



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
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Agromet Advisory Bulletin

Date: 11.10.2024

Weather Forecast of District UDHAMSINGH-NAGAR (Uttarakhand) Issued On: 2024-10-11 (Valid Till 08:30 IST of the next 5 days)

Parameter	12/10/2024	13/10/2024	14/10/2024	15/10/2024	16/10/2024
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Max Temp(°C)	33.0	33.0	32.0	32.0	31.0
Min Temp(°C)	18.0	18.0	17.0	17.0	16.0
Max RH I (%)	75	75	75	75	75
Min RH II (%)	35	35	35	35	35
Wind speed (km/h)	7	6	5	4	4
Wind direction	320	320	320	320	320
Cloud cover	0	0	0	0	0

Weather Summary/Alert:

Last week (4 to 10 October), the region experienced no rainfall with the maximum-minimum temperature ranging 32.5 to 33.9°C and 20.9 to 23.4°C, respectively. The morning and evening relative humidity varied between 80-94% and 51-63%, respectively while the wind blew from west, west-north-west, north-west, south-east-south, ranging 0.8-2.6 kmph. Most of the days were clear last week. The upcoming forecast shows no rainfall from 11-15 October and maximum-minimum temperature are expected to vary as 31.0-33.0°C and 16.0-18.0°C, respectively. The wind is expected to blow from north-west at a speed of 4-7 kmph. Dry weather likely to prevail from 11 to 15 October.

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 0.35-0.60. The extended range forecast shows large deficient rainfall and normal maximum-minimum temperature trend during 11.10.2024 to 17.10.2024.

SMS Advisory:

As per the IMD forecast, clear weather is expected in the upcoming week so irrigation should be supplied as per requirement and recommended farming practices should be followed.

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Rice	Grain filling/Maturity	In late maturing varieties, during grain filling stage apply irrigation and spray chemical against pest/disease accordingly.
Sugarcane	Maturity/Sowing	Regularly watch for whip smut attack in the standing crop and apply irrigation which helps in increasing the weight of the cane.

		The autumn sowing should be completed till mid October and treated canes, resistant against major diseases should be used for sowing.
Maize	Maturity/Harvesting	Avoid bird attacks by appropriate farming measures in mature cobs and harvest when the cobs are covered with golden yellow leaves.
Green gram Black gram Soyabean	pod formation/Maturity	The maturing pulse crop should be harvested accordingly and kept for drying. The crop should be dried for 2-3 days and then threshed and stored.
Pigeon pea/red gram (arhar)	Flower/ pod formation	Provide light irrigation during pod formation and keep monitoring for pests/diseases. On the presence of yellow mosaic virus transmitted by whitefly, pyriproxyfen 10 E.C. @0.5 litre/hectare mixed in 500-600 liters of water should be applied regularly at an interval of 10-12 days. Farmers should use varieties resistant to yellow mosaic virus.
Groundnut	Pegging/ maturity	On pegging or pod formation sufficient soil moisture should be maintained by irrigating as and when required. The timely sown crop should be dug and stored after drying.
Sesame (Gingelly/Till)	Vegetative	Phyllody is caused by phytoplasm that changes the shape of plants, flowers and leaves to bunch and is spread by plant hopper. This can be prevented by timely sowing of crop, application of Methyl-o-Dematon 25 E.C. @1.0 l/ha at an interval of 10-15 days and burning of the affected plants.
Rapeseed (Lahi) and Mustard/Rai	Sowing	The rapeseed should be sown till first week of October while yellow sarson/rai should be sown till first fortnight of October.
Barseem	Sowing	Sowing should be done in the first fortnight of October. Varieties like UPB-110, maskavi, pusa jayant, bardaan should be selected for higher fodder production and seed should be rhizobium treated before sowing.

Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
Cauliflower	Maturity/Vegetative	The early varieties should be harvested and sent to the market for consumption. Regular practices like weeding, hoeing and irrigation application should be monitored.
Radish/Carrot/Beetroot	Sowing/germination	The soil moisture should be maintained in the field and regular weeding and thinning of the crop should be done.
Spinach/Fenugreek	Sowing/germination	This is the best sowing time for leafy vegetable purpose. 3-4 irrigations are must for entire crop season and soil moisture should be maintained during the period.

Live Stock Specific Advisory

Livestock	Live Stock Specific Advisory
Buffalo/Cows	Before breeding, cows/buffaloes should be given vaccines of Vibriosis-L-5, IVR, BVD, parainfluenza etc. jointly or separately.