



**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 : 04-08-2023

Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2023-08-04(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-08-05	2023-08-06	2023-08-07	2023-08-08	2023-08-09
Rainfall(mm)	50.0	45.0	75.0	35.0	45.0
Tmax(°C)	20.0	20.0	19.0	19.0	20.0
Tmin(°C)	15.0	16.0	16.0	15.0	15.0
RH-I(%)	85	95	95	95	95
RH-II(%)	65	70	75	75	70
Wind Speed(kmph)	6	6	6	5	5
Wind Direction(Degree)	140	110	120	140	140
Cloud Cover(Octa)	8	8	8	8	8

### Weather Summary/Alert:

In the coming five days, moderate to heavy rain upto 9 August ranging 35-75 mm is likely to occur. Maximum & minimum temperature may range from 19.0 to 20.0 degree Celsius & 15-16.0 degree Celsius, respectively. Wind will blow with a speed of 5.0-6.0 km/hr from the East-North-East direction. Light to moderate rain/thunderstorm is likely to occur at most places on 4th, 5th, 6th & 8th August and similar conditions might occur at many places on 7th August, 2023. Warning: An orange alert regarding occurrence of heavy to very heavy rainfall and rain/thunderstorm accompanied by intense rain spell has been given for 4 and 6 August, 2023 and yellow alert regarding similar circumstances has been given for 5, 7 and 8 August.

### General Advisory:

The realized rainfall for 27 July to 2 August was 67 mm against a normal rainfall of 102 mm which represents a 34% deficiency in rainfall for the state. The extended range forecast for 4-10 August shows that the state may experience 58 mm rain against 99 mm normal rainfall which represents a deficit of 41%. The district-wise weekly rainfall for 26 July to 2 August was 81 mm which has been kept in normal rainfall category and the predicted rainfall for 4-10 August has been kept in deficient category in the state. The rainfall pattern for the district and the state clearly shows the highly variable rainfall pattern. 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:

The state may experience moderate to heavy rainfall thus all farming activities should be taken up accordingly and proper drainage should be arranged in the fields.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	In the last month sown Jethi rice , remove the weeds. After rains, when their is optimum moisture in soil, go for top-dressing of urea @1.25 kg per furrow. All the farming activities should be done keeping the forecast in mind.
FINGER MILLET	Keep monitoring the crops and do weeding as per requirement. After rains, when their is optimum moisture in soil, go for top-dressing of urea @o.9 kg .All the farming activities should be done keeping the forecast in mind.
MAIZE	Weeding should be done in the last month's sown maize crop. Top-dressing of Nitrogen should be done when the maize becomes 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.
SOYABEAN	Regular weeding 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	If seedlings are ready for transplanting then transplantation should be taken up keeping the forecast in mind. Short duration varieties of cabbage, cauliflower, broccoli and knol-khol can be taken up in the mid hilly regions but only after sufficient moisture in the field. Proper drainage measures should be taken as per the forecasted rainfall.
TOMATO	Continuous picking of the fruits should continue and proper drainage should be maintained in the field.
CAPSICUM	Continuous picking of the fruits should continue and proper drainage should be maintained in the field.
BRINJAL	Continuous picking of the fruits should continue and proper drainage should be maintained in the field.
CHILLI	Proper drainage should be maintained in the field and any kind of spray should be avoided
PUMPKIN	The harvested vegetables of cucurbitaceous family should be sent to the market for sale.

#### Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	After giving birth, Utrotane / Harira / Ginetone @200 ml should be given for three days during morning and evening for cleaning the uterus.
COW	After giving birth, Utrotane / Harira / Ginetone @200 ml should be given for three days during morning and evening for cleaning the uterus.
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.