



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 : 16-08-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-08-16(Valid Till 08:30 IST of the next 5 days)

| Parameter | 2022-08-17 | 2022-08-18 | 2022-08-19 | 2022-08-20 | 2022-08-21 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 2.0 | 2.0 | 10.0 | 10.0 | 10.0 |
| Tmax(°C) | 32.0 | 33.0 | 32.0 | 32.0 | 33.0 |
| Tmin(°C) | 20.0 | 20.0 | 21.0 | 21.0 | 19.0 |
| RH-I(%) | 87 | 81 | 84 | 81 | 90 |
| RH-II(%) | 47 | 54 | 48 | 50 | 56 |
| Wind Speed(kmph) | 20.8 | 6.9 | 12.0 | 10.7 | 6.1 |
| Wind Direction(Degree) | 111 | 342 | 283 | 292 | 288 |
| Cloud Cover(Octa) | 4 | 3 | 7 | 8 | 8 |

Weather Summary/Alert:

In the last seven days (09 – 15 Aug, 2022), there was 8.2 mm rain and the sky was Cloudy to dense cloudy. The maximum & minimum temperatures ranged between 32.0 to 35.0°C and 25.1 to 27.9°C respectively. Relative humidity ranges from 71 to 90 % at 0712 hrs and 54 to 87 % at 1412 hrs. The wind was mainly from the ENE & ESE with a speed of 0.1 to 3.1 km/hour. In the coming five days, very light to light rain may likely occur. Maximum & minimum temperature may range from 32.0 to 33.0 deg C & 19.0 to 21.0 deg C respectively. Wind will blow with a speed of 6.0-12.0 km/hr from the ESE, WNW & NNW direction. As per ERF, the rainfall, maximum and minimum temperature will be normal in the state from 21 to 27 August.

General Advisory:

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.

SMS Advisory:

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

Crop Specific Advisory:

Crop(Varieties)

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 streptocyclin in 500 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. |
| SUGARCANE | On the occurrence of white fly, spray thiamethoxam 25 WDG (Actara) @ 125g/hectare. Spraying of chemical should be done in clear weather. |
| MAIZE | Weeding and hoeing in maize crop should be done twice at an interval of 20 and 35 days of sowing. |
| CITRUS | To control the Citrus canker disease, spraying of 180g Copper-Oxichloride and 6g Straptocycline in 60 liter of water should be done in the trees. Spraying of chemical should be done in clear weather. |

Horticulture Specific Advisory:

| Horticulture(Varieties) | Horticulture Specific Advisory |
|-------------------------|---|
| GUAVA | Grafting in Mango, Guava and Leechi keep continue. |
| CABBAGE | Mid variety of Cabbage can be sown in this month and weeding and hoeing should be done in the early variety of Cabbage. |
| 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. |

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 Suphonamides like Sulphamethazine or Sulphadimidne 150Mg/Kg in the veins of animal for three days with the advice of Veterinarian. |