



**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: 13.08.2024**

**Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2024-08-13 (Valid Till 08:30 IST of the next 5 days)**

Parameter	14/08/2024	15/08/2024	16/08/2024	17/08/2024	18/08/2024
Rainfall (mm)	50.0	45.0	25.0	40.0	25.0
Max Temp (°C)	21.0	21.0	21.0	21.0	21.0
Min Temp (°C)	16.0	15.0	15.0	15.0	15.0
Max RH I (%)	95	95	90	90	85
Min RH II (%)	70	70	70	65	60
Wind speed (km/h)	10	10	8	8	10
Wind direction	90	90	130	130	130
Cloud cover	7	8	8	8	8

**Weather Summary/ Alert:**

The upcoming week predicts light to moderate rainfall of 25-50 mm and maximum-minimum temperature varying between 21.0°C and 15.0-16.0°C, respectively. The wind is expected to blow from south-east and east at a speed of 8-10 kmph. Light to moderate rain is likely to occur at most places on 13-17th August. A yellow warning regarding occurrence of heavy to very heavy rain/thunderstorm accompanied with lightning / intense to very intense rain spell at isolated places on 13-17th 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, below normal maximum and minimum temperature trend during 09.08.2024 to 15.08.2024.

**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	Germination/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	Germination/ 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	Sowing	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.
Cucurbitaceous	Harvesting	The harvested produce of cucurbitaceous family should be immediately sent to the market and proper drainage should be maintained in the field.
Mango	Sowing	The sowing operation of mango seeds/kernels should be continued in the first fortnight of August. The grafting of one year old seedling plant should be done after transplanting it at some other place. The farming activities 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.