



Agromet Advisory Bulletin

Date: 30.04.2024

Weather Forecast of District UDHAMSINGH-NAGAR (Uttarakhand) Issued On: 2024-04-30 (Valid Till 08:30 IST of the next 5 days)

Parameter	01/05/2024	02/05/2024	03/05/2024	04/05/2024	05/05/2024
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Max Temp(°C)	38.0	37.0	37.0	37.0	38.0
Min Temp(°C)	18.0	18.0	18.0	19.0	20.0
Max RH I (%)	65	65	65	65	65
Min RH II (%)	30	30	30	30	30
Wind speed (km/h)	14	10	8	10	12
Wind direction	270	270	270	270	270
Cloud cover	0	0	1	7	3

Weather Summary/Alert:

Last week (23 to 29 April) no rainfall was recorded and the maximum-minimum temperature varied between 37.2 to 40.5 and 16.2 to 22.9, respectively. The morning and evening relative humidity ranged between 51-77% and 12-19%, respectively while the wind blew from west, west-north-west and west-south-west at a speed varying between 2.8-8.3 kmph. Weather was clear last week with few clouds seen during windy days. The upcoming forecast shows no rainfall prediction and the maximum-minimum temperature are expected to vary between 37.0-38.0°C and 18.0-20.0°C, respectively. The wind is expected to blow from west direction at a speed of 8-14 kmph. Dry 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 excess rainfall, below normal maximum and normal minimum temperature trend during 26.04.2024 to 02.05.2024. 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. As the predicted conditions are dry so appropriate irrigation application should be given regularly.

SMS Advisory:

As per IMD forecast, dry weather is expected to prevail so irrigation application should be done as and when required to maintain moisture in the crop field.

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.
Dhaincha	Sowing	Green manuring should be done and dhaincha/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	HorticultureSpecificAdvisory
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 during the end of the month.
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	LiveStockSpecificAdvisory
Cow/Buffalo	If symptoms of mastitis are seen in dairy cattle, treat it immediately. Due attention should be given to arrangements for provision of water to animals. The drinking troughs should be kept clean and animals should be provided water at least four times during the day. To avoid heat waves provide proper ventilation.

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.