



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



## Agromet Advisory Bulletin

Date : 2024-12-06

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2024-12-06 (Valid Till 08:30 IST of the next 5 days)

Parameter	2024-12-07	2024-12-08	2024-12-09	2024-12-10	2024-12-11
Rainfall(mm)	0.0	0.0	1.0	1.0	0.0
Tmax(°C)	23.0	23.0	23.0	22.0	22.0
Tmin(°C)	5.0	5.0	6.0	6.0	5.0
RH-I(%)	90	90	85	85	85
RH-II(%)	70	72	70	72	70
Wind Speed(kmph)	3	5	8	9	5
Wind Direction(Degree)	320	330	120	130	320
Cloud Cover(Octa)	0	0	5	4	0

### Weather Summary/Alert:

In the last seven days (29 November to 5 December) 0.0 mm rainfall was recorded with maximum and minimum temperatures ranging between 25.2 to 27.0°C and 6.3 to 9.5°C. During the last week weather remained clear. Morning relative humidity at 0712 hrs ranged between 88 to 97% and evening relative humidity at 1412 hrs ranged between 31 to 43%. Wind speed was 0.7 to 1.8 km per hour and wind direction was mostly west, north-west and west-north-west. The upcoming 5 days forecast shows light drizzle of 1.0 mm on 8 and 9 December. The maximum and minimum temperatures would range 22.0-23.0 degrees Celsius and 5.0-6.0 degrees Celsius. Winds with a speed of 3-9 kmph would mostly blow from north-west, north-west-north, south-east-east and south-east direction. Very light to light rainfall likely to occur at isolated places on 8 & 9 December while dry weather is likely to prevail during rest of the days. A yellow warning has been given regarding the occurrence of thunderstorm and lightning at isolated places.

### 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:

Light drizzle has been predicted and yellow warning has been given for 8 December so the farming activities should be scheduled accordingly.

### Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
SUGARCANE	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

Crop (Stage)	Crop Specific Advisory
	activities like weeding and hoeing should be regularly monitored.
PIGEON PEA (RED GRAM/ARHAR)	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.
CHICK PEA	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.
LENTIL	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	The late sown crops should be monitored and light irrigation should be given before flowering. After irrigation, top dressing of nitrogen should be done.
MUSTARD	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	The late sowing of the crop should be done till second fortnight of 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	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

#### 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.
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. Harvest mature fruits.
RADISH	The European variety can be sown @6-8 kg/ha and Asian variety @10-12 kg/ha while the line to line sowing distance should be 20-25 cm and plant to plant distance should be 8-10 cm.
CAPSICUM	Nursery sowing can be done and the seedlings can be transplanted after 4-8 weeks.
CARROT	The European variety can be sown @5-6 kg/ha with the line to line sowing distance of 20-40 cm and plant to plant distance should be 5-7 cm.
BEETROOT	The European variety can be sown @7-10 kg/ha with the line to line sowing distance of 30-45 cm and plant to plant distance should be 10-15 cm.
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. Monitoring should be done of the growing crop.

#### Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	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.

Live Stock	Live Stock Specific Advisory
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.