



Agromet Advisory Bulletin

Date: 03.05.2024

Weather Forecast of District UDHAMSINGH-NAGAR (Uttarakhand) Issued On: 2024-05-03 (Valid Till 08:30 IST of the next 5 days)

Parameter	04/05/2024	05/05/2024	06/05/2024	07/05/2024	08/05/2024
Rainfall(mm)	0.0	0.0	0.0	0.0	1.0
Max Temp(°C)	37.0	37.0	38.0	38.0	38.0
Min Temp(°C)	17.0	17.0	18.0	18.0	18.0
Max RH I (%)	65	65	70	70	75
Min RH II (%)	30	30	30	30	30
Wind speed (km/h)	10	14	12	12	16
Wind direction	320	320	130	130	130
Cloud cover	6	1	0	2	1

Weather Summary/Alert:

Last week (26 April to 2 May) no rainfall was recorded and the maximum-minimum temperature varied between 35.1 to 40.5 and 14.4 to 22.9, respectively. The morning and evening relative humidity ranged between 51-77% and 11-19%, respectively while the wind blew from west, west-north-west and north-west at a speed varying between 4.0-6.7 kmph. Weather was clear on most of the days last week with cold nights and hot days. The upcoming forecast shows no significant rainfall prediction with light rainfall of 1 mm on 7 and maximum-minimum temperature are expected to vary between 37.0-38.0°C and 17.0-18.0°C, respectively. The wind is expected to blow from south-east and north-west direction at a speed of 10-16 kmph. Dry windy weather is likely to remain during the upcoming week.

General Advisory:

Farmers can download the "Meghdoot" and "Damini" app available for regular update of meteorological and lightning data, respectively from Google Play Store (Android users) and App Centre (iOS users). The NDVI shows moderate agricultural vigour in the region. The extended range forecast shows normal rainfall and below normal maximum-minimum temperature trend during 03.05.2024 to 09.05.2024. Green manuring should be done after harvesting wheat and other crops which can be done by sowing dhaincha @50-60 kg/ha and sunai @80-90 kg/ha as per the soil. Deep ploughing of the fields should be done after harvesting of rabi crops so that insect eggs and weeds are destroyed. The dried produce should be threshed and stored well. Dry conditions are expected to prevail so irrigation measures should be taken.

SMS Advisory:

As per the forecast by IMD, the weather is expected to remain dry so irrigation application should be done to maintain moisture in the crop fields.

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Sunflower	Flowering	The crop should be regularly irrigated as per requirement at flowering/seed formation and regular weeding-hoeing should be done.
Daincha	Sowing	Green manuring should be done and daincha/sunai should be sown in the fields after rabi crop harvesting.
Sugarcane	Vegetative	Regular irrigation application along with hoeing-weeding should be done
Fodder sorghum	Sowing	Sowing of fodder sorghum can be done and irrigation should be applied after sowing
Fodder maize	Vegetative	Irrigation should be applied and top-dressing of urea should be done at 3-4 days interval after irrigation.

Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
Ginger	Sowing	Pre-sowing irrigation should be given in the field and ginger sowing should be done.
Cowpea	Sowing	High yielding varieties of cowpea should be sown.
Colocasia/taro	Sowing	Sowing of early varieties can be done.
Pumpkin	Vegetative/fruiting	On the occurrence of leaf spot disease in cucurbitaceous (pumpkin class vegetables) crop, solution of mancozeb @ 2.5 g/lit of water should be sprayed.
Brinjal	Vegetative	Light irrigation, weeding and hoeing should be done in the crop.
Ladyfinger	Vegetative	Apply irrigation as and when required.

Live Stock Specific Advisory

Livestock	Live Stock Specific Advisory
Cow/Buffalo	The animals should be kept in well ventilated places and should be continuously supplied with sufficient water. Proper fans and coolers should be arranged and the animals should be regularly washed with cold water to keep them calm. Animals of two months of age should be given an anthelmintic medicine called Piperazine and animals of two to four months of age should be vaccinated against lameness and fever.

Others (Soil/Land Preparation)

Others (Soil/Land Preparation)	Others (Soil/Land Preparation) Specific Advisory
General Advice	After harvesting the rabi crops, the fields should be cleaned well, ploughed deep to expose the harmful insects, their stages and harmful weeds for destruction.