



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



Agromet Advisory Bulletin

Date : 02-07-2021

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-07-02(Valid Till 08:30 IST of the next 5 days)

| Parameter | 2021-07-03 | 2021-07-04 | 2021-07-05 | 2021-07-06 | 2021-07-07 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall | 5.0 | 15.0 | 8.0 | 20.0 | 25.0 |
| Tmax(°C) | 37.0 | 36.0 | 36.0 | 35.0 | 35.0 |
| Tmin(°C) | 29.0 | 28.0 | 28.0 | 27.0 | 26.0 |
| RH-I(%) | 80 | 85 | 80 | 80 | 80 |
| RH-II(%) | 55 | 60 | 55 | 55 | 60 |
| Wind Speed(kmph) | 14.0 | 14.0 | 12.0 | 12.0 | 14.0 |
| Wind Direction(Degree) | 130 | 130 | 130 | 120 | 120 |
| Cloud Cover(Octa) | 3 | 4 | 2 | 5 | 6 |

Weather Summary/Alert:

In the last seven days (25 June–1 July, 2021), there was 0.0 mm rain and the sky was partly to moderate cloudy. The maximum & minimum temperatures ranged between 34.2 to 38.5°C and 25.4 to 28.9°C respectively. Relative humidity ranges from 70 to 85 % at 0712 a.m. and 48 to 63 % at 1412 hrs. The winds run mainly from the ENE & WNW with a speed of 2.4 to 6.2 km/hour. Light to moderate rain may likely occur in the coming five days. Maximum & minimum temperature may range from 35.0 to 37.0 deg C & 26.0 to 29.0 deg C respectively. Wind will blow with a speed of 12.0-14.0 km/hr from the ESE direction. As per ERFIS products, rainfall will be below normal, maximum temperature will be above normal & minimum temperature will be normal from 7 - 13 July in the state. Warning: Squall (50-60 kmph) likely to occur at isolated places in plains today.

General Advisory:

In view of the second wave of Corona (Covid-19), the farmers are advised to follow the guidelines given by the Government of India, personal hygiene, use of masks, washing hands at appropriate intervals during agricultural operations. NDVI & SPI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.1-0.4 for Udham Singh Nagar i.e. agriculture vigor is moderate in the district. SPI map indicates the mildly wet conditions in the district for the past 4 weeks.

SMS Advisory:

Light rain from 2 to 4 July and moderate rain from 5 & 6 July may likely to occur. There is a warning of squall (50-60 kmph) likely to occur at isolated places in plains today.

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|-----------------------------------|---|
| PIGEON PEA (RED GRAM/ARHAR) | Sowing of late sown variety of pigeon pea should be completed till first fortnight of July month. |
| MAIZE | Sowing of maize crop should be completed during this week in the plains. |
| RICE | Transplanting of paddy should be completed in the month of July and direct sowing of paddy can be done till the first week of July month. Arrangement for irrigation and proper drainage of water should be done in the field before transplanting of paddy. Transplanting should be done after 10-15hrs of puddling. Transplanting of medium duration variety of paddy should be completed in the first week of July and early maturing variety should be done till the third week of July. Before transplanting the seedlings of paddy, roots should be dipped for half an hour in the solution of Carbendazim @ 1g/liter of water. |

Horticulture Specific Advisory:

| Horticulture(Varieties) | Horticulture Specific Advisory |
|--------------------------------|---|
| SPINACH | Sowing of spinach should be done in plains by keeping in view the weather forecast. |
| CAPSICUM | On the occurrence of collar rot in capsicum, spray Ridomil Gold @ 2 gm/lit water along with sticker. Spraying of chemicals should be done in clear weather. |
| LEMON | Proper arrangement of drainage to remove the excess amount of water should be done. Formation of the pit for establishing a new orchard during the rainy season should be done. |

Live Stock Specific Advisory:

| Live Stock(Varieties) | Live Stock Specific Advisory |
|------------------------------|---|
| BUFFALO | July month is highly favorable for cattle delivery. So, it is recommended that their dwelling place should be clean and hygienic. |