



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: 06.08.2024

Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2024-08-06 (Valid Till 08:30 IST of the next 5 days)

Parameter	07/08/2024	08/08/2024	09/08/2024	10/08/2024	11/08/2024
Rainfall (mm)	60.0	45.0	20.0	30.0	55.0
Max Temp (°C)	20.0	18.0	20.0	21.0	20.0
Min Temp (°C)	15.0	15.0	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)	8	6	6	8	8
Wind direction	130	130	130	130	130
Cloud cover	6	7	6	6	8

Weather Summary/ Alert:

The upcoming week predicts light to heavy rainfall of 20-60 mm and maximum-minimum temperature varying between 18.0-21.0°C and 15.0-16.0°C, respectively. The wind is expected to blow from south-east at a speed of 6-8 kmph. Light to moderate rain likely to occur at most places on 6th, 7th, 9th and 10th August while at many places on 8th August, 2024. An orange alert regarding occurrence of heavy to very heavy rain / thunderstorm accompanied with lightning / intense to very intense rain spell at isolated places is expected on 6th August while a yellow warning has been given for heavy rain / thunderstorm accompanied with lightning / intense to very intense rain spell at isolated places on 7th, 9th & 10th 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, heavy rainfall with lightning/thunderstorm/intense rain spell is expected so proper drainage should be maintained and spraying operations should be delayed for the time being.

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Rice	Vegetative	In the last month sown Jethi rice, remove the weeds. After rains, when there 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	Proper drainage should be maintained in the field and mature crops should be harvested.
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.