



Agromet Advisory Bulletin

Date: 23.04.2024

Weather Forecast of District UDHAMSINGH-NAGAR (Uttarakhand) Issued On: 2024-04-23 (Valid Till 08:30 IST of the next 5 days)

Parameter	24/04/2024	25/04/2024	26/04/2024	27/04/2024	28/04/2024
Rainfall(mm)	0	0	0	0	0
Max Temp(°C)	36	36	37	37	37
Min Temp(°C)	16	17	17	17	18
Max RH I (%)	65	65	65	65	65
Min RH II (%)	30	30	30	30	30
Wind speed (km/h)	12	16	18	12	12
Wind direction	270	270	130	130	130
Cloud cover	4	4	5	4	1

Weather Summary/Alert:

During last week (16 to 22 April) no rainfall was recorded and the maximum-minimum temperature ranged between 36.0 to 39.0oC and 17.5 to 20.1oC, respectively. The morning and evening relative humidity ranged between 46-68% and 15-24%, respectively. The wind blew from west and west-south-west at a speed ranging 2.6-9.2 kmph. Strong dusty winds were experienced on few days last week with clear weather on other days. The upcoming week is expected to receive no rainfall of with maximum-minimum temperature ranging 36.0-37.0oC and 16.0-18.0oC, respectively. The wind is expected to blow from west and south-east direction at a speed of 12-18 kmph. Dry weather is expected to prevail in the region. A yellow warning regarding occurrence of thunderstorm with lightning and gusty wind (30-40 kmph) is likely to occur at isolated places on 27 April.

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 deficient rainfall and normal maximum-minimum trend during 19.04.2024 to 25.04.2024. The weather is predicted to be dry so irrigation should be applied in the required agricultural fields. Wheat crop should be harvested and threshed for further usage.

SMS Advisory:

As per the India Meteorological Department, the weather is expected to remain dry on most of the days so appropriate irrigation measures should be taken and wheat harvesting and threshing should be completed.

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 and the sowing operations should be scheduled as per the forecasted conditions.
Fodder maize	Vegetative	Irrigation should be applied and top-dressing of urea should be done at 3-4 days interval after irrigation.
Ginger	Sowing	Pre-sowing irrigation should be given in the field and ginger sowing should be done.

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.
Colocasia/taro	Sowing	Sowing of early varieties can be done this month but the sowing operation should be scheduled as per the forecast.
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.

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.