



**Gramin Krishi Mausam Sewa**  
**Agromet Advisory Bulletin for UDAMSINGH-NAGAR**  
**District**  
**Govind Ballabh Pant University of Agriculture & Technology**  
 Udhm Singh Nagar, Pantnagar, Uttarakhand



## Agromet Advisory Bulletin

Date : 2024-12-10

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2024-12-10 (Valid Till 08:30 IST of the next 5 days)

Parameter	2024-12-11	2024-12-12	2024-12-13	2024-12-14	2024-12-15
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	23.0	24.0	24.0	25.0	25.0
Tmin(°C)	3.0	4.0	4.0	5.0	5.0
RH-I(%)	75	75	75	75	75
RH-II(%)	35	35	35	35	35
Wind Speed(kmph)	2	2	3	2	2
Wind Direction(Degree)	160	140	140	90	90
Cloud Cover(Octa)	1	1	2	1	1

### Weather Summary/Alert:

In the last seven days (3 to 9 December) 0.4 mm rainfall was recorded with maximum and minimum temperatures ranging between 22.2 to 26.2°C and 5.4 to 9.5°C. During the last week weather remained clear on most of the days with cold winds on few days. Morning relative humidity at 0712 hrs ranged between 72 to 97% and evening relative humidity at 1412 hrs ranged between 37 to 43%. Wind speed was 0.7 to 5.0 km per hour and wind direction was mostly west, west-north-west, west-south-west, south-east and east. The upcoming 5 days forecast shows no rainfall. The maximum and minimum temperatures would range 23.0-25.0 degrees Celsius and 3.0-5.0 degrees Celsius. Winds with a speed of 2-3 kmph would mostly blow from south-south-east, south-east and east direction. Dry weather likely to prevail from 10 to 15 December. A yellow warning has been given regarding the occurrence of cold wave at isolated places on 10 December.

### General Advisory:

For regular updates on weather conditions in the region, the farmers can get updates from the app "Meghdoot" and lightning update from the app "Damini" available on Google Play store (Android users) and App Centre (iOS users). The NDVI shows good agricultural vigour in the isolated regions of the state ranging 0.10-0.30. The extended range forecast shows large normal rainfall and normal maximum temperature with appreciably below minimum temperature trend during 6.12.2024 to 12.12.2024.

### SMS Advisory:

Dry and cold weather conditions are expected to prevail so suitable irrigation and other farming operations should be scheduled accordingly.

### Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
CHICK PEA	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.

Crop (Stage)	Crop Specific Advisory
LENTIL	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	Irrigation should be applied as per requirement and in case of pest/disease attack, recommended practices should be followed.
MUSTARD	Irrigation should be applied as per requirement and in case of pest/disease attack, recommended practices should be followed.
WHEAT	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	The timely sown crop should be irrigated at 20-25 days interval, after which top dressing of urea should be done.
BARSEEM	The fodder 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 (Stage)	Horticulture Specific Advisory
CAULIFLOWER	Light irrigation should be given in the cauliflower. Harvest the mature flower head. 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.
VEGETABLE PEA	Sowing can be done @80-120 kg/ha with the line to line distance of 30-45 cm and plant to plant distance of 5-10 cm. Irrigation should be applied just after sowing and monitoring should be done of the growing crop.
RADISH	Sowing of root crops can be done like radish/carrot/beetroot and irrigation should be applied just after sowing.
TOMATO	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. Mature tomato fruits should be harvested.

#### Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	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.
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.
GOAT	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.
SHEEP	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.