



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 : 14-07-2023

Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2023-07-14(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-07-15	2023-07-16	2023-07-17	2023-07-18	2023-07-19
Rainfall(mm)	60.0	50.0	90.0	110.0	50.0
Tmax(°C)	18.0	17.0	17.0	18.0	17.0
Tmin(°C)	16.0	16.0	16.0	16.0	16.0
RH-I(%)	90	95	95	95	95
RH-II(%)	70	85	85	85	85
Wind Speed(kmph)	6	6	6	6	6
Wind Direction(Degree)	130	70	130	130	70
Cloud Cover(Octa)	8	8	8	8	8

Weather Summary/Alert:

In the coming five days, moderate to heavy rain from 15 to 18 July ranging 50-110 mm is likely to occur. Maximum & minimum temperature may range from 17.0 to 18.0 degree Celsius & 16.0 degree Celsius, respectively. Wind will blow with a speed of 6.0 km/hr from the East-South-East direction. Warning: An orange alert has been issued for the district from 14-16 & 18 July regarding heavy to very heavy rainfall accompanied by thunderstorm/lightning and intense rain spell while on 17 July a red alert regarding similar conditions of extremely heavy rainfall accompanied by lightning/thunderstorm and intense rain spell has been issued.

General Advisory:

The extended range forecast dated 13 July, 2023 shows weekly (5-12 July) rainfall for the state in large excess i.e. 176.8 mm and Nainital has experienced 185.8 mm of rainfall which is also in excess. 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:

Heavy to very heavy rainfall have been predicted for 14-16 and 18 July and extremely heavy rainfall for 17 July so farmers are suggested to maintain proper drainage in their fields.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Due to forecast of extreme rainfall proper drainage should be maintained in the field.
KIDNEY BEANS/ RAJMA	Sown field should be provided with proper drainage.
GREEN GRAM	Sown field should be provided with proper drainage.
BLACK GRAM	Sown field should be provided with proper drainage.
SOYABEAN	Sown field should be provided with proper drainage.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
POTATO	Potato should be harvested keeping in view the weather forecast and proper drainage should be provided in the field. Chemical spraying should be avoided as per the rainfall forecast.
FRENCH BEAN	French bean should be harvested keeping in view the weather forecast and proper drainage should be provided in the field. Chemical spraying should be avoided as per the rainfall forecast.
CHILLI	Chilli should be harvested keeping in view the weather forecast and proper drainage should be provided in the field. Chemical spraying should be avoided as per the rainfall forecast.
TOMATO	Tomato should be harvested keeping in view the weather forecast and proper drainage should be provided in the field. Chemical spraying should be avoided as per the rainfall forecast.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
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.
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.