



## 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 : 11-07-2023

Weather Forecast of NAINITAL(Uttarakhand) Issued On : 2023-07-11(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-07-12	2023-07-13	2023-07-14	2023-07-15	2023-07-16
Rainfall(mm)	70.0	60.0	45.0	50.0	60.0
Tmax(°C)	19.0	16.0	18.0	18.0	19.0
Tmin(°C)	14.0	14.0	14.0	14.0	14.0
RH-I(%)	90	90	95	95	95
RH-II(%)	80	80	80	85	85
Wind Speed(kmph)	6	6	6	6	6
Wind Direction(Degree)	70	130	130	110	110
Cloud cover(octa)	6	8	7	8	8

#### Weather Summary/Alert:

In the next five days from 11 to 15 July 2023 the district is likely to receive moderate to heavy rainfall between 45 to 70 mm. Maximum and minimum temperature would vary between 16.0-19.0 °C and 14.0°C. The wind speed will be 6 kmph and wind direction will be mainly East-SouthEast. Warning: Light to moderate rain/thunderstorm likely to occur at most places on 11th,12th , 13th , 14th & 15th July, 2023. Red Alert has been issued for Nainital region on 11 and 12 July where heavy to very heavy rainfall accompanied by lightning and intense rain spell while yellow alert has been issued for similar occurrences on 13 and 14 July.

#### General Advisory:

The monthly forecast for July shows the rainfall to be normal and temperatures to be above normal for Uttarakhand state. In the upcoming week (6-12 July), the forecast shows likely occurrence of very heavy rainfall. The subdivisional rainfall map for 1 June to 5 July, 2023 as per India Meteorological Department shows 219.0 mm rainfall in Uttarakhand which is -6% in normal category against the normal rainfall of 232.0 mm. 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 for the suitable farming activities.

#### SMS Advisory:

Red alert regarding heavy to very heavy rainfall on 11 and 12 July accompanied by lightning and intense rain spell. Farmers should take action accordingly.

#### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Transplanting of paddy should be completed. Weed should be removed from the field before transplanting of paddy. Arrangement for irrigation and proper drainage of water should be done in the field before transplanting of paddy. To control the

<b>Crop(Varieties)</b>	<b>Crop Specific Advisory</b>
	weeds in transplanted paddy, solution of butachlor (50 EC) @ 3 liter/ 750 liter of water should be sprayed within 3 days of transplanting.
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:

<b>Horticulture(Varieties)</b>	<b>Horticulture Specific Advisory</b>
POTATO	Potato should be harvested keeping in view the weather forecast and proper drainage should be provided in the field. No chemical should be sprayed as per the forecast.
FRENCH BEAN	French bean should be harvested keeping in view the weather forecast and proper drainage should be provided in the field. No chemical should be sprayed as per the forecast.
CHILLI	Chilli should be harvested keeping in view the weather forecast and proper drainage should be provided in the field. No chemical should be sprayed as per the forecast.
TOMATO	Tomato should be harvested keeping in view the weather forecast and proper drainage should be provided in the field. No chemical should be sprayed as per the forecast.

#### 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.
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.