



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



## Agromet Advisory Bulletin

Date : 09-04-2024

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2024-04-09(Valid Till 08:30 IST of the next 5 days)

Parameter	2024-04-10	2024-04-11	2024-04-12	2024-04-13	2024-04-14
Rainfall(mm)	0.0	0.0	0.0	0.0	4.0
Tmax(°C)	35.0	35.0	35.0	36.0	36.0
Tmin(°C)	14.0	14.0	14.0	15.0	16.0
RH-I(%)	65	65	65	65	70
RH-II(%)	30	30	30	30	30
Wind Speed(kmph)	11	10	10	12	14
Wind Direction(Degree)	270	270	270	230	230
Cloud Cover(Octa)	4	1	1	3	8

### Weather Summary/Alert:

During last week (2 to 8 April) no rainfall was recorded and the maximum-minimum temperature ranged between 32.6 to 36.5oC and 11.5 to 15.4oC, respectively. The morning and evening relative humidity ranged between 62-84% and 15-20%, respectively. The wind blew from west-north-west and west at a speed ranging 1.2-8.6 kmph. The weather was clear on most of the days last week. The upcoming week is expected to receive very light rainfall of 4 mm with maximum-minimum temperature ranging 35.0-36.0oC and 14.0-16.0oC, respectively. The wind is expected to blow from west and south-west direction at a speed of 10-14 kmph. Very light to light rainfall is likely to occur at a few places in U.S.Nagar on 13th April. Dry weather is likely to prevail during rest of the period. A yellow warning alert regarding thunderstorm with lightening/Hailstorm and gusty wind(40-50 kmph) is likely to occur at isolated places on 13th April, 2024. The weather is expected to remain cloudy on some days during the upcoming week. All the farming activities should be arranged accordingly.

### General Advisory:

A regular update regarding weather forecast and agrometeorological advisory is available on the "Meghdoot App" while "Damini App" is also available to get lightning information. Meghdoot and Damini apps can be downloaded from Google Play Store (Android users) and App Center (iOS users). The NDVI composite shows moderate agricultural vigour in the region. The extended range forecast system shows that the predicted trend from 5 April-11 April would observe deficient rainfall, normal maximum and below normal minimum temperature trend. Ploughing of orchard should not be done at the time of flowering and irrigation should be applied to the orchard. In the crops sown for wheat seeds and other seeds, at crop ripening, last rouging and destroying of undesirable plants and weeds should be done and the field should be cleaned completely. The farming operations should be scheduled accordingly.

### SMS Advisory:

As per the India Meteorological Department light rainfall along with occurrence of thunderstorm/hailstorm is likely to occur so farming operation should be scheduled accordingly.

### Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
CHICK PEA (Harvesting)	The harvested produce should be stored properly and as per forecast the produce kept for drying should be protected.
LENTIL (Harvesting)	The harvested produce should be stored properly and as per forecast the produce kept for drying should be protected.
FIELD PEA (Harvesting)	The harvested produce should be stored properly and as per forecast the produce kept for drying should be protected.
BLACK GRAM (Sowing)	The sowing should be scheduled as per the forecasted weather conditions.
GREEN GRAM (Sowing)	The sowing should be scheduled as per the forecasted weather conditions.
MUSTARD (Harvesting)	The harvested and dried pods should be stored properly to avoid spoilage under predicted weather conditions.

Crop (Stage)	Crop Specific Advisory
WHEAT (Harvesting)	The harvested and dried crop should be stored properly to avoid spoilage under predicted weather conditions.
SUGARCANE (Vegetative )	The irrigation application and top dressing of urea should be scheduled as per the available forecast.

**Horticulture Specific Advisory:**

Horticulture (Stage)	Horticulture Specific Advisory
MANGO	All the farming activities including chemical spray should be scheduled as per the forecast.
PAPAYA	All the farming activities should be scheduled as per the forecast and papaya seedlings should be protected well.
TOMATO (Transplanting)	The farming activities should be scheduled as per the forecast and transplanted seedlings should be protected well.
BRINJAL (Transplanting)	The transplanting should be scheduled as per the forecast and fresh saplings should be protected well.

**Live Stock Specific Advisory:**

Live Stock	Live Stock Specific Advisory
COW	Due attention should be given to arrangements for provision of water to animals. The drinking troughs should be kept clean and animals should be provided water at least four times during the day.
BUFFALO	Due attention should be given to arrangements for provision of water to animals. The drinking troughs should be kept clean and animals should be provided water at least four times during the day.

**Poultry Specific Advisory:**

Poultry	Poultry Specific Advisory
HEN	For obtaining the high production from poultry birds, temperature of their dwelling places should be maintained. Balanced diet, fresh and neat water should be given to them.