



**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 : 03-09-2021

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-09-03(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-09-04	2021-09-05	2021-09-06	2021-09-07	2021-09-08
Rainfall	5.0	8.0	20.0	20.0	15.0
Tmax(°C)	34.0	34.0	32.0	32.0	31.0
Tmin(°C)	25.0	25.0	26.0	25.0	25.0
RH-I(%)	80	80	85	85	80
RH-II(%)	65	60	65	65	60
Wind Speed(kmph)	8.0	8.0	8.0	8.0	12.0
Wind Direction(Degree)	120	120	130	130	130
Cloud Cover(Octa)	5	5	6	6	6

### Weather Summary/Alert:

In the last seven days (27 August – 2 September, 2021), there was 114.6 mm rain and the sky was cloudy to dense cloudy. The maximum & minimum temperatures ranged between 30.0 to 33.5°C and 23.8 to 25.4°C respectively. Relative humidity ranges from 84 to 96 % at 0712 hrs and 61 to 89 % at 1412 hrs. The winds run mainly from the ENE & ESE with a speed of 1.9 to 6.8 km/hour. Light rain on 3, 4 & 7 September and moderate rain on 5 & 6 September may likely occur. Maximum & minimum temperature may range from 31.0 to 34.0 deg C & 25.0 to 26.0 deg C respectively. Wind will blow with a speed of 8.0-12.0 km/hr from the ESE direction. As per ERFS products rainfall will be above normal, maximum temperature will be below normal and minimum temperature will be normal from 8 - 14 September in the state. Warning: Thunderstorm accompanied with lightning likely to occur at isolated places from 5 to 7 September.

### General Advisory:

Farmers are advised to download the "DAMINI App" to get the lightning activity and "Meghdoot App" to get past week weather, weather forecast, and agromet advisory. DAMINI and Meghdoot App can be downloaded from the google play store (Android users) and App Center (IOS users). NDVI & SPI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.25-0.45 for U S 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.

### SMS Advisory:

Light rain on 3, 4 & 7 September and moderate rain on 5 & 6 September may likely occur. Warning: Thunderstorm accompanied with lightning likely to occur at isolated places from 5 to 7 September.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
-----------------	------------------------

<b>Crop(Varieties)</b>	<b>Crop Specific Advisory</b>
RICE	At the initial stage of earhead formation in the crop, top dressing of the recommended amount of nitrogen and proper arrangements for irrigation and drainage as per the weather forecast should be done.
GREEN GRAM	In the crop sown last month, weeding should be done in due time and according to the weather forecast, light irrigation should be done as per the requirement.
MAIZE	Irrigation is required at the stage of grain filling in maize and there is a possibility of rain in the coming days, which is favorable for this stage of the crop. So, irrigation should be postpone based on the weather forecast.
GREEN GRAM	In the crop sown last month, weeding and hoeing should be done in due time and irrigation should be given by keeping in view the weather forecast.
RADISH	In the plains, European varieties of radish can be sown this month.

#### **Horticulture Specific Advisory:**

<b>Horticulture(Varieties)</b>	<b>Horticulture Specific Advisory</b>
GUAVA	If the leaves of Guava tree are drying then immediately drench the tree basin with a solution of bavistine @ 3g/liters.
PAPAYA	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.

#### **Live Stock Specific Advisory:**

<b>Live Stock(Varieties)</b>	<b>Live Stock Specific Advisory</b>
GOAT	In sheep and goats, vaccine of PPR/ goat plague must be given to the lamb at the age of 8-12 weeks.
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.