



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



## Agromet Advisory Bulletin

**Date: 16.04.2024**

**Weather Forecast of District UDHAMSINGH-NAGAR (Uttarakhand) Issued On: 2024-04-16 (Valid Till 08:30 IST of the next 5 days)**

Parameter	17/04/2024	18/04/2024	19/04/2024	20/04/2024	21/04/2024
<b>Rainfall(mm)</b>	1.0	0.0	0.0	1.0	0.0
<b>Max Temp(°C)</b>	36.0	35.0	36.0	36.0	35.0
<b>Min Temp(°C)</b>	18.0	18.0	18.0	17.0	17.0
<b>Max RH I (%)</b>	65	65	65	65	65
<b>Min RH II (%)</b>	30	30	30	30	30
<b>Wind speed (km/h)</b>	12	16	18	12	12
<b>Wind direction</b>	300	300	315	300	290
<b>Cloud cover</b>	4	4	5	4	1

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

During last week (9 to 15 April) no rainfall was recorded and the maximum-minimum temperature ranged between 31.8 to 37.0°C and 13.1 to 19.4°C, respectively. The morning and evening relative humidity ranged between 43-78% and 14-42%, respectively. The wind blew from south-west, west, west-north-west, south-south-west, south and north-north-west at a speed ranging 0.7-3.8 kmph. The weather was windy with few partially cloudy days during last week. The upcoming week is expected to receive very light rainfall of 1 mm with maximum-minimum temperature ranging 35.0-36.0°C and 17.0-18.0°C, respectively. The wind is expected to blow from north-west-north, north-west and north-west-west direction at a speed of 12-18 kmph. Very light rainfall is likely to occur at a few places on 16 and 19th April while dry weather may prevail during the remaining days. A yellow warning regarding occurrence of thunderstorm with lightning/hailstorm and gusty wind (30-40 kmph) is expected to occur at isolated places on 19th April, 2024.

### **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 good agricultural vigour in the region. The extended range forecast system shows that the predicted trend from 12 April-18 April would observe large excess rainfall and below normal maximum and normal minimum temperature trend. Irrigation application and other farming operations should be scheduled as per the forecast and harvested produce should be stored well if left open in field.

### **SMS Advisory:**

As per the forecast available from the India Meteorological Department, the farming operations should be scheduled accordingly and produce should not be left open in field.

### Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Chickpea/Lentil/ Field pea/ Mustard	Harvesting	Harvest the mature pods and save the harvest from adverse weather conditions if kept in open. Schedule the farming activities accordingly.
Urd/moong (Black gram/Green gram	Sowing	The sowing can be taken up and scheduled as per the available forecast. The crop can also be intercropped with sugarcane.
Wheat	Harvesting	The mature grains should be harvested and avoid irrigation application as it can cause lodging in the crops.
Sugarcane	Vegetative	As per recommendation top dressing of urea can be done after irrigation but the farming activities should be scheduled keeping the forecast in mind.
Fodder sorghum	Sowing	Fodder sorghum can be sown during the second fortnight of this month and the sowing operations should be scheduled as per the forecasted conditions.

### Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
Mango	-	The blossom affected by gumma disease should be plucked and removed. Irrigation should be started when the fruit of mango gain the size like pea. Basin should be prepared and 2-3 irrigation should be given at an interval of 10-15 days. All the farming activities should be scheduled as per the forecast.
Colocasia/taro	Sowing	Sowing of early varieties can be done this month but the sowing operation should be scheduled as per the forecast.
Pumpkin	Vegetative/fruiting	On the occurrence of leaf spot disease in cucurbitaceous (pumpkin class vegetables) crop, solution of mancozeb @ 2.5 g/lit of water should be sprayed.

### Live Stock Specific Advisory

Livestock	Live Stock Specific Advisory
Cow/Buffalo	If symptoms of mastitis are seen in dairy cattle, treat it immediately. 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. To avoid heat waves provide proper ventilation.