



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 : 16-02-2024

Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2024-02-16(Valid Till 08:30 IST of the next 5 days)

Parameter	2024-02-17	2024-02-18	2024-02-19	2024-02-20	2024-02-21
Rainfall(mm)	0.0	0.0	0.0	20.0	15.0
Tmax(°C)	21.0	22.0	23.0	21.0	20.0
Tmin(°C)	8.0	9.0	10.0	8.0	6.0
RH-I(%)	65	65	65	75	75
RH-II(%)	25	25	25	35	35
Wind Speed(kmph)	1	1	2	1	1
Wind Direction(Degree)	320	320	180	140	90
Cloud Cover(Octa)	0	0	3	8	7

Weather Summary/Alert:

In the upcoming days light to moderate rainfall of 15-20 mm has been predicted. Maximum & minimum temperature may be 20.0-23.0 degree Celsius & 6.0- 10.0 degree Celsius, respectively. Wind is expected to blow with a speed of 1-8 km/hr primarily from the south, north-west, south-east and east direction. There are likely occurrence of light to moderate rainfall accompanied by thunderstorm with lightening/hailstorm at most places. An orange alert regarding the same has been given for 19 and 20 February, 2024. Dry weather is expected to prevail during remaining days.

General Advisory:

A regular update regarding weather forecast and agrometeorological advisory is available on the "Meghdoot App" and "Damini App" is also available to get lightning information. Meghdoot and Damini apps can be downloaded from Google Play Store (Android users) and App Center (iOS users). The NDVI composite shows good agricultural vigour in the region. The extended range forecast system shows normal rainfall and maximum-minimum temperature trend during 16 to 22 February. An orange alert regarding occurrence of light to moderate rainfall accompanied by thunderstorm and lightning/hailstorm has been predicted so all the farming activities should be scheduled accordingly.

SMS Advisory:

There is likely occurrence of light to moderate rainfall accompanied by thunderstorm, lightning/hailstorm on 19 & 20 February, the farmers are advised to schedule their farming operations accordingly.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
LENTIL (Flowering)	Irrigation should be applied at the time of pod filling and monitoring of pest/disease should be done. All farming activities should be scheduled as per the forecast.
MUSTARD (Pod Development)	Rapeseed and yellow mustard should be harvested on maturity. Irrigation should be applied as required. All farming activities should be scheduled as per the forecast.
WHEAT (Vegetative)	Under irrigated conditions irrigation should be applied at flowering stage on persistent dry conditions while urea application can be done in case of rainfed conditions. All farming activities should be scheduled as per the forecast.
BARLEY (Vegetative)	Under irrigated conditions irrigation should be applied at flowering stage on persistent dry conditions while urea application can be done in case of rainfed conditions. All farming activities should be scheduled as per the forecast.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
FRENCH BEAN (Sowing)	Sowing can be done in this month. All farming activities should be scheduled as per the forecast.
POTATO (Physiological Maturity)	Harvest mature potatoes. All farming activities should be scheduled as per the forecast.
LEMON	Proper nutrition and irrigation should be given to the citrus plants to prevent flower drop. All farming activities should be scheduled as per the forecast.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	Cows/buffaloes should not only consume unrefined foods like barseem, agola, etc. Always use dry foods in standard quantities with green fodder. Destroy horn-buds of calves of cow/buffaloes at the age of one week.
GOAT	Treat and take good care of newborn lambs of sheep and goats.