



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 : 14-09-2021

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-09-14(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-09-15	2021-09-16	2021-09-17	2021-09-18	2021-09-19
Rainfall	8.0	5.0	7.0	2.0	4.0
Tmax(°C)	34.0	31.0	33.0	34.0	35.0
Tmin(°C)	20.0	20.0	21.0	21.0	22.0
RH-I(%)	90	80	80	80	80
RH-II(%)	40	60	50	45	50
Wind Speed(kmph)	10.0	12.0	10.0	10.0	12.0
Wind Direction(Degree)	150	130	90	50	50
Cloud Cover(Octa)	6	7	8	6	4

Weather Summary/Alert:

In the last seven days (7 – 13 September, 2021), there was 18.2 mm rain and the sky was cloudy to dense cloudy. The maximum & minimum temperatures ranged between 32.0 to 35.0°C and 23.4 to 27.1°C respectively. Relative humidity ranges from 64 to 97 % at 0712 hrs and 54 to 70 % at 1412 hrs. The winds run mainly from the ENE & ESE with a speed of 2.4 to 8.4 km/hour. There is a possibility of very light to light rain at some places in the next five days. Maximum & minimum temperature may range from 31.0 to 35.0 deg C & 20.0 to 22.0 deg C respectively. Wind will blow with a speed of 10.0-12.0 km/hr from the NE & SSE direction. As per ERFs products rainfall & minimum temperature will be above normal and maximum temperature will be normal from 19 - 25 September in the state.

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 0.35-0.50 for U S Nagar i.e. agriculture vigor is moderate to good in the district. SPI map indicates the mildly dry conditions in the district for the past 4 weeks. Farmers should spray chemicals keeping in mind the weather forecast.

SMS Advisory:

There is a possibility of very light to light rain at some places in the next five days.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	In the case of brown planthopper in the paddy and if the number is very high, spray clothianidin 50 WDG @ 30g/ha on the stem. On the occurrence of false smut, spray copper hydroxide 77WP (kocide) @ 2kg/ha. If it is few in number then remove the affected panicle. Spraying should be done by keeping in view the weather forecast.
SUGARCANE	To control the mealybug in sugarcane, spray monocrotophos @ 2ml/litre water. Spraying should be done by keeping in view the weather forecast. Sowing of winter season sugarcane crop should be done in the second fortnight of this month.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CAULIFLOWER	Farmer can sow late varieties of cauliflower.
BEETROOT	In plains and Tarai areas, sowing of beetroot can be done this month.
BRINJAL	Weeding and hoeing should be done in the Brinjal crop, sown in the previous month. 1/4th part of Nitrogen should be applied as a top dressing in the field and the remaining 1/4th part should be given at an interval of 60-65 days as a top dressing in the standing crop.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	Prepare silage from the abundantly available green fodder. Also, green fodder can be mixed with dry grasses and fed to the animals.