



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: 18.04.2024

Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2024-04-18 (Valid Till 08:30 IST of the next 5 days)

Parameter	19/04/2024	20/04/2024	21/04/2024	22/04/2024	23/04/2024
Rainfall (mm)	0	3	0	0	2
Max Temp (°C)	24	21	20	24	25
Min Temp (°C)	12	10	10	10	11
Max RH I (%)	65	65	65	65	65
Min RH II (%)	30	30	30	30	30
Wind speed (km/h)	8	10	10	8	10
Wind direction	270	270	130	130	130
Cloud cover	4	2	3	5	2

Weather Summary/ Alert:

During the upcoming days the region is expected to experience very light rainfall of 2-3 mm with maximum-minimum temperature of 20-25°C and 10-12°C, respectively. The wind is expected to blow from west and south-east direction with a speed of 8-10 kmph. Very light rainfall is likely to occur at few places on 19th and 22nd April. Dry weather is likely to prevail during rest of the period. A yellow warning regarding likely occurrence of thunderstorm with lightening/hailstorm and gusty wind (30-40 kmph) at isolated places has been predicted on 19th April, 2024 while thunderstorm with lightening is likely to occur at isolated places on 22th April, 2024.

General Advisory:

A regular update regarding weather forecast and agrometeorological advisory is available on the “Meghdoot App” while "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 that the predicted trend from 19 April-25 April would observe excess rainfall and below normal maximum and minimum temperature trend. Irrigation application and other farming operations should be scheduled as per the forecast and harvested produce should be stored well if left open in field.

SMS Advisory:

As per the forecast provided by India Meteorological Department, the farming activities should be scheduled accordingly and the harvested produce should be dried and stored well.

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Lentil/Field pea/ Yellow Mustard (Rada)	Harvesting	Harvest the mature crop and store well if kept in open. Schedule the farming activities as per the forecast.
Wheat	Harvesting	Harvesting of matured grains should be done and irrigation application should be avoided to prevent lodging in crops.

Rice	Sowing	Chetki dhan should be sown and the farming activities should be scheduled as per the available forecast.
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Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
French bean/ Amaranthus/Fenugreek/ Garlic	Sowing	Sowing of Amaranthus/French bean/ Fenugreek/Garlic should be scheduled as per the available forecast.
Tomato/capsicum/ brinjal	Transplanting	The farming operations should be scheduled as per the forecast. Life saving irrigation should be provided and moisture conservation methods should be used to maintain moisture.
Pumpkin	Vegetative/fruiting	On the occurrence of leaf spot disease in cucurbitaceous (pumpkin class vegetables) crop, solution of mancozeb @ 2.5 g/lit of water should be sprayed. The spraying should be scheduled as per the forecast.

Live Stock Specific Advisory

Livestock	Live Stock Specific Advisory
Cow/Buffalo	If symptoms of mastitis are seen in dairy cattle, treat it immediately. 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. To avoid heat waves provide proper ventilation.