



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 : 26-10-2021

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-10-26(Valid Till 08:30 IST of the next 5 days)

| Parameter | 2021-10-27 | 2021-10-28 | 2021-10-29 | 2021-10-30 | 2021-10-31 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Tmax(°C) | 30.0 | 29.0 | 29.0 | 29.0 | 28.0 |
| Tmin(°C) | 14.0 | 14.0 | 14.0 | 14.0 | 13.0 |
| RH-I(%) | 85 | 80 | 80 | 75 | 85 |
| RH-II(%) | 50 | 45 | 50 | 55 | 60 |
| Wind Speed(kmph) | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 |
| Wind Direction(Degree) | 320 | 320 | 330 | 330 | 320 |
| Cloud Cover(Octa) | 1 | 1 | 1 | 1 | 1 |

Weather Summary/Alert:

In the last seven days (19 – 25 October, 2021), there was 355.2 mm rain and the sky was clear to dense cloudy. The maximum & minimum temperatures ranged between 24.8 to 30.5°C and 17.0 to 21.4°C respectively. Relative humidity ranges from 70 to 96 % at 0712 hrs and 40 to 91 % at 1412 hrs. The winds run mainly from the ENE & ESE with a speed of 1.3 to 6.1 km/hour. Weather will remain clear in the coming five days. Maximum & minimum temperature may range from 28.0 to 30.0 deg C & 13.0 to 14.0 deg C respectively. Wind will blow with a speed of 6.0 km/hr from the NW direction. As per ERFSS products, rainfall will be below normal, maximum and minimum temperature will be normal from 31 October - 6 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. Farmers should sow wheat and pulse crops. Sowing should be done keeping in mind the weather forecast and soil moisture condition.

SMS Advisory:

There is a forecast of no rain in the coming five days. Farmers are advised to complete the harvesting of paddy and mature vegetables.

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|--------------------------|---|
| SESAME (GINGELLY/TIL) | Harvest the mature crop and separate the seeds. |

| Crop(Varieties) | Crop Specific Advisory |
|------------------------|--|
| RAPSEED | In Rapeseed crop, maintain the plant to plant distance at 10-15cm after 15 days of germination. There is a forecast of no rain in the coming days so, irrigate the crop 20-25 days after sowing and top dressing of Urea should be done after 4-5 days of irrigation application. |
| WHEAT | In unirrigated condition, timely sowing of wheat varieties like- PBW 644, PBW 396, PBW 299, C 306 and WH 1080 should be done in the second fortnight by keeping in view the weather forecast. |
| LENTIL | Sowing of lentil crop should be done . Lentil varieties like PL 406, PL 639] PL-4,5,7,8, DPL-15, 62 should be selected for sowing . Seed rate for sowing should be 30-40 kg/ha. |
| FIELD PEA | Dwarf variety of field pea like Aparna, Malviya matar-5, DDR-23, Pant matar 13, 14, 25, 75 & normal variety of pea like Pant matar-42 should be selected for sowing. Sowing should be done with seed rate 100-125 kg/ha and 75-80kg/ha for dwarf and normal varieties respectively of pea at a distance 30 cm. |
| OKRA/ LADYFINGER | If the leaves of okra are turning black then spray fungicide in the lower portion of leaves in day time. Copper oxychloride 0.3%, Mancozeb 0.25% should be used as protective fungicide. |

Horticulture Specific Advisory:

| Horticulture(Varieties) | Horticulture Specific Advisory |
|--------------------------------|--|
| PAPAYA | In case of locust infestation in papaya crop, spray Chlorpyrifos 20 EC @ 2 ml/l. |
| LEMON | In case, if caterpillar of butterfly are more in number in lemon tree, Spraying of Monocrotophos @ 2ml/lit or Chlorpyrifos @ 2ml/lit should be done. |
| SPINACH | In Tarai and Plain sowing of spinach should be done. |
| CAULIFLOWER | Farmers can sow the late variety of cauliflower in Tarai and plain areas of the district. |
| ONION | Sow the seeds of onion till the end of this month. |

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. |
| COW | 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. |