



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 : 16-02-2021

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-02-16(Valid Till 08:30 IST of the next 5 days)

| Parameter | 2021-02-17 | 2021-02-18 | 2021-02-19 | 2021-02-20 | 2021-02-21 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Tmax(°C) | 26.0 | 25.0 | 25.0 | 25.0 | 26.0 |
| Tmin(°C) | 7.0 | 7.0 | 8.0 | 7.0 | 6.0 |
| RH-I(%) | 90 | 90 | 90 | 95 | 95 |
| RH-II(%) | 45 | 45 | 50 | 50 | 50 |
| Wind Speed(kmph) | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 |
| Wind Direction(Degree) | 340 | 310 | 340 | 60 | 310 |
| Cloud Cover(Octa) | 0 | 0 | 0 | 0 | 1 |

Weather Summary/Alert:

In the last seven days (9 - 15 February 2020), there was 0.0 mm rain and the sky was p-cloudy to overcast. The maximum & minimum temperatures ranged between 24.0 to 25.5°C and 7.2 to 11.4°C respectively. Relative humidity ranges from 90 to 97 % at 0712 a.m. and 30 to 55 % at 1412 hrs. The winds run mainly from the WSW at a speed of 0.2 to 2.1 km/hour. In the coming five days, the weather will remain clear. Maximum & minimum temperature may range from 25.0 to 26.0 deg C & 6.0 to 8.0 deg C respectively.

General Advisory:

SPI map received from the India Meteorological Department dated- 11 February 2021 indicates mildly dry conditions in the Udham Singh Nagar district for the past 4 weeks. In view of the severe spread 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.

SMS Advisory:

There is a forecast of no rain in the coming five days. After that, the weather is expected to remain clear till February 26.

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|------------------------|--|
| SUGARCANE | Sowing of spring season sugarcane crop should be done in the second fortnight of this month. |
| BARSEEM | Harvest Barseem in due course and must irrigate every time after harvesting. |
| MUSTARD | Irrigation should be given as per requirement in the mustard crop at the grain filling stage of these crops. |

Horticulture Specific Advisory:

| Horticulture(Varieties) | Horticulture Specific Advisory |
|--------------------------------|--|
| SUNFLOWER | Sunflower varieties like Mordan, Surya should be sown in the second fortnight of February. |
| POTATO | Dig potatoes otherwise there is a possibility of fungal infestation. |

Live Stock Specific Advisory:

| Live Stock(Varieties) | Live Stock Specific Advisory |
|------------------------------|-------------------------------------|
|------------------------------|-------------------------------------|

| Live Stock(Varieties) | Live Stock Specific Advisory |
|------------------------------|--|
| BUFFALO | To save the buffalo calf from Toxocara vitulorum (patera) disease, 10-15Cc Neem oil should be given to the calf immediately after 10 days of his birth. Again after 10 days, 10-15 CC Neem oil should be given. Chenopodium album oil can also be given as fodder to animals to save the calf/animals from patera disease. |