



**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 : 20-08-2024

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2024-08-20(Valid Till 08:30 IST of the next 5 days)

Parameter	2024-08-21	2024-08-22	2024-08-23	2024-08-24	2024-08-25
Rainfall(mm)	35.0	35.0	45.0	45.0	45.0
Tmax(°C)	33.0	32.0	32.0	33.0	33.0
Tmin(°C)	25.0	25.0	25.0	25.0	25.0
RH-I(%)	90	90	90	90	90
RH-II(%)	70	70	70	70	70
Wind Speed(kmph)	7	8	7	7	8
Wind Direction(Degree)	320	320	320	360	360
Cloud Cover(Octa)	8	8	8	8	8

### Weather Summary/Alert:

Last week (13 to 19 August), the region experienced 46.8 mm rainfall with the maximum-minimum temperature ranging 29.5 to 34.5oC and 24.9 to 27.4oC, respectively. The morning and evening relative humidity varied between 86-95% and 67-86%, respectively while the wind blew from north, east, west-north-west, south, south-east and east-south-east at a speed ranging 2.4-8.3 kmph. Most days were cloudy last week. The upcoming forecast shows moderate rainfall of 35-45 mm from 20-24 August and maximum-minimum temperature are expected to vary as 32.0-33.0oC and 25.0oC, respectively. The wind is expected to blow from north and north-west direction at a speed of 7-8 kmph. Light to moderate rain is likely to occur at most places between 20-24 August,2024. A yellow warning regarding the occurrence of heavy rain/thunderstorm accompanied with lightning / intense to very intense rain spell is has been given for isolated places on 20-24 August,2024.

### 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 0.20-0.40. The extended range forecast shows below normal rainfall, below normal maximum and above normal minimum temperature trend during 16.08.2024 to 23.08.2024.

### SMS Advisory:

As per the IMD forecast, moderate rainfall has been predicted so proper drainage should be maintained in the field and farming activities should be scheduled accordingly.

### Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Vegetative )	In some areas, infestation of bacterial leaf blight are found in the paddy crop. If tip of the leaves turn white or both sides of leaf turned white then in these fields spraying of 500g Copper oxychloride and 15g streptocyclin in 500 liter

Crop (Stage)	Crop Specific Advisory
	water should be done. These chemicals should be sprayed again at 7-10 days interval. Spraying of chemical should be done in clear weather
SUGARCANE (Vegetative )	On the occurrence of white fly, spray thiamethoxam 25 WDG (Actara) @ 125g/hectare. Spraying of chemical should be done in clear weather.
MAIZE (Vegetative )	Weeding and hoeing in maize crop should be done twice at an interval of 20 and 35 days of sowing by keeping in view the weather forecast.
CITRUS (Fruit formation)	To control the Citrus canker disease, spraying of 180g Copper-Oxichloride and 6g Straptocycline in 60 liter of water should be done in the trees. Spraying of chemical should be done in clear weather.

#### Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
MANGO	Grafting in Mango, Guava and Litchi keep continue.
CABBAGE (Transplanting)	Mid variety of Cabbage can be sown in this month and weeding and hoeing should be done in the early variety of Cabbage.
PUMPKIN	On the occurrence of yellow-brown spot in the leaves of cucurbitaceous crops, solution of mancozeb @ 2.5 g/ lit of water should be sprayed by keeping in view the weather forecast.

#### Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	To save the animal from Gal-Ghotu disease, tie them in neat and clean places. When symptoms of Gal-Ghotu disease appeared in the animals, then inject Suphonamides like Sulphamethazine or Sulphadimidne 150Mg/Kg in the veins of animal for three days with the advice of Veterinarian
COW	To save the animal from Gal-Ghotu disease, tie them in neat and clean places. When symptoms of Gal-Ghotu disease appeared in the animals, then inject Suphonamides like Sulphamethazine or Sulphadimidne 150Mg/Kg in the veins of animal for three days with the advice of Veterinarian