



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



Agromet Advisory Bulletin

Date: 24.09.2024

Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2024-09-24 (Valid Till 08:30 IST of the next 5 days)

Parameter	25/09/2024	26/09/2024	27/09/2024	28/09/2024	29/09/2024
Rainfall (mm)	4	35	40	15	4
Max Temp (°C)	28	27	26	25	24
Min Temp (°C)	18	17	17	16	16
Max RH I (%)	85	95	95	75	75
Min RH II (%)	35	45	45	35	35
Wind speed (km/h)	3	4	3	4	4
Wind direction	340	20	90	140	140
Cloud cover	5	8	8	5	4

Weather Summary/ Alert:

The upcoming week predicts light to moderate rainfall of 4-40 mm from 25-28 September and maximum-minimum temperature varying between 24.0-28.0oC and 16.0-18.0oC, respectively. The wind is expected to blow from north-north-west, east, north-north-east and south-east at a speed of 3-4 kmph. Light to moderate rain is likely to occur at many places on 26 September and at few places on 25, 27 and 28 September. A yellow alert regarding heavy rainfall/thunderstorm accompanied with lightening/ intense to very intense rain spell has been given for isolated places from 26 - 27 September and similar conditions without heavy rainfall might continue at isolated places on 25 & 28 September.

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 large deficient rainfall and normal maximum-minimum temperature trend during 20.09.2024 to 26.09.2024.

SMS Advisory:

As per IMD forecast, rainfall is expected so proper drainage should be maintained in the field and farming operations should be delayed.

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Rice	Panicle initiation/ Maturity	Any kind of spray or other farming operations should be delayed under the current forecasted conditions.
Maize	Vegetative/ Maturity	The spray and irrigation application should be delayed under the current forecasted conditions and early maize varieties should be harvested and stored well.
Finger millet	Maturity/Panicle initiation	Any kind of spray or other farming operations should be delayed under the current forecasted conditions.

Pigeon pea (Arhar/red gram)	Flowering/pod formation	Avoid irrigation and any kind of other farming activities under the forecasted conditions.
Soyabean	Flowering/pod formation	The chemical application under the current forecasted conditions should be avoided.
Green gram/Black gram	Pod development/ Maturity	The farming operations should be delayed under the current forecasted conditions and mature crop should be harvested and dried under shed.

Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
Cauliflower	Seedling growth	Avoid irrigation and chemical application under the forecasted conditions. Provide proper drainage in the field.
Radish	Sowing/germination	Proper drainage should be provided and farming activities should be delayed under the forecasted conditions.
Carrot	Sowing/germination	Proper drainage should be provided and farming activities should be delayed under the forecasted conditions.
Sem/Bakla	Sowing	All the farming activities should be done keeping the forecast in mind.

LiveStock Specific Advisory

Livestock	LiveStock Specific Advisory
Cow	After 15 days calves should be fed with calcium, magnesium, phosphorus, zinc, iron, iodine and copper elements should be consumed in the form of salt mixture or mineral drops.
Buffalo	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.
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.