95	95	95
RH-II(%)	65	65	65	65	65
Wind Speed(kmph)	6.0	6.0	8.0	8.0	8.0
Wind Direction(Degree)	120	120	120	130	130
Cloud Cover(Octa)	7	6	8	5	6

Weather Summary/Alert:

Light to moderate rain may likely occur in the coming five days. Maximum & minimum temperature may range from 19.0 to 22.0 deg C & 15.0 to 16.0 deg C respectively. Wind will blow with a speed of 6.0 - 8.0 km/hr from the ESE direction. As per ERFS products, rainfall will be above normal, and maximum & minimum temperature will be normal from 25 - 31 July in the state. Warning: Heavy to very heavy rainfall is likely to occur at isolated places from 20 to 22 July. Thunderstorm accompanied with lightning likely to occur at isolated places on 20 July.

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. Warning: Heavy to very heavy rainfall is likely to occur at isolated places from 20 to 22 July.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Remove weeds by weeding and hoeing in the Jethi paddy crop sown last month. Topdressing of Urea @ 1.25 kg/naali should be done in the crop after rain or when there is suitable moisture available in the soil.
MAIZE	There is a forecast of light to moderate rain in the coming days so, it is advised to avoid irrigation in the maize crop.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
POTATO	Moth-affected tuber crop of potato should not be stored. Spray Malathion 10 ml per liters of water on the store before storing the potato.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Calcium Chloride Gel should be given in about 200 ml quantity 24 hours before the calving of more milch animals. Give it on the day of calving and also after calving, so that the animal does not get a disease called milk fever.
GOAT	If the animals have not yet been vaccinated against FMD, hemorrhagic Septicaemia, Black Quarter, Enterotoxemia, etc., this must be done at this time. Adult sheep and goats must be vaccinated against Enterotoxemia.