



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



Agromet Advisory Bulletin

Date: 02.08.2024

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

Parameter	03/08/2024	04/08/2024	05/08/2024	06/08/2024	07/08/2024
Rainfall (mm)	25.0	30.0	15.0	10.0	20.0
Max Temp (°C)	24.0	23.0	24.0	23.0	23.0
Min Temp (°C)	17.0	16.0	15.0	16.0	16.0
Max RH I (%)	95	95	95	95	95
Min RH II (%)	75	75	75	75	75
Wind speed (km/h)	6	4	6	8	6
Wind direction	130	130	110	130	130
Cloud cover	7	6	6	7	8

Weather Summary/ Alert:

The upcoming week predicts light to moderate rainfall of 10-30 mm and maximum-minimum temperature varying between 23.0-24.0°C and 15.0-17.0°C, respectively. The wind is expected to blow from south-east and east-south-east at a speed of 4-8 kmph. Light to moderate rainfall is likely to occur at most places in Nainital on 3rd & 6th August at many places on 2nd, 4th and 5th August. A yellow warning regarding occurrence of heavy rain / thunderstorm accompanied with lightning / intense to very intense rain spell at isolated places in Nainital has been predicted from 2nd to 5th August. Similar warning regarding thunderstorm accompanied with lightning / intense to very intense rain spell has been predicted at isolated places on 6th August.

General Advisory:

For regular updates on weather conditions in the region, the farmers can get updates from the app "Meghdoot" and lightning update from the app "Damini" available on Google Play Store (Android users) and App Centre (iOS users). The NDVI shows good agricultural vigour in the isolated regions of the state ranging 0.20-0.35. The extended range forecast shows normal rainfall, maximum and minimum temperature trend during 02.08.2024 to 08.08.2024.

SMS Advisory:

As per the IMD forecast, proper drainage should be maintained in the crop fields and the farming operations should be scheduled accordingly.

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Rice	Vegetative	In the last month sown Jethi rice , remove the weeds. After rains, when their is optimum moisture in soil, go for top-dressing of urea. All the farming activities should be done keeping the forecast in mind.
Maize	Germination/vegetative	Weeding should be done in the last month's sown maize crop. Top-dressing of Nitrogen should be done when the maize becomes 2 feet tall. All the farming activities should be done keeping the forecast in mind.

Finger millet	Germination/ vegetative	Keep monitoring the crops and do weeding as per requirement. All the farming activities should be done keeping the forecast in mind.
Pigeon pea (Arhar/red gram)	Vegetative	Keep monitoring the crops and do weeding as per requirement. All the farming activities should be done keeping the forecast in mind.
Soyabean	Germination/ Seedling growth	The sowing should be scheduled as per the forecast and proper drainage should be provided to avoid water stagnation.
Green gram	Sowing	The sowing should be scheduled as per the forecast.

Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
Tomato/Capsicum/ Brinjal	Harvesting	Harvesting should be done of the ripened tomato/capsicum/brinjal and proper drainage should be maintained.
Cauliflower	Transplanting	If seedlings are ready for transplanting then transplantation should be taken up keeping the forecast in mind. Short duration varieties of cabbage, cauliflower, broccoli and knol-khol can be taken up in the mid hilly regions but only after sufficient moisture in the field. Proper drainage measures should be taken as per the forecasted rainfall.
Chilli/ Frenchbean	Harvesting/ Physiological maturity	Proper drainage should be maintained in the field and any kind of spray should be avoided.

LiveStock Specific Advisory

Livestock	LiveStock Specific Advisory
Cow/Buffalo	July is the month of delivery, so at the time of delivery of the animal, they should be constantly monitored and cleaned thoroughly after calving. 200 ml of any one of the medicines named Utrotane / Harira / Ginetone in the morning and evening for three days Till should be given for cleaning the uterus. The cattle shed should be cleaned regularly 2- 3 times during the rainy season.
Goat	Small ruminant animals like sheep, goats and newborn calves should be protected from getting wet during rainy days so that they do not get cold/cough/pneumonia.