



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 : 28-07-2023

Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2023-07-28(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-07-29	2023-07-30	2023-07-31	2023-08-01	2023-08-02
Rainfall(mm)	40.0	25.0	20.0	25.0	45.0
Tmax(°C)	21.0	20.0	22.0	22.0	23.0
Tmin(°C)	15.0	15.0	16.0	16.0	16.0
RH-I(%)	95	95	95	95	95
RH-II(%)	75	75	75	75	75
Wind Speed(kmph)	6	4	6	6	6
Wind Direction(Degree)	70	70	70	70	70
Cloud Cover(Octa)	7	7	5	8	8

Weather Summary/Alert:

In the coming five days, light to moderate rain upto 2 August ranging 20-40 mm is likely to occur. Maximum & minimum temperature may range from 20.0 to 23.0 degree Celsius & 15.0 to 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 28th, 29th July & 1st August and at many places on 30th & 31st July, 2023. Warning: A yellow alert has been issued regarding heavy to very heavy rainfall accompanied by thunderstorm/lightning and intense rain spell on 28 July and 1 August while similar conditions of thunderstorm/lightning and intense rain spell has been predicted for 29-31 July.

General Advisory:

The realized rainfall for 20-26 July shows 25% excess rainfall i.e. 121.5 mm against the normal rainfall i.e. 97.4 mm while the extended range forecast for 28 July to 03 August predicts below normal rainfall in the state. However, as per the district-wise weekly average rainfall (19-26 July), the experienced rainfall was 43.3 mm which has been depicted as largely deficient. This clearly shows the high rainfall variability in the state where some regions experienced excess and some deficient rainfall. 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:

Light to moderate rainfall has been predicted in the district so the farming activities may be carried out accordingly.

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. All the farming activities should be done

Crop(Varieties)	Crop Specific Advisory
	keeping the forecast in mind.
FINGER MILLET	Keep monitoring the crops and do weeding as per requirement. 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	Maintain proper drainage system in the field.

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.
FRENCH BEAN	Proper drainage should be maintained in the field and any kind of spray should be avoided.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	July is the month of delivery, so at the time of delivery of the animal, they should be constantly monitored and cleaned thoroughly after calving. 200 ml of any one of the medicines named Utrotane / Harira / Ginetone in the morning and evening for three days should be given for cleaning the uterus. The cattle shed should be cleaned regularly 2-3 times during the rainy season.
BUFFALO	July is the month of delivery, so at the time of delivery of the animal, they should be constantly monitored and cleaned thoroughly after calving. 200 ml of any one of the medicines named Utrotane / Harira / Ginetone in the morning and evening for three days should be given for cleaning the uterus. The cattle shed should be cleaned regularly 2-3 times during the rainy season.
GOAT	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.