



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 : 05-08-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-08-05(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-08-06	2022-08-07	2022-08-08	2022-08-09	2022-08-10
Rainfall(mm)	15.0	20.0	10.0	2.0	2.0
Tmax(°C)	31.0	32.0	33.0	34.0	34.0
Tmin(°C)	25.0	25.0	25.0	26.0	27.0
RH-I(%)	95	95	95	90	90
RH-II(%)	70	70	70	65	65
Wind Speed(kmph)	10.0	8.0	8.0	6.0	10.0
Wind Direction(Degree)	110	70	100	50	70
Cloud Cover(Octa)	4	7	8	8	7

Weather Summary/Alert:

In the last seven days (29 July – 04 Aug, 2022), there was 54.6 mm rain and the sky was Cloudy to dense cloudy. The maximum & minimum temperatures ranged between 30.0 to 32.5°C and 25.3 to 25.8°C respectively. Relative humidity ranges from 89 to 95 % at 0712 hrs and 53 to 80 % at 1412 hrs. The wind was mainly from the ENE & ESE with a speed of 0.7 to 3.6 km/hour. In the coming five days, light to moderate rain on 5 to 7 August and very light rain on 8 & 9 August may occur. Maximum & minimum temperature may range from 31.0 to 34.0 deg C & 25.0 to 27.0 deg C respectively. Wind will blow with a speed of 6.0-11.0 km/hr from the ESE, ENE & NE direction. Warning: Heavy rainfall likely to occur at isolated places on 6 August. As per ERF, the rainfall, maximum and minimum temperature will be normal in the state from 10 to 16 August.

General Advisory:

NDVI & SPI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.2-0.4 for Udham Singh Nagar i.e. agriculture vigor is moderate in the district. SPI map indicates the mildly dry conditions in the district for the past 4 weeks (7 July to 3 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). Rain water should not be given to the animals. Establishment of new orchard should be done and necessary arrangement should be done for proper drainage of rain water.

SMS Advisory:

Light to moderate rain on 5 to 7 August and very light rain. Warning: Heavy rainfall likely to occur at

isolated places on 6 August. Proper drainage should be maintained in the field.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Weeding should be done at 20 and 40 days of transplanting of paddy
MAIZE	Weeding and hoeing in maize crop should be done twice at an interval of 20 and 35 days of sowing.
FODDER SORGHUM	Sowing of kharif fodder crops like: Jawar, lobia, maize, bajara, gawar etc should be completed till 15th August
SUGARCANE	Tie up of 5-6 sugarcane of each line should be done with the help of dry leaves up to 1.5-2.0 ft height from the ground.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
MANGO	In the first fortnight of August, sowing of mango seeds/kernels should be continued. Before grafting the one year old seed plants of mango, transplant it in other place then continue the grafting.
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.
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. Spraying of chemical should be done in clear weather.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	Small ruminant animals like sheep, goats and newborn calves should be protected from getting wet during rainy days so that they do not get cold/cough/pneumonia.
BUFFALO	After animal's delivery, Gynotone or Utrotone medicine @ 200ml should be given in morning and evening hours for three days to clean the womb.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
HEN	For getting the maximum profit in the production of poultry, timely vaccination of the poultry birds should be done.