



**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 : 22-03-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-03-22(Valid Till 08:30 IST of the next 5 days)

| Parameter              | 2022-03-23 | 2022-03-24 | 2022-03-25 | 2022-03-26 | 2022-03-27 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm)           | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        |
| Tmax(°C)               | 35.0       | 35.0       | 34.0       | 34.0       | 34.0       |
| Tmin(°C)               | 14.0       | 13.0       | 13.0       | 12.0       | 13.0       |
| RH-I(%)                | 80         | 75         | 80         | 75         | 75         |
| RH-II(%)               | 40         | 40         | 45         | 40         | 35         |
| Wind Speed(kmph)       | 6.0        | 6.0        | 8.0        | 8.0        | 6.0        |
| Wind Direction(Degree) | 310        | 310        | 120        | 100        | 300        |
| Cloud Cover(Octa)      | 0          | 0          | 1          | 0          | 0          |

### Weather Summary/Alert:

In the last seven days (15 – 21 March, 2022), there was 0.0 mm rain and the sky was Clear. The maximum & minimum temperatures ranged between 31.5 to 34.0°C and 15.5 to 22.4°C respectively. Relative humidity ranges from 69 to 94 % at 0712 hrs and 45 to 56 % at 1412 hrs. The wind was mainly from the WNW & WSW with a speed of 0.3 to 3.9 km/hour. In the coming five days, weather will remain clear. Maximum & minimum temperature may range from 34.0 to 35.0 deg C & 12.0 to 14.0 deg C respectively. Wind will blow with a speed of 6.0-12.0 km/hr from the ESE & NW direction. As per ERF, the rainfall will be normal and maximum & minimum temperature will be above normal in the state from 27 March to 2 April.

### 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). Ploughing of orchard should not be done at the time of flowering. Irrigation should be applied to the orchard. Insecticides should not be used at the time of flowering because this may be dangerous and causes the dying of pollinator.

### SMS Advisory:

The weather will be dry in the coming days, so farmers are advised to irrigate the crops and vegetables.

### Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|------------------------|
|-----------------|------------------------|

| <b>Crop(Varieties)</b> | <b>Crop Specific Advisory</b>  |
|------------------------|--|
| GREEN GRAM             | Sow the green gram (moong). Sowing of moong in the Terai region should be done by the end of March.  |
| FODDER<br>MAIZE        | Fodder crops like chari, Maize, bajara, makchari, lobia and jawar etc can also be sown in this month.  |
| WHEAT                  | Necessary irrigation should be given in the wheat crop as needed. Remove weeds like Gulli Danda and jalgi jai (wild oats) and destroy them. On the occurrence of aphid in wheat, spray the solution of Thiomethaxam 25 WSG @ 100 ml/ha or Imidacloprid 17.8 SL @ 140 ml/ha in 500-600 liters of water. Do second spray at an interval of 15 days. Spray should be done in the morning or evening hours when there is no rain or strong wind.                   |
| MUSTARD                | Harvest the mature crop of black mustard (rai) and store the grain after drying.   |
| FIELD PEA              | Harvesting of field pea should be done when 90% of pods turn brown after maturing. Threshing of crop should be done after drying and proper storage of grains should be done.  |
| CHICK PEA              | Light irrigation should be given in the chickpea crop at the time of pod formation. To control the blight disease in gram, Mancozeb 75% WP @ 2.5g/lit should be sprayed keeping in view the weather forecast. If the leaves of gram are falling after turning yellow, then harvest them. Harvesting should be done in the morning and after drying in the sunlight for 6-7days, threshing should be done. Storage is done only after proper drying the grains. |

#### Horticulture Specific Advisory:

| <b>Horticulture(Varieties)</b> | <b>Horticulture Specific Advisory</b>   |
|--------------------------------|---|
| MANGO                          | On the occurrence of Gumba or Mango malformation, cut the affected part and put them in the pit and cover with soil.  |
| TOMATO                         | On the occurrence of fruit borer in the Tomato, fruit should be used only after 3 days and 5 days of spraying of Chlorantraniliprole 18.5 SC @ 150ml/Ha and Indoxacarb 14.5 SC @ 500ml/Ha respectively. |

#### Live Stock Specific Advisory:

| <b>Live Stock(Varieties)</b> | <b>Live Stock Specific Advisory</b>   |
|------------------------------|---|
| COW                          | The calves of cows, whose age is around 2 months, anthelmintic medicine should be given to them on the recommendation of veterinarian.      |
| BUFFALO                      | The calves of buffaloes, whose age is around 2 months, anthelmintic medicine should be given to them on the recommendation of veterinarian. |