



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 : 29-07-2022

Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2022-07-29(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-07-30	2022-07-31	2022-08-01	2022-08-02	2022-08-03
Rainfall(mm)	60.0	55.0	60.0	30.0	40.0
Tmax(°C)	19.0	18.0	18.0	19.0	20.0
Tmin(°C)	14.0	14.0	15.0	15.0	15.0
RH-I(%)	95	95	95	95	95
RH-II(%)	75	75	75	75	75
Wind Speed(kmph)	6.0	6.0	6.0	6.0	6.0
Wind Direction(Degree)	130	130	70	100	100
Cloud Cover(Octa)	7	8	7	8	7

Weather Summary/Alert:

Moderate rain may likely occur In the coming five days. Maximum & minimum temperature may range from 18.0 to 20.0 deg C & 14.0 to 15.0 deg C respectively. Wind will blow with a speed of 6.0 km/hr from the ENE & ESE direction. Warning: Heavy to very heavy rainfall likely to occur at isolated places from 29 to 31 July. As per ERF, the rainfall will be below normal and maximum & minimum temperature will be moderately above normal in the state from 7 to 14 August.

General Advisory:

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 moderately dry conditions in the district for the past 4 weeks (30 June to 27 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). Rain water should not be given to the animals and maintain proper drainage system in the field and spraying of chemical should not be done. In case of heavy rainfall, it is advised that proper drainage should be made from the basins of fruit plant.

SMS Advisory:

Moderate rain may likely occur In the coming five days. Orange alert of heavy to very heavy rainfall at isolated places from 29 to 31 July has been issued.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
MAIZE	Keeping in view the weather forecast and warning in coming days, farmers are advised, do not irrigate the maize crop and proper drainage should be maintained in the field.
BLACK GOLD / CHARCOAL	Pulse crops like urd, moong and lobia should be sown in the plain area of bhawar which is free from water logging till first week of August keeping in view the weather forecast. Urd varieties like Pant urd-31, Pant urd-40, Pant urd-35, Uttara should be sown in lines at 30 cm distance & at 3-4 cm depth. Seed rate should be kept 12-15 kg/ha. Seed should be treated with fungicide and rhizobium culture before sowing.
SOYABEAN	Maintain proper drainage system in the field.
SUGARCANE	Keeping in view the forecast of light to moderate rain, it is advised that proper drainage should be maintained in the field. On the occurrence of mealy bugs in sugarcane crop, spray monocrotophos 36 SL @ 1500ml/ha in 500-1000 lit of water/ha according to crop canopy.
RICE	Top-dressing of urea @ 1.25 kg urea/naali after rain or when there is suitable moisture in the soil should be done in Chetki/Jethi paddy .

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
PUMPKIN	Cucumber and chappan kaddu should be sent to the market.
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.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	Small ruminant animals like sheep, goats and newborn calves should be protected from getting wet during rainy days so that they do not get cold/cough/pneumonia.
BUFFALO	After animal's delivery, Gynotone or Utrotone medicine @ 200ml should be given in morning and evening hours for three days to clean the womb.
COW	After animal's delivery, Gynotone or Utrotone medicine @ 200ml should be given in morning and evening hours for three days to clean the womb.