



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
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Agromet Advisory Bulletin

Date: 16.08.2024

Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2024-08-16 (Valid Till 08:30 IST of the next 5 days)

Parameter	17/08/2024	18/08/2024	19/08/2024	20/08/2024	21/08/2024
Rainfall (mm)	10.0	35.0	40.0	45.0	50.0
Max Temp (°C)	23.0	22.0	22.0	21.0	20.0
Min Temp (°C)	16.0	16.0	15.0	15.0	15.0
Max RH I (%)	95	95	95	95	95
Min RH II (%)	75	75	75	75	75
Wind speed (km/h)	6	5	5	6	3
Wind direction	230	230	230	230	90
Cloud cover	8	8	7	8	8

Weather Summary/ Alert:

The upcoming week predicts light to moderate rainfall of 10-50 mm and maximum-minimum temperature varying between 21.0-23.0°C and 15.0-16.0°C, respectively. The wind is expected to blow from south-west and east at a speed of 3-6 kmph. Light to moderate rain is likely to occur at most places on 16th to 20th August. A yellow warning regarding occurrence of heavy to very heavy rain/thunderstorm accompanied with lightning / intense to very intense rainspell has been given for isolated places on 16th to 20th 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 0.20-0.40. The extended range forecast shows below normal rainfall, below normal maximum and above normal minimum temperature trend during 16.08.2024 to 23.08.2024.

SMS Advisory:

As per the IMD forecast, light to moderate at most places and heavy rainfall at isolated places has been predicted so the farming practices should be scheduled accordingly.

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Rice	Vegetative	In Jethi rice, remove weeds and after rains when there is optimum soil moisture, go for top dressing of urea @ 1.25 kg per furrow. Proper drainage should be maintained in the field and all the farming activities should be scheduled as per the forecast.
Maize	Vegetative	Do top-dressing of urea when the maize becomes 2 feet tall. In case of fall army worm attack in the plain regions, Chlorantraniliprole 18.5 SC @ 0.4 ml/l of water should be applied. Proper drainage should be maintained and irrigation should be avoided for the time being. All the farming activities like urea application or spray should be scheduled

		accordingly.
Finger millet	Vegetative	Keep monitoring the crops and do weeding as per requirement. After rains under optimum moisture conditions go for top dressing of urea. All the farming activities should be done keeping the forecast in mind.
Soyabean	Germination/ Seedling growth	Regular weeding should be done in the crop and proper drainage should be arranged. In case of crop spoilage, the sowing operations should be scheduled as per the forecast.
Green gram	Germination	Proper drainage should be maintained in the field.

Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
Tomato/Capsicum	Harvesting	Continuous picking of the crops should be done and proper drainage should be maintained in the field.
Cauliflower	Transplanting	The transplantation of early varieties of cabbage, cauliflower, broccoli and knol-khol along with root crops like radish and turnip 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.
French bean/Cowpea	Pod formation	To control the white rotting in French bean/Cowpea, carbendazim 1g/l should be sprayed. The farming operations should be scheduled as per the forecast.

LiveStock Specific Advisory

Livestock	LiveStock Specific Advisory
Cow/Buffalo	Water supplied to livestock should be regularly tested to prevent water-borne diseases. To avoid this use antibacterial drugs like red drug in 1:1000 ratio in stored water. Bleaching powder/chlorine can also be used. To prevent 'footrot' disease, hooves should be dipped in 10% formalin solution or 5% blue solution for 2-3 minutes in the morning and evening for at least 3 days.