



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
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 Udham Singh Nagar, Pantnagar, Uttarakhand



Agromet Advisory Bulletin

Date : 29-10-2021

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-10-29(Valid Till 08:30 IST of the next 5 days)

| Parameter | 2021-10-30 | 2021-10-31 | 2021-11-01 | 2021-11-02 | 2021-11-03 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Tmax(°C) | 29.0 | 28.0 | 28.0 | 29.0 | 29.0 |
| Tmin(°C) | 14.0 | 14.0 | 14.0 | 15.0 | 15.0 |
| RH-I(%) | 85 | 85 | 80 | 75 | 70 |
| RH-II(%) | 50 | 55 | 50 | 45 | 40 |
| Wind Speed(kmph) | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 |
| Wind Direction(Degree) | 320 | 310 | 310 | 110 | 100 |
| Cloud Cover(Octa) | 1 | 1 | 1 | 1 | 1 |

Weather Summary/Alert:

In the last seven days (22 – 28 October, 2021), there was 0.0 mm rain and the sky was clear to p-cloudy. The maximum & minimum temperatures ranged between 29.0 to 30.5°C and 14.8 to 18.5°C respectively. Relative humidity ranges from 77 to 96 % at 0712 hrs and 40 to 52 % at 1412 hrs. The winds run mainly from the WSW & WNW with a speed of 1.2 to 3.8 km/hour. Weather will remain clear in the coming five days. Maximum & minimum temperature may range from 28.0 to 29.0 deg C & 14.0 to 15.0 deg C respectively. Wind will blow with a speed of 6.0 km/hr from the ESE & NW direction. As per ERFIS products, rainfall, maximum and minimum temperature will be below normal from 3 - 9 November in the state.

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). Weather will remain clear in the coming five days. NDVI & SPI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.2-0.45 for U S Nagar i.e. agriculture vigor is moderate to good in the district. Harvest paddy and make proper storage arrangements. Farmers should sow wheat and pulse crops. In present weather condition, field preparation should be started for rabi crops. Ploughing and planking should be done properly to conserve the moisture in the soil. Sowing should be done keeping in mind the weather forecast and soil moisture condition.

SMS Advisory:

The weather will be dry in the coming days, so it is advisable to irrigate all crops and vegetables as per the requirement and sowing of rabi crop should be done.

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|------------------------|
|-----------------|------------------------|

| Crop(Varieties) | Crop Specific Advisory |
|-----------------------------|---|
| RICE | Harvest late sown paddy without delay so that rabi crops can be sown on time. Do not delay in harvesting, otherwise the grains start falling. |
| PIGEON PEA (RED GRAM/ARHAR) | In the early varieties of Arhar, harvest the crop after ripening of 75-80% of the pods and take out the grains after threshing them properly. |
| SOYABEAN | Harvesting of late sown crop of soyabean should be done. |
| SUGARCANE | Harvest the crop when the quantity of Brix in sugarcane juice is 18 percent and irrigate the Naulakh crop as needed. |

Horticulture Specific Advisory:

| Horticulture(Varieties) | Horticulture Specific Advisory |
|--------------------------------|---|
| PAPAYA | In case of locust infestation in papaya crop, spray Chlorpyrifos 20 EC @ 2 ml/l. |
| BRINJAL | Do weeding in the brinjal crop and pluck the mature fruits and send them to the market. |
| CAULIFLOWER | Sow late varieties of cauliflower in tarai & plains. |
| VEGETABLE PEA | Sow the seeds of pea in areas where sowing has not been done. |

Live Stock Specific Advisory:

| Live Stock(Varieties) | Live Stock Specific Advisory |
|------------------------------|---|
| BUFFALO | It is advised that green fodder should be given to the animals by mixing it in dry fodder otherwise animals may be infected by Timpeti disease which causes the death of animals. |

Poultry Specific Advisory:

| Poultry(Varieties) | Poultry Specific Advisory |
|---------------------------|---|
| HEN | There is a chance of Aflatoxicosis disease in Poultry due to the occurrence of fungus in the food which causes to death of poultry birds. So, medicine should be administered to the poultry birds only on the advice of veterinarians. |