



**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 : 21-07-2023

Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2023-07-21(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-07-22	2023-07-23	2023-07-24	2023-07-25	2023-07-26
<b>Rainfall(mm)</b>	90.0	40.0	30.0	45.0	45.0
<b>Tmax(°C)</b>	24.0	22.0	23.0	24.0	23.0
<b>Tmin(°C)</b>	16.0	15.0	15.0	15.0	15.0
<b>RH-I(%)</b>	95	90	90	95	95
<b>RH-II(%)</b>	65	75	75	75	75
<b>Wind Speed(kmph)</b>	6	6	6	6	6
<b>Wind Direction(Degree)</b>	110	70	70	70	70
<b>Cloud Cover(Octa)</b>	8	8	8	8	8

### Weather Summary/Alert:

In the coming five days, moderate to heavy rain from 21 to 25 July ranging 30-90 mm is likely to occur. Maximum & minimum temperature may range from 22.0 to 24.0 degree Celsius & 15.0 to 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 likely to occur at most places on 21st, 22nd, 24th & 25th July and at many places on 23rd July, 2023. Warning: An orange alert has been issued regarding heavy to very heavy rainfall accompanied by thunderstorm/lightning and intense downpour on 21 July while yellow alert has been issued for 22 and 23 where thunderstorm/lightning and intense downpour are expected to occur. Similar conditions with heavy to very heavy rainfall are likely to continue on 24 and 25 July where watch has to be kept on the weather conditions.

### 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 and the common people can also avoid damage to life and property .

### SMS Advisory:

moderate to heavy rainfall has been predicted so all the farming activities should be done accordingly.

### Crop Specific Advisory:

<b>Crop(Varieties)</b>	<b>Crop Specific Advisory</b>
RICE	The transplanting should be completed in this month and gap filling of the plots should be done within 10 days. Any kind of weedicide application should be done keeping the forecast in mind.
MAIZE	As per the forecast, proper drainage should be arranged in the field and irrigation should be avoided in the June month sown crop.
SOYABEAN	Proper drainage should be arranged in the field.
GREEN GRAM	Sowing of green gram should be done in the second fortnight of the month keeping in mind the weather forecast

### Horticulture Specific Advisory:

<b>Horticulture(Varieties)</b>	<b>Horticulture Specific Advisory</b>
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.
FRENCH BEAN	Proper drainage should be maintained in the field and any kind of spray should be avoided.

### Live Stock Specific Advisory:

<b>Live Stock(Varieties)</b>	<b>Live Stock Specific Advisory</b>
COW	July & August month is highly favourable for cattles' delivery. So, it is recommended that their dwelling place should be clean and hygienic. Just after delivery, tie the navel of new born baby of cattle by cutting it with sharp and clean knife, then apply Gentian violet paint or tincture iodine. After animal's delivery, Gynotone or Utrotone medicine @ 200ml should be given in morning and evening hours for three days to clean the womb. During monsoon, the cattle should be kept in the shed only and regular cleaning should be done to avoid occurrence of germs/bacteria .
BUFFALO	July & August month is highly favourable for cattles' delivery. So, it is recommended that their dwelling place should be clean and hygienic. Just after delivery, tie the navel of new born baby of cattle by cutting it with sharp and clean knife, then apply Gentian violet paint or tincture iodine. After animal's delivery, Gynotone or Utrotone medicine @ 200ml should be given in morning and evening hours for three days to clean the womb. During monsoon, the cattle should be kept in the shed only and regular cleaning should be done to avoid occurrence of germs/bacteria .