



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



Agromet Advisory Bulletin

Date:13.09.2024

Weather Forecast of District UDHAMSINGH-NAGAR (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	30	30
Max Temp(°C)	27	28	29	30	30
Min Temp(°C)	24	25	26	27	27
Max RH I (%)	80	83	86	88	82
Min RH II (%)	35	40	40	40	35
Wind speed (km/h)	6	6	7	6	5
Wind direction	140	340	320	320	320
Cloud cover	7	7	7	8	7

Weather Summary/Alert:

Last week (6 to 12 September), the region experienced 112.6 mm rainfall with the maximum-minimum temperature ranging 31.0 to 35.5oC and 23.9 to 26.0oC, respectively. The morning and evening relative humidity varied between 83-93% and 59-78%, respectively while the wind blew from north-east and north-north-east ranging 1.5-5.5 kmph. Most of the days were rainy days last week. The upcoming forecast shows light to moderate rainfall of 30-80 mm from 13-17 September and maximum-minimum temperature are expected to vary as 27.0-30.0oC and 24.0-27.0oC, 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, at few places on 16 September and at isolated places on 14,15 to 17 September. A red warning regarding occurrence of very heavy to extremely heavy rainfall/heavy to very heavy rainfall/thunderstorm accompanied with lightning/very intense to extremely intense rain spell is likely to occur at isolated places on 13 September has been given.

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 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 13-19 September with red alert on 13 September has been given so proper drainage should be maintained and the farming activities should be scheduled accordingly.

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
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Rice	Panicle initiation	Proper drainage should be maintained and all the farming activities should be scheduled as per the forecast.
Sugarcane	Grand growth	Prevent water logging of the fields and proper drainage should be maintained. All the farming activities should be scheduled as per the forecast.
Maize	Vegetative	Proper drainage should be provided in the field and all the farming activities should be scheduled as per the forecast.
Black gram/ green gram	Vegetative	Proper drainage should be provided in the field and any disease/pest spray should be avoided for the time being and scheduled as per the forecast.
Soyabean	Pod development	Proper drainage should be maintained in the field and any disease/pest spray should be avoided for the time being and scheduled as per the forecast.

Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
Cauliflower	Transplanting	Transplanting and other farming operations should be delayed and proper drainage should be provided in the transplanted crop.
Radish	Sowing	The sowing should be delayed under the predicted weather conditions and scheduled accordingly. Proper drainage should be maintained in the already sown crop.
Spinach	Sowing	The sowing should be delayed under the predicted weather conditions and scheduled accordingly. Proper drainage should be maintained in the already sown crop.
Cucurbitaceous crops	Harvesting	The harvested produce should be stored well and any kind of spray should be avoided under the current predicted weather conditions.

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 rainspell and storms.
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 rainspell and storms.
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 rainspell and storms.