



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 : 18-08-2022

Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2022-08-18(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-08-19	2022-08-20	2022-08-21	2022-08-22	2022-08-23
Rainfall(mm)	45.0	40.0	20.0	15.0	20.0
Tmax(°C)	26.0	26.0	27.0	27.0	27.0
Tmin(°C)	21.0	20.0	20.0	20.0	21.0
RH-I(%)	96	97	99	92	92
RH-II(%)	72	88	69	71	73
Wind Speed(kmph)	6.6	5.7	6.4	6.2	6.6
Wind Direction(Degree)	251	22	34	63	68
Cloud Cover(Octa)	8	8	8	8	7

Weather Summary/Alert:

In the coming five days, light to moderate rain may likely occur. Maximum & minimum temperature may range from 26.0 to 27.0 deg C & 20.0 to 21.0 deg C respectively. Wind will blow with a speed of 6.0-7.0 km/hr from the WSW, NNE & ENE direction. Warning: Heavy rain and Thunderstorm accompanied with lightning and intense shower likely to occur in some areas on 18 & 19 August. As per ERF, the rainfall, maximum and minimum temperature will be normal in the state from 21 to 27 August.

General Advisory:

NDVI & SPI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.2-0.35 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.

SMS Advisory:

In the coming five days, light to moderate rain may likely occur. Warning: Heavy rain and Thunderstorm accompanied with lightning and intense shower likely to occur in some areas on 18 & 19 August.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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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.
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. In some areas, infestation of bacterial leaf blight are found in the paddy crop. If tip of the leaves turn white or both sides of leaf turned white then in these fields spraying of 500g Copper oxichloride and 15g streptocyclin in 500 liter water should be done. These chemicals should be sprayed again at 7-10 days interval. Spraying of chemical should be done in clear weather.

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.
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	To save the animal from Gal-Ghotu disease, tie them in neat and clean places. When symptoms of Gal-Ghotu disease appeared in the animals, then inject Suphonamides like Sulphamethazine or Sulphadimidne 150Mg/Kg in the veins of animal for three days with the advice of Veterinarian.