



Agromet Advisory Bulletin

Date: 12.04.2024

Weather Forecast of District UDHAMSINGH-NAGAR (Uttarakhand) Issued On: 2024-04-12 (Valid Till 08:30 IST of the next 5 days)

Parameter	13/04/2024	14/04/2024	15/04/2024	16/04/2024	17/04/2024
Rainfall(mm)	0	0	3	1	0
Max Temp(°C)	36	36	32	33	35
Min Temp(°C)	17	17	15	15	16
Max RH I (%)	65	65	75	70	70
Min RH II (%)	30	30	30	30	30
Wind speed (km/h)	11	10	10	12	14
Wind direction	130	130	130	130	130
Cloud cover	4	1	1	3	8

Weather Summary/Alert:

During last week (5 to 11 April) no rainfall was recorded and the maximum-minimum temperature ranged between 34.5 to 37.0°C and 11.5 to 15.9°C, respectively. The morning and evening relative humidity ranged between 49-78% and 14-18%, respectively. The wind blew from south-west, west and west-north-west at a speed ranging 0.7-4.2 kmph. The weather was windy with few partially cloudy days during last week. The upcoming week is expected to receive light to very light rainfall of 1-3 mm with maximum-minimum temperature ranging 33.0-36.0°C and 15.0-17.0°C, respectively. The wind is expected to blow from south-east direction at a speed of 10-14 kmph. Very light to light rainfall is likely to occur at a few isolated places on 14th and 15th April. Dry weather is likely to prevail during rest of the period. An orange warning alert regarding occurrence of thunderstorm with lightning/hailstorm and gusty winds (40-50 kmph) is expected to occur at isolated places on 14th April while a yellow alert regarding similar conditions with gusty wind (30-40 kmph) is expected at isolated places on 13th and 15th 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 composite shows good agricultural vigour in the region. The extended range forecast system shows that the predicted trend from 12 April-18 April would observe large excess rainfall and below normal maximum-minimum temperature trend. Irrigation application and other farming operations should be scheduled as per the forecast and harvested produce should be stored well if left open in field.

SMS Advisory:

As per the forecast by India Meteorological Department, the farming operations should be scheduled carefully and the harvested produce should be stored well.

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Chickpea/Lentil/ Field pea/ Mustard	Physiological maturity	Harvesting of mature pods should be done and the harvested produce in open field should be protected from adverse conditions like rainfall, thunderstorm/hailstorm.
Urd/moong (Black gram/Green gram)	Sowing	The sowing of crop should be scheduled as per the forecast or delayed for the time being.
Wheat	Harvesting	As per the predicted weather conditions, irrigation should not be applied to the mature crop as it would lead to lodging and harvesting operations should be carried out.
Sugarcane	Vegetative	Irrigation application and other farming activities should be scheduled as per the forecast.

Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
Mango	-	All the chemical applications should be scheduled as per the forecast.
Papaya	-	Nursery sowing can be delayed for the time being.
Tomato/chilli/brinjal	Transplanting	Transplanting should be delayed for the time being and the small seedlings should be protected well from adverse conditions.

Live Stock Specific Advisory

Livestock	Live Stock Specific Advisory
Cow/Buffalo	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.

Poultry Specific Advisory

Poultry	Poultry Specific Advisory
Hen	For obtaining the high production from poultry birds, temperature of their dwelling place should be maintained. Balanced diet, fresh and neat water should be given to them.