



**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 : 06-05-2022

Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2022-05-06(Valid Till 08:30 IST of the next 5 days)

| Parameter              | 2022-05-07 | 2022-05-08 | 2022-05-09 | 2022-05-10 | 2022-05-11 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm)           | 2.0        | 0.0        | 0.0        | 0.0        | 5.0        |
| Tmax(°C)               | 25.0       | 27.0       | 28.0       | 28.0       | 29.0       |
| Tmin(°C)               | 12.0       | 13.0       | 13.0       | 14.0       | 14.0       |
| RH-I(%)                | 70         | 65         | 60         | 60         | 70         |
| RH-II(%)               | 55         | 50         | 50         | 50         | 55         |
| Wind Speed(kmph)       | 6.0        | 6.0        | 6.0        | 6.0        | 6.0        |
| Wind Direction(Degree) | 120        | 120        | 130        | 130        | 130        |
| Cloud Cover(Octa)      | 3          | 0          | 0          | 2          | 4          |

### Weather Summary/Alert:

Very light rain today & light rain on 10 May may likely occur. Maximum & minimum temperature may range from 25.0 to 29.0 deg C & 12.0 to 14.0 deg C respectively. Wind will blow with a speed of 6.0 km/hr from the ESE direction. As per ERF, the rainfall will be below normal and maximum & minimum temperature will be above normal & normal respectively in the state from 11 to 17 May.

### 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). After harvesting the Rabi crop, do deep plowing in the fields and leave the field open, which will destroy the eggs of insects and seeds of grass hidden in it due to the heat. NDVI & SPI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.15-0.4 for Nainital i.e. agriculture vigor is moderate in the district. SPI map indicates the severely dry conditions in the district for the past 4 weeks.

### SMS Advisory:

Very light rain today & light rain on 10 May may likely occur.

### Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory   |
|-----------------|--|
| RICE            | In mid hills, nursery of paddy should be prepared in the first fortnight of the month for transplanting under irrigated condition. |

| Crop(Varieties)                   | Crop Specific Advisory   |
|-----------------------------------|--|
| PIGEON PEA<br>(RED<br>GRAM/ARHAR) | Sow the crop in the first fortnight of the month and short duration varieties should be selected for sowing.   |
| DAINCHA                           | If irrigation facility is available then sowing of dhaincha and sanai should be done after harvesting of wheat and other rabi crops for green manure.  |
| OKRA/<br>LADYFINGER               | If the veins of leaves of okra crop are turning yellow, then destroy the plants and Sarvangi insecticide should be sprayed to control the juice sucking insects. Spraying should be done in clear weather. |

#### Horticulture Specific Advisory:

| Horticulture(Varieties) | Horticulture Specific Advisory   |
|-------------------------|--|
| COWPEA/ LOBIA           | To control the root and stem rot diseases in cowpea (lobia), make a solution of carbendazim @ 1g/lit of water and irrigate the roots.  |
| FRENCH BEAN             | To control the root and stem rot diseases in french bean, make a solution of carbendazim @ 1g/lit of water and irrigate the roots.   |
| TOMATO                  | If seedlings of tomato, brinjal and capsicum are transplanted one month prior then top dressing of Urea should be done keeping in view the weather forecast and moisture conservation should also be done. |
| MANGO                   | To control fruit fly in mango orchard, pheromone trap made up of wood should be placed on tree (10 trap/ha) and pheromone trap should be changed in 2 months.  |

#### Live Stock Specific Advisory:

| Live Stock(Varieties) | Live Stock Specific Advisory   |
|-----------------------|--|
| BUFFALO               | In the summer season, time to time spraying of melathiyani or other insecticide should be done in the drains near the animal shed. Due attention should be given to arrangements for provision of water to animals. The drinking troughs should be kept clean and animals should be provided water at least four times during the day. If symptoms of mastitis are seen in dairy cattle, treat it immediately. |

#### Others (Soil / Land Preparation) Specific Advisory:

| Others (Soil / Land Preparation) (Varieties) | Others (Soil / Land Preparation) Specific Advisory  |
|--|---|
| GENERAL ADVICE                               | In the month of May, close the bund of the field and leave it after plowing. Summer plowing destroys the larvae of pests and diseases & seeds of weeds, etc. The rain water from the bund will remain in the field and the soil will not flow out with the flow of water. Soil sample should be taken from 10-15 different places in this month from fallow field after harvesting of rabi crops. Soil sample should be taken up to the depth of 20 cm. |