



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 : 21-05-2021

Weather Forecast of NAINITAL(Uttarakhand) Issued On : 2021-05-21(Valid Till 08:30 IST of the next 5 days)

| Parameter | 2021-05-22 | 2021-05-23 | 2021-05-24 | 2021-05-25 | 2021-05-26 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall | 8.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Tmax(°C) | 18.0 | 20.0 | 22.0 | 23.0 | 25.0 |
| Tmin(°C) | 10.0 | 12.0 | 13.0 | 14.0 | 15.0 |
| RH-I(%) | 95 | 90 | 85 | 75 | 60 |
| RH-II(%) | 50 | 45 | 35 | 25 | 20 |
| Wind Speed(kmph) | 6.0 | 6.0 | 6.0 | 8.0 | 8.0 |
| Wind Direction(Degree) | 120 | 120 | 310 | 320 | 320 |
| Cloud Cover(Octa) | 5 | 3 | 2 | 1 | 1 |

Weather Summary/Alert:

In the coming five days, light rain may likely occur today otherwise weather will remain clear and wind will blow with a speed of 6.0-8.0 km/hr from the ENE & NE direction. Maximum & minimum temperature may range from 18.0 to 25.0 deg C & 10.0 to 15.0 deg C respectively. As per ERFIS products, rainfall, max & min temperature will be below normal from 26 May- 1jue in the state. There is a warning of heavy to very heavy rainfall at isolated places and thunderstorm accompanied with lightning and intense shower likely to occur at isolated to few places on 21 May.

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 0.1-0.3 for Nainital i.e. agriculture vigor is moderate in the district. SPI map indicates the severely wet conditions in the district for the past 4 week

SMS Advisory:

In the coming five days, light rain may likely occur today otherwise weather will remain clear. There is a warning of heavy to very heavy rainfall at isolated places today.

Crop Specific Advisory:

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

| Crop(Varieties) | Crop Specific Advisory |
|------------------------|--|
| BARNYARD MILLET | In mid and low hills, sowing of barnyard millet should be done in the second fortnight of this month. Sowing should be done by keeping in view the weather forecast. |
| GARLIC | Do not allow rain water to accumulate in the garlic crop, so make proper management of drainage in the field. |
| RICE | In irrigated condition, preparation of nursery for transplanting paddy should be done in valley & low hills. |
| GINGER | Sowing of ginger crop should be followed after tuber treatment. |

Horticulture Specific Advisory:

| Horticulture(Varieties) | Horticulture Specific Advisory |
|--------------------------------|---|
| PEACH | Picking of early variety of peach, plum and khumani should be done and send them to the market. |
| ONION | Proper arrangement of drainage should be done in onion crop. |

Live Stock Specific Advisory:

| Live Stock(Varieties) | Live Stock Specific Advisory |
|------------------------------|--|
| BUFFALO | Depending upon the season, the content of the animal feed should be changed. At this time increase the quantity of wheat chaff and jowar in the feed. Due attention should be given to arrangements for provision of water to animals. |