



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 : 28-02-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-02-28(Valid Till 08:30 IST of the next 5 days)

| Parameter | 2022-03-01 | 2022-03-02 | 2022-03-03 | 2022-03-04 | 2022-03-05 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 |
| Tmax(°C) | 26.0 | 27.0 | 27.0 | 28.0 | 28.0 |
| Tmin(°C) | 9.0 | 10.0 | 11.0 | 10.0 | 9.0 |
| RH-I(%) | 90 | 90 | 85 | 85 | 80 |
| RH-II(%) | 50 | 50 | 55 | 55 | 50 |
| Wind Speed(kmph) | 6.0 | 6.0 | 6.0 | 8.0 | 10.0 |
| Wind Direction(Degree) | 300 | 320 | 120 | 120 | 320 |
| Cloud Cover(Octa) | 1 | 1 | 1 | 4 | 0 |

Weather Summary/Alert:

In the last seven days (21 – 27 Feb, 2022), there was 2.2 mm rain and the sky was Clear to cloudy. The maximum & minimum temperatures ranged between 18.0 to 25.5°C and 6.3 to 14.6°C respectively. Relative humidity ranges from 78 to 96 % at 0712 hrs and 35 to 75 % at 1412 hrs. The wind was mainly from the ESE & WSW with a speed of 2.4 to 12.9 km/hour. In the coming five days, very light rain may occur on 3 March otherwise weather will remain clear. Maximum & minimum temperature may range from 26.0 to 28.0 deg C & 9.0 to 11.0 deg C respectively. Wind will blow with a speed of 6.0-11.0 km/hr from the ESE & NW direction. As per ERF, the rainfall will be above normal and maximum & minimum temperature will be normal in the state from 06 to 12 March.

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).

SMS Advisory:

In the coming five days, very light rain may occur on 3 March otherwise weather will remain clear.

Crop Specific Advisory:

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

| Crop(Varieties) | Crop Specific Advisory |
|------------------------|--|
| WHEAT | 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. In the timely sown wheat crop, irrigate should be applied at flowering stage based on weather forecast. |
| MUSTARD | On the highly occurrence of aphid in mustard, Methyl-o-demeton 25 ec @ 1.5 lit/ha or malathion 50 ec @ 2.0 lit/ha should be sprayed by keeping in view the weather forecast. |
| SUGARCANE | Sowing of spring season sugarcane crop should be completed till 15 March. |

Horticulture Specific Advisory:

| Horticulture(Varieties) | Horticulture Specific Advisory |
|--------------------------------|---|
| MANGO | If Mango mealy bug appeared in the mango trees then cut and separate it and put it in the pit, cover with soil. Last year Gumba baur or Mango mal formation and leaves which are highly affected by powdery mildew should be destroyed by plucking. |
| TOMATO | In case of late blight, spray Mancozeb 64% + cymoxanil 8% WP @ 2.5gm per litre by keeping in view the weather forecast. |

Live Stock Specific Advisory:

| Live Stock(Varieties) | Live Stock Specific Advisory |
|------------------------------|---|
| GOAT | To prevent chicken pox disease in sheep and goats, vaccination of sheep/goat pox should be done in the animals. |