



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
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 Udham Singh Nagar, Pantnagar, Uttarakhand



Agromet Advisory Bulletin

Date: 30.01.2024

Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2024-01-30(Valid Till 08:30 IST of the next 5 days)

Parameter	31/01/2024	01/02/2024	02/02/2024	03/02/2024	04/02/2024
Rainfall (mm)	0.0	20.0	15.0	0.0	0.0
Max Temp (°C)	15.0	12.0	11.0	14.0	14.0
Min Temp (°C)	6.0	6.0	7.0	5.0	4.0
Max RH I (%)	75	75	75	65	65
Min RH II (%)	35	35	35	25	25
Wind speed (km/h)	2	2	2	2	2
Wind direction	320	320	320	320	320
Cloud cover	0	4	3	0	0

Weather Summary/ Alert:

In the upcoming days light rainfall of 15-20 mm has been predicted on 1 & 2 February. Maximum & minimum temperature may be 11.0-15.0 degree Celsius & 4.0- 7.0 degree Celsius, respectively. Wind is expected to blow with a speed of 2 km/hr primarily from the north-west direction. On 31 January and 1 February a likely occurrence of light rainfall has been predicted and a yellow alert regarding occurrence of thunderstorm with lightning/ hailstorm at isolated places has been predicted for 31.01.2024 & 01.02.2024. Dry weather is expected to prevail during the remaining days i.e. on 30 January, 2 & 3 February.

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 26 January to 1 February. An alert for ground frost occurrence has been given so the farming activities should be scheduled accordingly.

SMS Advisory:

Light rainfall accompanied by thunderstorm/hailstorm at isolated places has been predicted so the farming practices (irrigation and chemical application) should be scheduled accordingly.

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Lentil	Vegetative	The crop should be regularly monitored for weeding and hoeing while irrigation should be applied as per requirement. Occurrence of plant rot can be treated with appropriate fungicide application. Any kind of farming operation should be scheduled as per the forecast.
Rapeseed (Lahi/Ghariya) and Yellow Mustard (Rada)	Vegetative/ flowering	The crop should be monitored regularly and time to time irrigation should be provided. Diseases should be monitored and control measures should be taken up. Any kind of farming operation should be scheduled as per the forecast.

Wheat	Vegetative	Irrigation should be applied as per requirement and urea application should be done after irrigation. Any kind of farming operation should be scheduled as per the forecast.
Barley	Vegetative	Irrigation should be applied as per requirement and urea application should be done after irrigation. Any kind of farming operation should be scheduled as per the forecast.

Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
Capsicum	Nursery	Seeds should be sown in the prepared nursery and seedlings should be protected from frost and extreme cold conditions by using plastic covers with proper air and water movement. Any kind of farming operation should be scheduled as per the forecast.
Vegetable pea	Flowering	The crop should be regularly monitored for weeding and hoeing while irrigation should be applied as per requirement. Occurrence of plant rot can be treated with appropriate fungicide application. Any kind of farming operation should be scheduled as per the forecast.
Spinach	Vegetative	Time to time irrigation to avoid chilling injury should be applied and proper measures to protect them against cold conditions should be taken up. Any kind of farming operation should be scheduled as per the forecast.
Potato	Physiological maturity	To control the late blight disease in potato, it is advised that solution of Mancozeb@ 2.5g/liter of water should be sprayed. Any kind of farming operation should be scheduled as per the forecast.
Apple		To control the fruit Rot disease in apple and seed bearing fruits, soil should be removed from the surrounding area of the stem so that the sunrays may enter directly in the stem of the affected tree. Affected bark should be removed and chaubatia paste should be applied along with soil covering. Any kind of farming operation should be scheduled as per the forecast.

Live Stock Specific Advisory

Livestock	Live Stock Specific Advisory
Cow/Buffalo	To save the animal from cold, increase the amount of oil and Jaggery (Gur) in the food of animals. Caraway (Ajwain) and gur also be given to the animals. To save the animals from cold, proper arrangement of animal shed should be done. Vaccination should be given to the animals to save them from Rinderpest disease (Sheetla rog).The animal feed should be increased by 10% for extra energy requirement.
Hen	Medicine as per the veterinarian should be administered for aflatoxiosis caused due to fungal growth in their feed.