



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 : 26-08-2022

Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2022-08-26(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-08-27	2022-08-28	2022-08-29	2022-08-30	2022-08-31
Rainfall(mm)	10.0	15.0	25.0	25.0	20.0
Tmax(°C)	24.0	24.0	22.0	20.0	21.0
Tmin(°C)	16.0	15.0	15.0	14.0	15.0
RH-I(%)	90	95	95	95	95
RH-II(%)	75	75	75	75	70
Wind Speed(kmph)	6.0	6.0	6.0	6.0	6.0
Wind Direction(Degree)	230	230	130	70	70
Cloud Cover(Octa)	2	5	7	6	6

Weather Summary/Alert:

In the coming five days, light to moderate rain may likely occur. Maximum & minimum temperature may range from 20.0 to 24.0 deg C & 14.0 to 16.0 deg C respectively. Wind will blow with a speed of 6.0 km/hr from the ENE, SE & SW direction. Warning: Thunderstorm accompanied with lightning and intense shower from 26-30 August & heavy to very heavy rain from 27 to 29 Aug may likely occur at isolated places. As per ERF, the rainfall will be below normal and maximum & minimum temperature will be normal in the state from 31 August to 9 September.

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 be done by keeping in view the weather forecast.

SMS Advisory:

In the coming five days, light to moderate rain may likely occur. Warning: Thunderstorm with lightning and intense shower from 26-30 Aug & heavy rain from 27 to 29 Aug at isolated places may occur.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	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 1000 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.
MAIZE	Maintain proper drainage system in the field. To control the leaf blight disease in maize crop, mancozeb @ 2.5g/lit of water should be sprayed.
SUGARCANE	Maintain proper drainage system in the field. On the occurrence of white fly in sugarcane crop, thiamethoxam 25 WG @ 125 g/ha should be sprayed and to save to crop from damage due to white grub, Fipronil 40 %+ Imidacloprid 40% WG @ 500g/ha should be sprayed keeping in view the weather forecast.
RADISH	In hilly regions, if moisture in the soil is more than sufficient, then sowing of radish and rai is done.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	In Brinjal crop, proper drainage should be maintained in the field during monsoon season and fruit picking should be done timely.
CAPSICUM	In Capsicum crop, proper drainage should be maintained in the field during monsoon season and fruit picking should be done timely.
APPLE	Drainage of water should be done in the basins of apple. Harvest apple fruits and fill them in cardboard boxes and market them.
FRENCH BEAN	To control the white rotting in french bean, 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. After animal's delivery, Gynotone or Utrotone medicine @ 200ml should be given in morning and evening hours for three days to clean the womb.