



## **Agromet Advisory Bulletin**

**Date: 01.12.2023**

**Weather Forecast of District UDHAMSINGH-NAGAR (Uttarakhand) Issued On: 2023-12-01 (Valid Till 08:30 IST of the next 5 days)**

Parameter	02/12/2023	03/12/2023	04/12/2023	05/12/2023	06/12/2023
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
MaxTemp(°C)	26.0	26.0	26.0	25.0	26.0
MinTemp(°C)	11.0	11.0	10.0	10.0	10.0
Max RHI (%)	70	70	70	70	70
Min RHII(%)	30	30	30	30	30
Wind speed (km/h)	6	6	6	6	6
Wind direction	70	70	130	130	90
Cloud cover	1	2	3	2	3

### **Weather Summary/Alert:**

In the last seven days (24 to 30 November) 0.0 mm rainfall was recorded with maximum and minimum temperatures ranging between 22.0 to 28.0°C and 9.0 to 15.0°C. During last week weather remained clear. Morning relative humidity at 0712 hrs ranged between 78 to 93% and evening relative humidity at 1412 hrs ranged between 35 to 70%. Wind speed was 0.1 to 3.3 km per hour and wind direction was mostly north and north-north-east. The upcoming 5 days forecast shows no rainfall. The maximum and minimum temperatures would range 25.0-26.0 degrees Celsius and 10.0-11.0 degrees Celsius. Winds with a speed of 6 kmph would mostly blow from east, south-east and east-north-east direction. Dry weather is likely to prevail in the region.

### **General Advisory:**

The extended range forecast for the region shows that the district-wise weekly average rainfall for the last week was 0 mm and the forecast trend indicates large excess rainfall pattern for 01-07 December along with below normal maximum and 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). The ratoon sugarcane with 18% brix value should be harvested and processed accordingly.

### **SMS Advisory:**

Dry weather is expected to prevail in the region so sowing of rabi crops and other farming activities should be taken up accordingly.

### Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Sugarcane	Harvesting/ Germination	The ratoon sugarcane should be harvested so that wheat sowing can be done and the autumn sugarcane should be irrigated as required. The other farming activities like weeding and hoeing should be regularly monitored.
Pigeonpea /Arhar (Red gram)	Harvesting/flowering / pod formation	In case of standing crops, the irrigation should be applied as per requirement while in case of late varieties, on occurrence of pod borer recommended practices should be taken up.
Chickpea/Lentil	Sowing/germination/flowering	In case of late sowing, the sowing operations should be completed till first fortnight of the month. The line to line distance in late sowing should be maintained at 15-20 cm while at the time of sowing, the seed biotreatment should be done with 200 g rhizobium and PSB per 10 kg seed. In the last month sown crop, the farming operations can be done accordingly.
Rapeseed(Lahi) /Rai/Mustard	Germination/ Vegetative/ flowering	The late sown crops should be monitored and light irrigation should be given before flowering. After irrigation, top dressing of nitrogen should be done.
Wheat	Sowing/germination	The late sowing of the crop should be done till 25 December and properly treated seeds and sowing methods should be followed. Irrigation should be applied as required in the already sown crop. Half of the remaining nitrogen should be applied after first irrigation.
Barley	Sowing/germination	The late sowing of the crop should be done till first fortnight of the month and properly treated seeds and sowing methods should be followed.
Fodder crops	Germination/ vegetative	The crops should be monitored and under dry conditions irrigation should be applied. After irrigation top dressing of urea should be done.

### Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
Vegetable Pea	Sowing/germination/flowering	In case of late sowing, the sowing operations should be completed till first fortnight of the month. The line to line distance in late sowing should be maintained at 15-20 cm while at the time of sowing, the seed biotreatment should be done with 200 g rhizobium and PSB per 10 kg seed. In the last month sown crop, the farming operations can be done accordingly.
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	To save the animal from cold, dry grasses, paddy residue (Puwal) etc which are not used as fodder for animals should be used as a bedding material for animals in sheds. Door and window should be covered properly so that cold wind could not be entered in the animal shed. Sitting

	place of animals should be leveled. It is advised that green fodder can be given to the animals by mixing it in dry fodder otherwise animal may be infected by Timpeti disease which causes death of animals.
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