



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 : 12-08-2022

Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2022-08-12(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-08-13	2022-08-14	2022-08-15	2022-08-16	2022-08-17
Rainfall(mm)	2.0	15.0	35.0	10.0	8.0
Tmax(°C)	24.0	24.0	23.0	23.0	22.0
Tmin(°C)	16.0	16.0	15.0	15.0	15.0
RH-I(%)	90	90	95	95	95
RH-II(%)	55	60	65	65	65
Wind Speed(kmph)	6.0	6.0	6.0	6.0	6.0
Wind Direction(Degree)	120	70	70	70	135
Cloud Cover(Octa)	2	4	8	5	5

Weather Summary/Alert:

In the coming five days, moderate rain on 14 August and very light to light rain may occur on remaining days. Maximum & minimum temperature may range from 22.0 to 24.0 deg C & 15.0 to 16.0 deg C respectively. Wind will blow with a speed of 6.0 km/hr from the ESE & ENE direction. As per ERF, the rainfall, maximum and minimum temperature will be normal in the state from 17 to 23 August.

General Advisory:

NDVI & SPI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.1-0.35 for Nainital i.e. agriculture vigor is moderate in the district. SPI map indicates the mildly dry conditions in the district for the past 4 weeks (14 July to 10 August) 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:

In the coming five days, moderate rain on 14 August and very light to light rain may occur on remaining days. Evergreen fruit plants like Mango, guava, Lemon, papaya, Litchi etc should be planted.

Crop Specific Advisory:

Crop(Varieties)

Crop Specific Advisory

Crop(Varieties)	Crop Specific Advisory
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.
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.
SUGARCANE	Tie up of 5-6 sugarcane of each line should be done with the help of dry leaves up to 1.5-2.0 ft height from the ground.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BROCCOLI	Transplanting/sowing of radish, cabbage, broccoli and turnip should be done.
VEGETABLE PEA	In unirrigated (rainfed) mid hilly regions, arrangement of the seeds of early variety of pea should be done for sowing them in the mid of August. Seed selected for sowing must be treated before sowing. In case of heavy rain sowing of seeds should be done after 15 August .
FRENCH BEAN	To control the white rotting in french bean, Caerbendazim 1 g/liter should be sprayed keeping in view the weather forecast.
COWPEA/ LOBIA	To control the white rotting in cowpea (lobia), Caerbendazim 1 g/liter should be sprayed keeping in view the weather forecast.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
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.