



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
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Agromet Advisory Bulletin

Date: 20.02.2024

Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2024-02-20 (Valid Till 08:30 IST of the next 5 days)

Parameter	21/02/2024	22/02/2024	23/02/2024	24/02/2024	25/02/2024
Rainfall (mm)	5.0	8.0	10.0	2.0	0.0
Max Temp (°C)	15.0	14.0	12.0	12.0	12.0
Min Temp (°C)	6.0	5.0	3.0	3.0	3.0
Max RH I (%)	80	75	80	65	65
Min RH II (%)	40	55	55	30	30
Wind speed (km/h)	9	9	6	8	9
Wind direction	270	270	270	230	230
Cloud cover	1	4	4	1	1

Weather Summary/ Alert:

In the upcoming days light rainfall of 2-10 mm has been predicted during 20-23 February. Maximum & minimum temperature may be 12.0-15.0 degree Celsius & 3.0- 6.0 degree Celsius, respectively. Wind is expected to blow with a speed of 6-9 km/hr primarily from the south-west and west direction. There is a likely occurrence of light to moderate rainfall at most places on 20th & 21st Feb 2024. Very light to light rain is likely to occur at a few isolated places on 22nd and 23rd February, 2024. Dry weather is likely to prevail during rest of the period. An orange and yellow alert warning has been given for occurrence of rainfall accompanied by thunderstorm, lightning/hailstorm/gusty winds with a speed of 30-40 km/hr at isolated places as per predictions for 20 and 21st February, respectively.

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, maximum and minimum temperature trend during 16 to 22 February. Rainfall has been predicted along with thunderstorm, lightning, hailstorm and gusty winds during 20-23 February thus farming operations can be scheduled accordingly.

SMS Advisory:

There is likely occurrence of rainfall accompanied with other weather aberrations during 20-23 February so the farming operations can be scheduled as per the forecast.

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Lentil	Flowering/pod formation	Irrigation should be applied at the time of pod filling and monitoring of pest/disease should be done. All the applications should be scheduled as per the forecast.
Rapeseed (Lahi/Ghariya)	Maturity/ flowering	Rapeseed and yellow mustard should be harvested on maturity. Irrigation should be applied as required. All the farming operations

and Yellow Mustard (Rada)		should be scheduled as per the forecast.
Wheat	Vegetative/flowering	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 the applications should be scheduled as per the forecast.
Barley	Vegetative/flowering	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 the applications should be scheduled as per the forecast.

Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
French bean	Sowing	Sowing can be done in this month. All the farming operations should be scheduled as per the forecast.
Potato	Physiological maturity	Harvest mature potatoes. All the farming operations should be scheduled as per the forecast.
Lemon		Proper nutrition and irrigation should be given to the citrus plants to prevent flower drop. All the farming operations should be scheduled as per the forecast.

Live Stock Specific Advisory

Livestock	LiveStock Specific Advisory
Cow/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.
Sheep/goats	Treat and take good care of newborn lambs of sheep and goats.