



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 : 19-07-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-07-19(Valid Till 08:30 IST of the next 5 days)

| Parameter | 2022-07-20 | 2022-07-21 | 2022-07-22 | 2022-07-23 | 2022-07-24 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 35.0 | 60.0 | 40.0 | 25.0 | 25.0 |
| Tmax(°C) | 33.0 | 30.0 | 31.0 | 32.0 | 33.0 |
| Tmin(°C) | 23.0 | 23.0 | 23.0 | 24.0 | 24.0 |
| RH-I(%) | 95 | 95 | 95 | 85 | 80 |
| RH-II(%) | 55 | 60 | 60 | 50 | 50 |
| Wind Speed(kmph) | 12.0 | 16.0 | 12.0 | 12.0 | 10.0 |
| Wind Direction(Degree) | 130 | 130 | 130 | 130 | 130 |
| Cloud Cover(Octa) | 7 | 8 | 8 | 8 | 8 |

Weather Summary/Alert:

In the last seven days (12 – 18 July, 2022), there was 8.2 mm rain and the sky was Cloudy to dense cloudy. The maximum & minimum temperatures ranged between 33.5 to 36.6°C and 24.9 to 28.9°C respectively. Relative humidity ranges from 62 to 95 % at 0712 hrs and 50 to 62 % at 1412 hrs. The wind was mainly from the ENE & ESE with a speed of 0.5 to 7.6 km/hour. In the coming five days, moderate rain may occur activity will be more on 20 & 21 July. Maximum & minimum temperature may range from 31.0 to 33.0 deg C & 23.0 to 24.0 deg C respectively. Wind will blow with a speed of 10.0-16.0 km/hr from the ESE direction. Warning: Thunderstorm accompanied with lightning and intense shower at isolated places on 19 & 20 July and heavy to very heavy rainfall likely to occur at a few places (25-50% area) with extremely heavy rainfall at isolated (upto 25% area) places may occur on 20 July. As per ERF, the rainfall, maximum & minimum temperature will be normal in the state from 24 to 30 July.

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). Rain water should not be given to the animals and maintain proper drainage system in the field.

SMS Advisory:

In the coming five days, moderate rain may occur. Warning: very to very heavy rain on 20 July. Maintain proper drainage system in the field.

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|--------------------------|---|
| RICE | Transplanting of paddy should be completed in this month. For transplanting of paddy, row to row and plant to plant distance should be 20cm and 10 cm respectively. Again transplant paddy in place of dead plants within 10 days of the transplanting. |
| SESAME (GINGELLY/TIL) | Sow sesame seeds in the second fortnight of the month keeping in mind the weather forecast. |
| SUGARCANE | Keeping in view the forecast of light to moderate rain, it is advised that proper drainage should be maintained in the field. |
| MAIZE | Weeding and hoeing should be done in the Maize sown in the month of June after 15 and 30 days of sowing and top dressing of Nitrogen may be given when crop attained the height of around 2 feet and proper drainage should be maintained in the field. Sowing of the maize crop should be completed on the ridges by keeping in view the weather forecast. |
| BLACK GRAM | Sowing of urd should be done in the second fortnight of the month keeping in mind the weather forecast. |
| GREEN GRAM | Sowing of green gram should be done in the second fortnight of the month keeping in mind the weather forecast. |

Horticulture Specific Advisory:

| Horticulture(Varieties) | Horticulture Specific Advisory |
|-------------------------|---|
| CAULIFLOWER | Keeping in view the forecast of rain in coming days, proper drainage should be arranged in the field where early variety of Cauliflower transplanted. |
| CHILLI | Transplanting of Chilly may be done on the ridge with row to row and plant to plant distance of 50cm and proper drainage should be made because excess amount of water for about 24 hours in the field dried up the crop. |

Live Stock Specific Advisory:

| Live Stock(Varieties) | Live Stock Specific Advisory |
|-----------------------|--|
| BUFFALO | July month is highly favourable for cattles' delivery. So, it is recommended that their dwelling place should be clean and hygienic. Just after delivery, tie the navel of new born baby of cattle by cutting it with sharp and clean knife, then apply Gentian violet paint or tincture iodine. After animal's delivery, Gynotone or Utrotone medicine @ 200ml should be given in morning and evening hours for three days to clean the womb. |