



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 : 15-07-2022

Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2022-07-15(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-07-16	2022-07-17	2022-07-18	2022-07-19	2022-07-20
Rainfall(mm)	15.0	20.0	20.0	50.0	90.0
Tmax(°C)	25.0	25.0	24.0	23.0	21.0
Tmin(°C)	16.0	16.0	17.0	17.0	16.0
RH-I(%)	70	75	75	80	95
RH-II(%)	40	40	40	45	70
Wind Speed(kmph)	6.0	6.0	6.0	6.0	6.0
Wind Direction(Degree)	130	130	130	130	130
Cloud Cover(Octa)	5	2	1	7	8

Weather Summary/Alert:

In the coming five days, light to moderate rain from 15 to 18 July & heavy rain on 19 July may likely occur. Maximum & minimum temperature may range from 21.0 to 25.0 deg C & 16.0 to 17.0 deg C respectively. Wind will blow with a speed of 6.0 km/hr from the ESE direction. Warning: Heavy to very heavy rainfall likely to occur at isolated places on 18 July and Heavy to very heavy rainfall likely to occur at a few places with extremely heavy rainfall at isolated places on 19 July. As per ERF, the rainfall, maximum & minimum temperature will be normal in the state from 21 to 27 July.

General Advisory:

NDVI & SPI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.1-0.35 for Udham Singh Nagar i.e. agriculture vigor is moderate in the district. SPI map indicates the mildly dry conditions in the district for the past 4 weeks (16 June to 13 July). Farmers are advised to download the "Meghdoot App" to get past week weather, weather forecast, and agromet advisory and "Damini App" to get lightning information. Meghdoot and Damini Apps can be downloaded from the google play store (Android users) and App Center (IOS users). In view of the forecast of moderate rain in the coming days, farmers are advised not to spray chemicals and maintain proper drainage system in the field.

SMS Advisory:

Light to moderate rain from 15 to 18 July & heavy rain on 19 July may likely occur. In case of heavy rainfall, it is advised that proper drainage should be made from the basins of fruit plant.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Transplanting of paddy should be completed. Weed should be removed from the field before transplanting of paddy. Arrangement for irrigation and proper drainage of water should be done in the field before transplanting of paddy. To control the weeds in transplanted paddy, solution of butachlor (50 EC) @ 3 liter/ 750 liter of water should be sprayed within 3 days of transplanting.
MAIZE	Keeping in view the weather forecast and warning in coming days, farmers are advised, do not irrigate the maize crop sown in the month of June and proper drainage should be maintained in the field.
SOYABEAN	Maintain proper drainage system in the field.
GREEN GRAM	Sowing of green gram should be done in the second fortnight of the month keeping in mind the weather forecast.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
TOMATO	In hilly regions, tomato, Brinjal and Capsicum crop, proper drainage should be maintained in the field during monsoon season and fruit picking should be done timely.
CHILLI	Farmers are advised to maintain proper drainage system in the field and spraying of chemical should not be done.
FRENCH BEAN	Farmers are advised to maintain proper drainage system in the field and spraying of chemical should not be done.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	July & August month is highly favourable for cattles' delivery. So, it is recommended that their dwelling place should be clean and hygienic. Just after delivery, tie the navel of new born baby of cattle by cutting it with sharp and clean knife, then apply Gentian violet paint or tincture iodine. After animal's delivery, Gynotone or Utrotone medicine @ 200ml should be given in morning and evening hours for three days to clean the womb.