



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 : 26-08-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-08-26(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-08-27	2022-08-28	2022-08-29	2022-08-30	2022-08-31
Rainfall(mm)	1.0	5.0	15.0	15.0	8.0
Tmax(°C)	35.0	36.0	34.0	34.0	34.0
Tmin(°C)	26.0	26.0	24.0	25.0	26.0
RH-I(%)	80	80	95	80	80
RH-II(%)	45	45	50	60	50
Wind Speed(kmph)	6.0	5.0	10.0	6.0	6.0
Wind Direction(Degree)	230	230	100	70	70
Cloud Cover(Octa)	2	6	7	7	7

Weather Summary/Alert:

In the last seven days (19 – 25 Aug, 2022), there was 57.8 mm rain and the sky was Cloudy to dense cloudy. The maximum & minimum temperatures ranged between 33.0 to 35.0°C and 23.4 to 27.7°C respectively. Relative humidity ranges from 77 to 97 % at 0712 hrs and 62 to 77 % at 1412 hrs. The wind was mainly from the ENE, ESE, WSW & WNW with a speed of 0.4 to 7.0 km/hour. In the coming five days, light rain may likely occur. Maximum & minimum temperature may range from 34.0 to 36.0 deg C & 24.0 to 26.0 deg C respectively. Wind will blow with a speed of 5.0-10.0 km/hr from the SW, ESE & ENE direction. Warning: Thunderstorm accompanied with lightning and intense shower likely to occur at isolated places from 26-30 August. As per ERF, the rainfall will be below normal and maximum & minimum temperature will be normal in the state from 31 August to 9 September.

General Advisory:

NDVI & SPI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.1-0.45 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 (14 July to 10 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 rain may likely occur. Warning: Thunderstorm accompanied with lightning and

intense shower likely to occur at

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. 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
MAIZE	To control the leaf blight disease in maize crop, mancozeb @ 2.5g/lit of water should be sprayed keeping in view the weather forecast.
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.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
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.
SPINACH	Field should be prepared for early variety of Spinach (Palak) and sowing should be done in this month. Spinach should be sown at 25-30 cm distance in the lines and seed rate should be @25-30kg seeds/Ha.
MANGO	In this month, there is a chance of the occurrence of tent caterpillars in mango. So tent should be removed with the help of tent removable device and effected part should be removed and burnt together with insects

Live Stock Specific Advisory:

Live Stock(Varieties)	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 Sulphonamides like Sulphamethazine or Sulphadimidne 150Mg/Kg in the veins of animal for three days with the advice of Veterinarian. After animal's delivery, Gynotone or Utrotone medicine @ 200ml should be given in morning and evening hours for three days to clean the womb.