



Agromet Advisory Bulletin

Date: 26.04.2024

Weather Forecast of District UDHAMSINGH-NAGAR (Uttarakhand) Issued On: 2024-04-26 (Valid Till 08:30 IST of the next 5 days)

Parameter	27/04/2024	28/04/2024	29/04/2024	30/04/2024	01/05/2024
Rainfall(mm)	0.0	1.0	0.0	0.0	0.0
Max Temp(°C)	37.0	36.0	37.0	37.0	37.0
Min Temp(°C)	17.0	16.0	17.0	17.0	17.0
Max RH I (%)	65	65	65	65	65
Min RH II (%)	30	30	30	30	30
Wind speed (km/h)	12	12	10	12	12
Wind direction	270	270	270	270	270
Cloud cover	2	2	3	1	1

Weather Summary/Alert:

During last week (19 to 25 April) no rainfall was recorded and the maximum-minimum temperature ranged between 37.2 to 39.0°C and 17.1 to 20.1°C, respectively. The morning and evening relative humidity ranged between 54-65% and 12-19%, respectively. The wind blew from west and west-north-west at a speed ranging 1.9-9.2 kmph. Weather was mostly clear during past week. The upcoming week is expected to receive very light rainfall of 1 mm with maximum-minimum temperature ranging 36.0-37.0°C and 16.0-17.0°C, respectively. The wind is expected to blow from west at a speed of 10-12 kmph. Very light to light rainfall is likely to occur at isolated places in Udham Singh Nagar on 27th April, 2024. Dry weather likely to prevail during rest of the period. A yellow warning regarding expected occurrence of thunderstorm with lightening and gusty wind (30-40 kmph) at isolated places on 27th April, 2024 has been given and such conditions may continue on 30th April, 2024. A yellow alert regarding occurrence of gusty wind (30-40 kmph) at isolated places in U.S. Nagar has been given for 26th, 28th & 29th April, 2024.

General Advisory:

A regular update regarding weather forecast and agrometeorological advisory is available on the "Meghdoot App" while "Damini App" is also available to get lightning information. Meghdoot and Damini apps can be downloaded from Google Play Store (Android users) and App Center (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.

SMS Advisory:

As per the forecast by IMD, a yellow alert regarding gusty winds (30-40 kmph) has been given so harvested produce should be stored well and irrigation should be avoided in standing crops.

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Sunflower	Flowering	Irrigate the crop as required and regular weeding-hoeing should be done. At the time of hoeing, 10-15 cm soil should be added to the plant roots.
Wheat	Harvesting	Harvesting of wheat crop should be completed and the harvested produce should be dried properly before storage.
Sugarcane	Sowing	After wheat harvesting, late sugarcane crops could be sown and upper 1/3rd to 1/2nd part should be treated with Carbendazim @ 1g/l of water before sowing.
Fodder sorghum	Sowing	Fodder sorghum can be sown during the second fortnight of this month.
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
Mango	-	The blossom affected by gumma disease should be plucked and removed. Irrigation should be started when the fruit of mango gain the size like pea. Basin should be prepared and 2-3 irrigation should be given at an interval of 10-15 days. All the farming activities should be scheduled as per the forecast.
Cowpea	Sowing	High yielding varieties of cowpea should be sown during the end of the month.
Ginger	Sowing	Pre-sowing irrigation should be given in the field and ginger sowing should be done.
Colocasia/taro	Sowing	Sowing of early varieties can be done this month.
Pumpkin	Vegetative/fruitletting	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.

Live Stock Specific Advisory

Livestock	Live Stock Specific Advisory
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.