



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: 12.09.2023

Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2023-09-12 (Valid Till 08:30 IST of the next 5 days)

Parameter	2023-09-13	2023-09-14	2023-09-15	2023-09-16	2023-09-17
Rainfall (mm)	10.0	35.0	30.0	35.0	20.0
Max Temp (°C)	24.0	22.0	19.0	19.0	20.0
Min Temp (°C)	14.0	14.0	13.0	14.0	15.0
Max RH I (%)	95	95	95	95	95
Min RH II (%)	55	60	75	75	75
Wind speed (km/h)	6	6	4	6	6
Wind direction	70	70	70	70	70
Cloud cover	7	7	8	6	6

Weather Summary/ Alert:

In the coming five days, light to moderate rainfall ranging 10-35 mm is likely to occur upto 17 September. Maximum & minimum temperature may range from 19.0 to 24.0 degree Celsius & 13.0-15.0 degree Celsius, respectively. Wind will blow with a speed of 4-6 km/hr from the East-North-East direction. Light to moderate rain/thunderstorm likely to occur at most places between 12th-16th September. Warning: A yellow alert regarding occurrence of intense shower accompanied by lightning/thunderstorm has been given from 12-16 September.

General Advisory:

The farmers are advised to download "Meghdoot App" to get last week's weather, weather forecast and agrometeorological advice and "Damini App" to get lightning information. Meghdoot and Damini apps can be downloaded from Google Play Store (Android users) and App Center (iOS users). This will help them in taking right decisions regarding farming activities under heavy rainfall conditions.

SMS Advisory:

The previous week observed heavy rainfall and the upcoming five days show drizzle to light shower so proper drainage should be maintained in the field.

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Rice	Maturity/Panicle initiation	Proper drainage should be maintained in the field and any kind of chemical spray should be avoided under rainfall situation. The farming

		activities should be done keeping the forecast in mind.
Finger millet	Maturity/Panicle initiation	Proper drainage should be maintained in the field and any kind of chemical spray should be avoided under rainfall situation. The farming activities should be done keeping the forecast in mind..
Maize	Vegetative	Water stagnation and irrigation application should be avoided. Proper drainage should be maintained in the field..
Green gram	Vegetative/Maturity	The crop in the vegetative stage should be monitored regularly. Weeding Avoid chemical spray and prevent water stagnation in the field. Proper drainage measures should be taken. Harvested pods should be stored well.
Black gram	Vegetative/Maturity	Avoid chemical spray and prevent water stagnation in the field. Proper drainage measures should be taken. Harvested pods should be stored well.
Soyabean	Flowering/pod formation	Avoid chemical spray and prevent water stagnation in the field. Proper drainage measures should be taken.
Pigeon Pea (Red Gram/Arhar)	Vegetative	Avoid chemical spray and prevent water stagnation in the field. Proper drainage measures should be taken.

Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
Radish	Sowing	Sowing of the crop should be refrained under the forecasted weather and proper drainage should be maintained in the already sown crop.
Sem/Bakla	Sowing	Sowing of the crop should be refrained under the forecasted weather and proper drainage should be maintained in the already sown crop.
Chilli	Maturity/Harvesting	The ripe crop should be harvested. Proper drainage should be maintained in the standing crop and any kind of chemical spray should be avoided.
Potato	Sowing	Sowing of the crop should be refrained under the forecasted weather and proper drainage should be maintained in the already sown crop.

Live Stock Specific Advisory

Livestock	Live Stock Specific Advisory
Cow	The milk of female calves should be weaned from the mother only after six months, so that their physical development can take place in a good way.
Goat/Sheep	In rural areas, 2 shots of tetanus toxoid should be administered to sheep and goats at one month and the other at 5 months, so that newborn lambs do not get tetanus disease.