



Agromet Advisory Bulletin

Date: 13.10.2023

Weather Forecast of District UDHAMSINGH-NAGAR (Uttarakhand) Issued On: 2023-10-13 (Valid Till 08:30 IST of the next 5 days)

Parameter	14/10/2023	15/10/2023	16/10/2023	17/10/2023	18/10/2023
Rainfall (mm)	0.0	0.0	2.0	1.0	0.0
Max Temp (°C)	33.0	33.0	33.0	31.0	30.0
Min Temp (°C)	17.0	17.0	18.0	16.0	15.0
Max RH I (%)	70	70	75	75	70
Min RH II (%)	35	40	40	40	40
Wind speed (km/h)	6	6	8	8	8
Wind direction	70	70	70	70	70
Cloud cover	1	1	3	7	4

Weather Summary/ Alert:

In the last seven days (6 to 12 October) 0.0 mm rainfall was recorded with maximum and minimum temperatures ranging between 33.0 to 33.6°C and 15.9 to 21.9°C. During the last week weather remained clear. Morning relative humidity at 0712 hrs ranged between 80 to 89% and evening relative humidity at 1412 hrs ranged between 42 to 55%. Wind speed was 0.1 to 0.8 km per hour and wind direction was mostly north-north-east. The upcoming 5 days forecast shows light drizzle on 15 & 16th October ranging 1-2 mm while the sky will remain clear on other days. The maximum and minimum temperatures would vary between 30 to 33 degrees Celsius and 15-18 degrees Celsius. Winds with a speed of 6-8 kmph will mostly blow from the east-north-east direction. Except for 15 & 16 th, dry weather is expected to prevail in the region.

General Advisory:

The Realized rainfall for the state shows 3.5 mm rainfall against the normal rainfall of 22.7 mm for 18th September to 11th October which shows largely deficient rainfall trend in the state while the extended range forecast system for the next two weeks (13 to 26th October) predicts above normal rainfall i.e. 26.6 mm against normal rainfall of 15.8 mm. The district wise weekly average forecast for the rainfall shows large excess for 13-19 October. The agricultural vigour for the region varies from good to very good in the region. 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 drizzle is expected on 15th and 16th October while dry conditions will prevail in the remaining days, hence farming activities can be carried out accordingly.

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Rice	Maturity/harvesting	Early and medium maturing varieties should be harvested and kept for drying.
Maize	Maturity/Harvesting	Harvest the mature cobs.
Rapeseed (Lahi) and Mustard/Rai	Sowing	Rapeseed/Mustard should be sown till mid October
Barseem	Sowing	Sowing should be done in the first fortnight of October. Varieties like UPB-110, maskavi, pusa jayant, bardaan should be selected for higher fodder production and seed should be rhizobium treated before sowing.
Wheat/Barley	Sowing	Prepare the field for sowing and proper seed treatment should be done to avoid seed borne diseases.

Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
Vegetable Pea	Sowing	The vegetable pea can be sown during this month @80-129 kg/ha
Potato	Sowing	Preparation for sowing of potato can be taken up in the region.

Live Stock Specific Advisory

Livestock	Live Stock Specific Advisory
Buffalo/Cows	Before breeding, cows/buffaloes should be given vaccines of Vibriosis-L-5, IVR, BVD, parainfluenza etc. jointly or separately.