



**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 : 14-08-2023

Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2023-08-14(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-08-15	2023-08-16	2023-08-17	2023-08-18	2023-08-19
Rainfall(mm)	80.0	50.0	45.0	35.0	40.0
Tmax(°C)	18.0	22.0	24.0	23.0	25.0
Tmin(°C)	14.0	15.0	15.0	16.0	16.0
RH-I(%)	95	95	95	90	95
RH-II(%)	75	75	65	65	65
Wind Speed(kmph)	6	4	6	6	6
Wind Direction(Degree)	70	70	70	70	70
Cloud Cover(Octa)	8	6	8	4	7

### Weather Summary/Alert:

In the coming five days, moderate to heavy rain upto 19 August ranging 35-80 mm is likely to occur. Maximum & minimum temperature may range from 18.0 to 25.0 degree Celsius & 14.0-16.0 degree Celsius, respectively. Wind will blow with a speed of 4.0-6.0 km/hr from the East-North-East direction. Light to moderate rain/thunderstorm likely to occur at most places on 14th August and at many places on 16th, 17th & 18th August. Similar conditions might persist at most places in Nainital on 15th August, 2023. Warning: An orange alert has been issued for 14 August regarding occurrence of heavy to very heavy rainfall accompanied by thunderstorm/lightning and intense rain spell and yellow alert regarding the same has been issued for 15, 16, 17 and 18 August.

### General Advisory:

The farmers are advised to download "Meghdoot App" to get last week's weather, weather forecast and agrometeorological advice and "Damini App" to get lightning information. Meghdoot and Damini apps can be downloaded from Google Play Store (Android users) and App Center (iOS users). This will help them in taking right decisions regarding farming activities.

### SMS Advisory:

Moderate to heavy rainfall has been predicted for the district so appropriate drainage should be maintained in the field and farming activities should be taken up accordingly.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
FINGER MILLET	Keep monitoring the crops and do weeding as per requirement. At optimum soil moisture, go for top-dressing of urea @0.9 kg . Proper drainage should be maintained in the field and all the farming activities should be done keeping the forecast in mind.
RICE	In Jethi rice , remove the weeds. At optimum soil moisture, go for top-dressing of urea @1.25 kg per furrow. Proper drainage should be maintained in the field and all the farming activities should be done keeping the forecast in mind.
MAIZE	Maize requires regular weeding. Top-dressing of urea should be done when the maize is 2 feet tall. In case of fall army worm attack in the plain regions, Chlorantraniliprole 18.5 SC @0.4 ml/l of water should be applied. However, all the chemical applications and farming operations should be done keeping the forecast in mind. Maintain proper drainage in the field and stop irrigating for the time period.
SOYABEAN	Regular weeding and thinning should be done in the crop and proper drainage should be arranged. All farming activities should be performed keeping the forecast in mind.

#### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CAULIFLOWER	The transplantation of early varieties of cabbage, cauliflower, broccoli and knol-khol along with root crops like radish and turnip can be taken up in the mid hilly regions but only after sufficient moisture in the field as rainfall has been predicted. Proper drainage measures should be taken as per the forecasted rainfall.
CAPSICUM	Continuous picking of the fruits should continue and proper drainage should be maintained in the field.
TOMATO	Continuous picking of the fruits should continue and proper drainage should be maintained in the field.
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.

#### Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	Water supplied to livestock should be regularly tested to prevent water-borne diseases. To avoid this use antibacterial drugs like red drug in 1:1000 ratio in stored water. Bleaching powder/chlorine can also be used. To prevent 'footrot' disease, hooves should be dipped in 10% formalin solution or 5% blue solution for 2-3 minutes in the morning and evening for at least 3 days.
COW	Water supplied to livestock should be regularly tested to prevent water-borne diseases. To avoid this use antibacterial drugs like red drug in 1:1000 ratio in stored water. Bleaching powder/chlorine can also be used. To prevent 'footrot' disease, hooves should be dipped in 10% formalin solution or 5% blue solution for 2-3 minutes in the morning and evening for at least 3 days.