



**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 : 02-09-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-09-02(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-09-03	2022-09-04	2022-09-05	2022-09-06	2022-09-07
Rainfall(mm)	5.0	10.0	20.0	12.0	8.0
Tmax(°C)	32.0	32.0	33.0	33.0	34.0
Tmin(°C)	24.0	25.0	24.0	24.0	24.0
RH-I(%)	95	90	95	95	90
RH-II(%)	65	70	70	70	65
Wind Speed(kmph)	8.0	10.0	10.0	8.0	8.0
Wind Direction(Degree)	140	130	130	130	100
Cloud Cover(Octa)	6	4	3	4	3

### Weather Summary/Alert:

In the last seven days (26 Aug – 1 Sept, 2022), there was 46.5 mm rain and the sky was Cloudy to dense cloudy. The maximum & minimum temperatures ranged between 31.5 to 35.0°C and 23.9 to 26.9°C respectively. Relative humidity ranges from 88 to 98 % at 0712 hrs and 65 to 82 % at 1412 hrs. The wind was mainly from the ESE, WSW & WNW with a speed of 0.3 to 4.2 km/hour. In the coming five days, light to moderate rain may likely occur. Maximum & minimum temperature may range from 32.0 to 34.0 deg C & 24.0 to 25.0 deg C respectively. Wind will blow with a speed of 8.0-10.0 km/hr from the ESE & SE direction. Warning: Thunderstorm accompanied with lightning, hail and intense shower may likely occur from 3 to 5 September at isolated places. As per ERF, the rainfall, maximum & minimum temperature will be normal in the state from 7 to 13 September.

### General Advisory:

NDVI & SPI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.3-0.5 for Udham Singh Nagar i.e. agriculture vigor is moderate to good in the district. SPI map indicates the mildly wet conditions in the district for the past 4 weeks (28 July to 24 August). Farmers are advised to download the "Meghdoot App" to get past week weather, weather forecast, and agromet advisory and "Damini App" to get lightning information. Meghdoot and Damini Apps can be downloaded from the google play store (Android users) and App Center (IOS users). Establishment of new orchard should be done. Maintain proper drainage system in the field and spraying of chemical should not done by keeping in view the weather forecast.

### SMS Advisory:

In the coming five days, light to moderate rain may likely occur.

**Crop Specific Advisory:**

Crop(Varieties)	Crop Specific Advisory
RICE	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 oxichloride and 15g streptomycin in 1000 liter water should be done. These chemicals should be sprayed again at 7-10 days interval. Spraying of chemical should be done in clear weather.
RICE	On the occurrence of stem borer above ETL, chlorantraniliprole 20 SC @150ml/ha or flubendiamide 480 SC @ 75ml/ha or Fipronil 5 SC @ 1.0 lit or 600 g Cartap hydrochloride 50 WP or 2,5 lit of Chlorpyrifos 20 EC in 500-600 lit of water /ha should be sprayed
SUGARCANE	On the occurrence of white fly in sugarcane crop, thiamethoxam 25 WG @ 125 g/ha should be sprayed and to save to crop from damage due to white grub, Fipronil 40 %+ Imidacloprid 40% WG @ 500g/ha should be sprayed keeping in view the weather forecast.
RADISH	In the plains, European varieties of radish can be sown this month.

**Horticulture Specific Advisory:**

Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	If the upper stipe of chilly crop is drying after turning black, then infected branches should be removed by plucking to save the crop and to save the crop from rotting solution of 0.1% Caerbendazim should be sprayed.
TOMATO	On the occurrence of spot on the leaves of tomato and scorching of leaves, solution of mancozeb @ 2.5 g/lit of water should be sprayed.
PAPAYA	Proper drainage of water should be done in the Papaya orchard. On the occurrence of collar rot disease in papaya, application of Metalaxyl + Mancozeb (Ridomil Gold) @ 2g/lit water has been found very effective. Spray may be repeated 10 days after first spray.
GUAVA	If the leaves of Guava tree are drying then immediately drench the tree basin with a solution of bavistine @ 3g/liters.

**Live Stock Specific Advisory:**

Live Stock(Varieties)	Live Stock Specific Advisory
COW	The milk of female calves should be weaned from the mother only after six months, so that their physical development can take place in a good way.
BUFFALO	To prevent disease like foot rot of animals, dip the hooves/feet of animals in the solution of 10% formalin or 5% copper sulphate (neela thotha) solution for 2-3 minutes in the morning and evening. Do this process for 3 days.