



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 : 11-08-2023

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

Parameter	2023-08-12	2023-08-13	2023-08-14	2023-08-15	2023-08-16
Rainfall(mm)	60.0	50.0	110.0	110.0	45.0
Tmax(°C)	22.0	21.0	19.0	18.0	20.0
Tmin(°C)	16.0	16.0	15.0	14.0	14.0
RH-I(%)	95	95	95	95	95
RH-II(%)	70	75	75	75	70
Wind Speed(kmph)	6	6	6	4	4
Wind Direction(Degree)	70	140	140	70	70
Cloud Cover(Octa)	8	7	8	8	6

Weather Summary/Alert:

In the coming five days, moderate to very heavy rain upto 16 August ranging 45-110 mm is likely to occur. Maximum & minimum temperature may range from 18.0 to 22.0 degree Celsius & 14-16.0 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 11th, 12th, 13th, 14th & 15th August. Light to moderate rain/thunderstorm likely to occur at most places in Nainital on 16th August, 2023. Warning: An orange alert regarding heavy to very heavy rainfall accompanied by lightning/thunderstorm and intense rain spell has been issued for 11 and 15 August while a red alert has been given regarding similar conditions for 12, 13 and 14 at isolated places of the region.

General Advisory:

The realized rainfall for 3 to 9 August was 115 mm against a normal rainfall of 93 mm which represents a 24% deviation in rainfall for the state and the condition showed excess rainfall condition. 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 district may experience moderate to very heavy rainfall thus proper drainage should be maintained in the field and any sowing operation should be delayed for the time being.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	All the chemical sprays should be avoided and proper drainage should be maintained in the field.
FINGER MILLET	All the chemical sprays should be avoided and proper drainage should be maintained in the field.
MAIZE	Maintain proper drainage in the field and all the farming activities should be done keeping the forecast in mind.
GREEN GRAM	The sowing of the crop should be delayed and farming activities in the previous month's should be done keeping the forecast in mind.
BLACK GRAM	The sowing of the crop should be delayed and farming activities in the previous month's should be done keeping the forecast in mind.
SOYABEAN	Maintain proper drainage in the field and all the farming activities should be done keeping the forecast in mind.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
MANGO	The sowing activities can be delayed for the time being and all other farming activities should be done keeping the forecast in mind.
CAULIFLOWER	The transplantation of cabbage, cauliflower, broccoli and knol-khol along with root crops like radish and turnip should be delayed in the mid hilly regions. 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.
PUMPKIN	The harvested crop should be stored properly and proper drainage should be maintained in the standing crop.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	After giving birth, Utrotane / Harira / Ginetone @200 ml should be given for three days during morning and evening for cleaning the uterus. In this month, there is a lot of problem of infectious vats diarrhoea, so clean the cattle shed 2-3 times a day and use disinfectant. Cows/Bufaloes must be given anthelmintic medicine about two weeks after calving, along with this liver tonic, salt mixture and blood booster etc. should also be given for 15 days.
BUFFALO	After giving birth, Utrotane / Harira / Ginetone @200 ml should be given for three days during morning and evening for cleaning the uterus. In this month, there is a lot of problem of infectious vats diarrhoea, so clean the cattle shed 2-3 times a day and use disinfectant. Cows/Bufaloes must be given anthelmintic medicine about two weeks after calving, along with this liver tonic, salt mixture and blood booster etc. should also be given for 15 days.