



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: 01.03.2024

Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2024-03-01 (Valid Till 08:30 IST of the next 5 days)

Parameter	02/03/2024	03/03/2024	04/03/2024	05/03/2024	06/03/2024
Rainfall (mm)	10.0	25.0	10.0	0.0	0.0
Max Temp (°C)	10.0	13.0	14.0	16.0	16.0
Min Temp (°C)	11.0	10.0	8.0	7.0	9.0
Max RH I (%)	75	75	75	65	65
Min RH II (%)	45	45	45	35	35
Wind speed (km/h)	2	2	1	1	1
Wind direction	320	140	140	320	320
Cloud cover	8	8	6	0	0

Weather Summary/ Alert:

The upcoming days show light to moderate rainfall prediction of 10-25 mm for 1,2 and 3 March while the maximum and minimum temperature might range between 10-16°C and 7-11°C, respectively. The wind is expected to blow from north-west and south-east with a speed of 1-2 kmph. Very light to light rain is likely to occur at many places on 1st & 3rd March, 2024 and light to moderate rain at most places on 2nd March, 2024. Dry weather is likely to prevail during rest of the period. An orange alert and warning regarding occurrence of thunderstorm along with lightening/hailstorm and gusty winds(40-50 kmph) at isolated places on 2nd March, 2024, a yellow alert regarding similar occurrence on 1st March, 2024 and heavy rainfall on 2nd March, 2024 at isolated places has been given as per the IMD prediction. On 3rd March too similar conditions of thunderstorm with lightening is expected to prevail.

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 01-07 March would observe normal rainfall and below normal maximum-minimum temperature trend. As per the IMD issued forecast a yellow alert regarding thunderstorm, lightening/hailstorm and gusty winds (speed of 40-50 kmph) has been given for 1st and 3rd March and heavy rainfall on 2nd March while an orange alert regarding similar events on 2nd March has been predicted so sowing operations, irrigation and chemical application can be scheduled accordingly.

SMS Advisory:

As rainfall and lightning/ thunderstorm events have been predicted so all the sowing, chemical and irrigation related operation 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 Mustard (Rada)	Maturity/ flowering	The harvested produce should be stored well and any kind of applications should be scheduled as per the forecast.
Wheat	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.
Radish/carrot	Sowing	Sowing of European varieties can be done in the hilly regions which should be decided as per the forecast.
Vegetable pea	Flowering/pod formation	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.