



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 : 06-09-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-09-06(Valid Till 08:30 IST of the next 5 days)

| Parameter | 2022-09-07 | 2022-09-08 | 2022-09-09 | 2022-09-10 | 2022-09-11 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 0.0 | 0.0 | 5.0 | 3.0 | 3.0 |
| Tmax(°C) | 36.0 | 36.0 | 34.0 | 35.0 | 34.0 |
| Tmin(°C) | 25.0 | 26.0 | 25.0 | 25.0 | 25.0 |
| RH-I(%) | 70 | 70 | 85 | 85 | 85 |
| RH-II(%) | 40 | 40 | 45 | 50 | 50 |
| Wind Speed(kmph) | 8.0 | 8.0 | 10.0 | 12.0 | 12.0 |
| Wind Direction(Degree) | 230 | 100 | 130 | 130 | 140 |
| Cloud Cover(Octa) | 0 | 0 | 3 | 2 | 2 |

Weather Summary/Alert:

In the last seven days (30 Aug – 5 Sept, 2022), there was 28.0 mm rain and the sky was Cloudy to dense cloudy. The maximum & minimum temperatures ranged between 30.5 to 34.5°C and 22.8 to 26.4°C respectively. Relative humidity ranges from 89 to 95 % at 0712 hrs and 63 to 82 % at 1412 hrs. The wind was mainly from the ESE & WNW with a speed of 0.2 to 3.3 km/hour. In the coming five days, light rain may likely occur from 8 to 10 September and weather will remain clear on remaining days. Maximum & minimum temperature may range from 34.0 to 36.0 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 SW, ESE & SE direction. As per ERF, rainfall will be above normal and maximum & minimum temperature will be normal in the state from 11 to 17 September.

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). Farmers are advised to harvest mature vegetable crops and maintain proper drainage system in the field.

SMS Advisory:

In the coming five days, light rain may likely occur from 8 to 10 September and weather will remain clear on remaining days.

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. In present weather condition, constant monitoring for brown plant hopper (BPH)& root knot nematode in paddy field is advised. Farmers are advised to enter into the middle of the crop field and see mosquito like insect at the basal portion of the plant. Install light trap, pheromone trap, yellow card etc. Strengthen the bunds and maintain proper water condition in the field. |
| 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.v |
| RADISH | In the plains, European varieties of radish can be sown this month. |

Horticulture Specific Advisory:

| Horticulture(Varieties) | Horticulture Specific Advisory |
|-------------------------|---|
| CHILLI | 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. |
| PAPAYA | Proper drainage of water should be done in the Papaya orchard. 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. |
| GUAVA | If the leaves of Guava tree are drying then immediately drench the tree basin with a solution of bavistine @ 3g/liters. |

Live Stock Specific Advisory:

| Live Stock(Varieties) | Live Stock Specific Advisory |
|-----------------------|---|
| 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. |
| BUFFALO | To prevent disease like foot rot of animals, dip the hooves/feet of animals in the solution of 10% formalin or 5% copper sulphate (neela thotha) solution for 2-3 minutes in the morning and evening. Do this process for 3 days. |