



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 : 26-05-2023

Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2023-05-26(Valid Till 08:30 IST of the next 5 days)

| Parameter | 2023-05-27 | 2023-05-28 | 2023-05-29 | 2023-05-30 | 2023-05-31 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 12.0 | 5.0 | 1.0 | 12.0 | 1.0 |
| Tmax(°C) | 19.0 | 21.0 | 22.0 | 20.0 | 23.0 |
| Tmin(°C) | 9.0 | 10.0 | 11.0 | 10.0 | 11.0 |
| RH-I(%) | 80 | 80 | 70 | 80 | 75 |
| RH-II(%) | 50 | 40 | 35 | 35 | 30 |
| Wind Speed(kmph) | 6 | 9 | 8 | 8 | 9 |
| Wind Direction(Degree) | 120 | 120 | 110 | 110 | 320 |
| Cloud Cover(Octa) | 6 | 5 | 5 | 4 | 1 |

Weather Summary/Alert:

In the upcoming five days light to moderate rain may occur on 26 & 29 May while drizzle or light rain may occur on 27, 28 & 30 May. The maximum and minimum temperature will be 19.0 to 23.0 and 9.0 to 11.0 degree Celsius. The wind is likely to move from East-North-East direction with a speed of 6.0-9.0 km/h. Rainfall, maximum and minimum temperature are expected to be normal in the state during May 26-31. Warning: Thunderstorm accompanied with hailstorm/lightning and gusty wind (40-50 kmph) very likely at isolated places over Uttarakhand districts on 26 May 2023. Thunderstorm accompanied with lightning and gusty wind (40-50 kmph) very likely at isolated places on May 29

General Advisory:

Farmers can easily get last week's weather, weather forecast and weather based agriculture advice by downloading "Meghdoot App" and "Damini App" for lightning forecast. Both the apps are downloadable from Google Play Store (Android users) and App Center (iOS users). To save the stem of fruit tree from high radiation of sun, mixture of copper oxychloride with lime (1kg copper oxychloride, 30 kg Calcium hydroxide or bujha chuna, 1.5 liter linseed oil in 100 liter of water) should be used. Spraying of chemical should be done keeping in view the weather forecast.

SMS Advisory:

In the next five days, on 26th, 27th and 29th May there may be drizzle and light rain at some places, there is a possibility of cloudy weather.

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|------------------------|---|
| RICE | Rice nursery needs to be prepared and protected from direct sun using nets. The sowing should be done during evening time. |
| MAIZE | Farmers, according to the weather forecast in maize, maintain sufficient amount of moisture. Use bird scaring methods to save the cob from the birds. Drain excess water in case of water logging conditions. |

Horticulture Specific Advisory:

| Horticulture(Varieties) | Horticulture Specific Advisory |
|--------------------------------|--|
| BRINJAL | If seedlings of capsicum, brinjal and tomato 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 |
| FRENCH BEAN | Farmer brother, after harvesting the ready crop of French bean, sell it in the market. |
| ONION | Farmer brothers, keep the weather forecast in mind before digging the prepared onion crop. |
| CAPSICUM | Farmer brothers, keeping in mind the weather forecast, if the transplantation of capsicum seedlings has been done in hilly areas before one month, then top dressing of urea should be done after the weather clears up, as well as ensure moisture conservation measures. |
| CHILLI | Farmer brothers, considering the weather forecast, postpone spraying of any chemical in chilli crop for some time. |
| TOMATO | Farmer brothers, considering the weather forecast, postpone the spraying of any chemical in tomato crop for some time |

Live Stock Specific Advisory:

| Live Stock(Varieties) | Live Stock Specific Advisory |
|------------------------------|--|
| COW | Get the cows vaccinated as needed. |
| BUFFALO | Farmers should keep the following points in mind Bathing of animals is must. No exposure to excessive heat. Exhaust fan to be installed for good ventilation. Mosquito nets to prevent mosquito bites. |

Others (Soil / Land Preparation) Specific Advisory:

| Others (Soil / Land Preparation)(Varieties) | Others (Soil / Land Preparation) Specific Advisory |
|--|---|
| GENERAL ADVICE | Soil testing to be done for nutrients and accordingly the nutrients to be added to the soil. Deep ploughing to be done upto 20-25 cm. Levelling of field. |