



Agromet Advisory Bulletin

Date: 12.12.2023

Weather Forecast of District UDHAMSINGH-NAGAR (Uttarakhand) Issued On: 2023-12-12 (Valid Till 08:30 IST of the next 5 days)

Parameter	13/12/2023	14/12/2023	15/12/2023	16/12/2023	17/12/2023
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Max Temp(°C)	24.0	23.0	23.0	23.0	23.0
Min Temp(°C)	7.0	7.0	8.0	8.0	6.0
Max RHI (%)	70	70	70	70	70
Min RHII(%)	30	30	30	30	30
Wind speed (km/h)	3	3	4	4	3
Wind direction	120	320	320	320	320
Cloud cover	0	0	0	0	0

Weather Summary/Alert:

In the last seven days (05 to 11 December) 0 mm rainfall was recorded with maximum and minimum temperatures ranging between 21.5 to 27.0°C and 5.9 to 13.1°C. During last week weather remained clear on most of the days. Morning relative humidity at 0712 hrs ranged between 77 to 94% and evening relative humidity at 1412 hrs ranged between 33 to 53%. Wind speed was 1.6 to 2.8 km per hour and wind direction was north-east-north and north-north-east. The upcoming 5 days forecast shows no rainfall. The maximum and minimum temperatures would range 23.0-24.0 degrees Celsius and 6.0-8.0 degrees Celsius. Winds with a speed of 3-4 kmph would mostly blow from north-west direction. Dry weather is likely to prevail in the region.

General Advisory:

The district wise weekly average rainfall shows 1 mm rainfall in the region which is indicated as large excess as compared to the normal. However, the forecast trend indicates large deficient rainfall pattern for 08-14 December along with normal maximum and below normal minimum temperature trend. The NDVI composite shows moderate to good agricultural vigour in the region. The weather forecast and agrometeorological advisory is regularly updated on the "Meghdoot" and "Damini App" is also available to get lightning information. Meghdoot and Damini apps can be downloaded from Google PlayStore (Android users) and App Center (iOS users).

SMS Advisory:

The region has observed a sudden fall in minimum temperature so the crops should be monitored regularly and appropriate farming practices should be followed such as irrigation and chemical application.

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Chickpea/Lentil	Sowing/germination/flowering	In case of late sowing, the sowing operations should be completed till first fortnight of the month and the crop should be regularly monitored for hoeing and weeding.
Rapeseed(Lahi) /Rai/Mustard	Germination/ Vegetative/ flowering	Irrigation should be applied as per requirement and in case of pest/disease attack, recommended practices should be followed.
Wheat	Germination/ vegetative	First irrigation in timely sown crop should be applied after 20-25 days. 3-4 days after irrigation application top dressing of urea should be done. The weeding and hoeing of the field should be done at 25-30 days and 45-50 days interval.
Barley	Germination/ vegetative	The timely sown crop should be irrigated at 20-25 days interval, after which top dressing of urea should be done.

Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
VegetablePea	Sowing/germination/flowering	In case of late sowing, the sowing operations should be completed till first fortnight of the month and the crop should be regularly monitored for hoeing and weeding.
Cauliflower	Vegetative	Light irrigation should be given in the cauliflower. To control the leaf spot disease in cole crops, mancozeb 75 WP should be applied 2-3 times. Hot water seed treatment should be used to control the disease.
Tomato	Vegetative/ flowering	On the shrinkage or getting piebald of upper leaves of tomato, infected plants should be removed and destroyed. The crop should be checked for disease transferring insects and controlled accordingly.

Live Stock Specific Advisory

Livestock	Live Stock Specific Advisory
Buffalo / Cow	During winters, the amount of extra energy giving food items should be increased by 25 percent. The tied animals should be released for exercise and should be kept under the sun.
Sheep/goats	Animals should be taken to graze grass only when the frost dries up, otherwise they are at risk of getting enterotoxemia from frosty feed. Animals should be brought to the enclosure on time to protect them from cold.