



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: 13.09.2024

Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2024-09-13 (Valid Till 08:30 IST of the next 5 days)

Parameter	14/09/2024	15/09/2024	16/09/2024	17/09/2024	18/09/2024
Rainfall (mm)	80	40	35	35	35
Max Temp (°C)	17	18	19	20	20
Min Temp (°C)	15	14	15	15	15
Max RH I (%)	90	95	95	95	90
Min RH II (%)	35	35	35	35	35
Wind speed (km/h)	6	6	7	6	5
Wind direction	140	340	320	320	320
Cloud cover	7	7	7	7	7

Weather Summary/ Alert:

The upcoming week predicts light to moderate rainfall of 35-80 mm from 13-17 September and maximum-minimum temperature varying between 17.0-20.0oC and 14.0-15.0oC, respectively. The wind is expected to blow from south-east, north-west and north-north-west at a speed of 5-7 kmph. Light to moderate rain is likely to occur at most places on 13 September and at few places on 14 September. A red warning regarding occurrence of very heavy to extremely heavy rainfall/thunderstorm accompanied with lightening/ very intense to extremely intense rain spell at isolated places has been given for 13 September. A yellow warning regarding occurrence of similar incidences with heavy rainfall has been given for 14 September and for thunderstorm accompanied with lightening/ intense to very intense rain occurrence at isolated places for 15-17 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. excess rainfall and normal maximum-minimum temperature trend during 13.09.2024 to 19.09.2024.

SMS Advisory:

As per the IMD forecast light to moderate rainfall from 13-17 September with red and yellow warning has been given so proper drainage should be maintained and scheduling of disease/pest spray should be done accordingly.

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.
Maize	Vegetative	Water stagnation should be avoided and proper drainage should be maintained in the field.

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.
Pigeon pea (Arhar/red gram)	Vegetative	Avoid chemical spray and prevent water stagnation in the field. Proper drainage measures should be taken.
Soyabean	Flowering/pod formation	Avoid chemical spray and prevent water stagnation in the field. Proper drainage measures should be taken.
Green gram/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.

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.
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.
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.

LiveStock Specific Advisory

Livestock	LiveStock 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. The animals should be protected from intense rain and storm.
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. The animals should be protected from intense rain and storm.
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. The animals should be protected from intense rain and storm.