



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



Agromet Advisory Bulletin

Date: 27.02.2024

Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2024-02-27 (Valid Till 08:30 IST of the next 5 days)

Parameter	28/02/2024	29/02/2024	01/03/2024	02/03/2024	03/03/2024
Rainfall (mm)	5.0	0.0	0.0	5.0	30.0
Max Temp (°C)	14.0	14.0	15.0	14.0	13.0
Min Temp (°C)	3.0	3.0	5.0	7.0	6.0
Max RH I (%)	75	70	70	80	90
Min RH II (%)	55	40	30	30	60
Wind speed (km/h)	8	8	8	8	10
Wind direction	230	230	230	110	110
Cloud cover	3	1	2	7	7

Weather Summary/ Alert:

The upcoming days show light to moderate rainfall prediction of 5-30 mm for 27 February, 1 and 2 March while the maximum and minimum temperature might range between 13-15°C and 3-7°C, respectively. The wind is expected to blow from south-west and east-south-east with a speed of 8-10 kmph. Light to moderate rain is likely to occur at most places on 2nd March. Light to moderate rain is likely to occur at many places on 1st March, 2024. Very light to light rainfall is expected on 27 February at isolated places while light to moderate rainfall is expected on 1 and 2 March, 2024. Dry weather is likely to prevail during rest of the period. An orange and yellow alert regarding occurrence of thunderstorm with lightning/Hailstorm at isolated places on 1st & 2nd March, 2024 has been given. On 28 and 29 February yellow alert regarding ground frost occurrence has been given.

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 moderate agricultural vigour in the region. The extended range forecast system issued by IMD shows that the predicted trend from 23-29 February would observe normal rainfall and below normal maximum-minimum temperature trend. As per the IMD issued forecast an orange and yellow alert regarding light to moderate rainfall along with thunderstorm, lightning/hailstorm and ground frost has been issued so sowing operations, irrigation and chemical application can be scheduled accordingly.

SMS Advisory:

As rainfall alongwith thunderstorm, lightning/hailstorm and ground frost has been predicted for the upcoming week so all the farming activities should be scheduled accordingly.

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Lentil	Flowering/pod formation	Irrigation and chemical application should be scheduled as per the forecast.
Rapeseed (Lahi/Ghariya) and Yellow	Maturity/ flowering	The harvested produce should be stored well and any kind of applications should be scheduled as per the forecast.

Mustard (Rada)		
Wheat	Vegetative/flowering	The irrigation application should be scheduled as per the forecast and avoided for the time being.
Barley	Vegetative/ flowering	The irrigation application should be scheduled as per the forecast and avoided for the time being.

Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
French bean	Sowing	The sowing should be scheduled as per the forecast and fresh germinated seedlings should be protected from ground frost.
Vegetable pea	Flowering	Irrigation and chemical application should be scheduled as per the forecast.

Live Stock Specific Advisory

Livestock	LiveStock Specific Advisory
Cow/Buffalo	Take measures to control lice/lice, colonies and flies in animals. For adequate availability of green fodder, sow jowar, maize, etc.
Sheep	Provide additional balanced diet to female and male sheep used for breeding.
Sheep/goats	Get sheep/goats vaccinated to protect them against smallpox.