



Agromet Advisory Bulletin

Date: 12.09.2023

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

Parameter	13/09/2023	14/09/2023	15/09/2023	16/09/2023	17/09/2023
Rainfall (mm)	8.0	25.0	15.0	10.0	8.0
Max Temp (°C)	34.0	33.0	32.0	33.0	33.0
Min Temp (°C)	25.0	24.0	24.0	24.0	24.0
Max RH I (%)	85	95	95	95	95
Min RH II (%)	55	55	65	55	60
Wind speed (km/h)	5	6	6	8	6
Wind direction	70	70	70	90	70
Cloud cover	6	7	8	7	6

Weather Summary/ Alert:

In the last seven days (September 5-11), 192.6 mm of rainfall was recorded and the maximum and minimum temperature ranged between 25.0 to 36.0 °C and 23.3 to 26.7 °C. The sky remained cloudy during the last week. The morning relative humidity ranged between 86 to 96% at 0712 hrs and the evening relative humidity ranged between 53 to 96% at 1412 hrs. The wind speed was 0.1 to 4.3 kmph and the wind direction was mostly towards East-North-East. The forecast for the upcoming five days shows drizzle to light shower ranging 8-25 mm with maximum and minimum temperature ranging 32 to 34 degree celsius and 24-25 degree celsius. The wind speed ranged 6-8 km per hour and direction was mostly east and east-north-east. Light to moderate rain/thunderstorm likely to occur at most places on 13th and 14th September & at a few places on 12th September. Light to moderate rain/thunderstorm likely to occur at a few places in Udham Singh Nagar district on 15th and 16th September and at many places. Warning: A yellow warning regarding likely occurrence of heavy rainfall accompanied by lightning/thunderstorm at isolated places of the district has been given.

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	Panicle initiation	The rice is undergoing panicle formation stage so 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.
Sugarcane	Grand growth phase	Water stagnation and irrigation application should be avoided. Proper drainage should be maintained in the field.
Maize	Vegetative/Reproductive	Water stagnation and irrigation application should be avoided. Proper drainage should be maintained in the field.
Green gram	Vegetative/pod filling	Avoid chemical spray and prevent water stagnation in the field. Proper drainage measures should be taken.
Black gram	Vegetative/pod filling	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.

Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
Pumpkin	Harvesting/maturity	The ripe cucurbitaceous crops should be harvested and stored well. Proper drainage should be maintained in the standing crop.
Radish	Sowing	Sowing of the crop should be refrained under the forecasted weather and proper drainage should be maintained in the already sown crop.
Spinach	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.

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.