



Agromet Advisory Bulletin

Date: 20.10.2023

Weather Forecast of District UDHAMSINGH-NAGAR (Uttarakhand) Issued On: 2023-10-20 (Valid Till 08:30 IST of the next 5 days)

| Parameter | 21/10/2023 | 22/10/2023 | 23/10/2023 | 24/10/2023 | 25/10/2023 |
|--------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Rainfall (mm) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Max Temp (°C) | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 |
| Min Temp (°C) | 14.0 | 14.0 | 13.0 | 13.0 | 13.0 |
| Max RH I (%) | 70 | 70 | 70 | 70 | 70 |
| Min RH II (%) | 30 | 30 | 30 | 30 | 30 |
| Wind speed (km/h) | 6 | 6 | 6 | 6 | 6 |
| Wind direction | 130 | 130 | 130 | 130 | 130 |
| Cloud cover | 1 | 1 | 1 | 1 | 1 |

Weather Summary/ Alert:

In the last seven days (13 to 19 October) 7.4 mm rainfall was recorded with maximum and minimum temperatures ranging between 28.0 to 32.5°C and 13.9 to 19.7°C. During the last week weather remained clear on most of the days. Morning relative humidity at 0712 hrs ranged between 63 to 92% and evening relative humidity at 1412 hrs ranged between 39 to 83%. Wind speed was 0.2 to 3.7 km per hour and wind direction was mostly north-east. The upcoming 5 days forecast shows no rainfall. The maximum and minimum temperatures would be 29 degrees Celsius and 13-14 degrees Celsius. Winds with a speed of 6 kmph will mostly blow from the south-east direction. Dry weather is expected to prevail.

General Advisory:

The extended range forecast system for the region shows normal rainfall. The farmers are advised to download "Meghdoot App" to get last week's weather, weather forecast and agrometeorological advice and "Damini App" to get lightning information. Meghdoot and Damini apps can be downloaded from Google Play Store (Android users) and App Center (iOS users). This will help them in taking right decisions regarding farming activities.

SMS Advisory:

Clear and dry condition is expected to prevail so agricultural operations can be taken up accordingly.

Crop Specific Advisory:

| Crop (Varieties) | Stage | Crop Specific Advisory |
|-------------------------------|---------------------|--|
| Rice | Maturity/harvesting | The mature crop should be harvested and the field should be prepared for the next crop. Proper storage should be done to avoid grain spoilage. |
| Maize | Maturity/Harvesting | Provide proper storage to the harvested cobs. |
| Sugarcane | Harvesting/sowing | Provide proper storage to harvested canes and autumn sowing should be completed . |
| Sesame | Harvesting | The crop should be harvested till the month end and the seeds should be separated after threshing. |
| Chickpea/Vegetable pea/Lentil | Sowing | Sowing of chickpea should be done in the second fortnight of October. Only use treated seeds for sowing. |
| Rapeseed (Lahi) and Rai | Sowing | The sowing of rapeseed can be done at a depth of 4-5 cm and at a line to line distance of 45 cm. |
| Mustard | Sowing | The sowing of mustard can be done at a depth of 3-4 cm @4-5 kg/ha and at a line to line distance of 30 cm. |
| Wheat | Sowing | Wheat sowing should be done with treated seeds in this month. |

Horticulture Specific Advisory:

| Horticulture (Varieties) | Stage | Horticulture Specific Advisory |
|--------------------------|------------|---|
| Vegetable Pea | Sowing | Sowing of vegetable pea should be done in the second fortnight of October. Only use treated seeds for sowing. |
| Potato | Sowing | Sowing of potato can be taken up in this month. |
| Pumpkin vegetables | Harvesting | The cucurbitaceous crop should be harvested for sale. |

Live Stock Specific Advisory

| Livestock | Live Stock Specific Advisory |
|--------------|---|
| Buffalo/Cows | The animals should be protected against the spread of lumpy skin disease and should be vaccinated against it. |