



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 : 28-02-2023

Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2023-02-28(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-03-01	2023-03-02	2023-03-03	2023-03-04	2023-03-05
Rainfall(mm)	0.0	2.0	1.0	0.0	0.0
Tmax(°C)	20.0	19.0	21.0	19.0	22.0
Tmin(°C)	7.0	7.0	6.0	6.0	6.0
RH-I(%)	70	75	75	70	70
RH-II(%)	30	35	35	30	30
Wind Speed(kmph)	6.0	6.0	6.0	6.0	6.0
Wind Direction(Degree)	230	230	270	320	320
Cloud Cover(Octa)	6	3	1	2	0

Weather Summary/Alert:

In the coming five days, very light rain may occur on 1-2 March otherwise weather will remain clear. Maximum & minimum temperature may range from 19.0 to 21.0 deg C & 6.0 to 7.0 deg C respectively. Wind will blow with a speed of 6.0 km/hr from the SW & NW direction.

General Advisory:

High diurnal variation in temperature is conducive for the spread of cold and flu. People (especially the children and elderly) are advised to wear woollen/warm clothes during morning/night times to be protected from diurnal variation in temperature. There is a high chance of reduction in soil moisture for agriculture field/orchards due to high temperature so, farmers are advised to irrigate the crops/orchards to reduce the impact of high temperature. IMD Weather forecast, and Agrometeorological advisory of your location is now available on Meghdoot mobile app in English and regional languages. Kindly download from following link
Android: <https://play.google.com/store/apps/details?id=com.aas.meghdoot> iOS: <https://apps.apple.com/in/app/meghdoot/id1474048155>

SMS Advisory:

In the coming five days, light rain may occur on 1-2 March and weather will remain clear in the remaining days.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
WHEAT	On the occurrence of rust in wheat crop, solution of Propiconazole 25 EC @ 1ml/liter of water should be sprayed by keeping in view the weather forecast. 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	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
BARLEY	On the occurrence of blight disease in crop, mancozeb @ 50 g/15 lit of water /nali should be applied. Chemical should be applied in clear weather.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	In irrigated valley, sowing of brinjal should be done by keeping in view the weather forecast.
CAPSICUM	In valley regions, sowing of capsicum should be done @ 1-1.5 kg seed/ha
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
BUFFALO	Disbudding or Destroy the horn buds of calves of cow/buffalo at the age of one week.
GOAT	Goats and sheep should be vaccinated by sheep/goat pox to protect them from chickenpox.