



Agromet Advisory Bulletin

Date: 15.03.2024

Weather Forecast of District UDHAMSINGH-NAGAR (Uttarakhand) Issued On: 2024-03-15 (Valid Till 08:30 IST of the next 5 days)

Parameter	16/03/2024	17/03/2024	18/03/2024	19/03/2024	20/03/2024
Rainfall (mm)	0.0	0.0	0.0	0.0	0.0
Max Temp (°C)	31.0	31.0	31.0	31.0	31.0
Min Temp (°C)	11.0	11.0	11.0	12.0	12.0
Max RHI (%)	65	65	65	65	65
Min RHII (%)	30	30	30	30	30
Wind speed (km/h)	8	9	8	8	8
Wind direction	270	270	270	270	270
Cloud cover	1	2	2	3	3

Weather Summary/Alert:

During the last seven days (8 to 14 March) 0.0 mm rainfall was observed while the maximum and minimum temperature was found to be between 25.0-29.2 and 7.9-14.9°C, respectively. Light clouds were observed on few days while the weather remained clear during rest of the days. The morning and evening relative humidity varied between 69-95% and 25-51%, respectively. The wind speed mostly ranged between 1.3-4.9 kmph blowing primarily from the west, west-north-west and south-west direction. The upcoming 5 day forecast shows no rainfall with maximum and minimum temperature 31.0°C and 11-12°C. The wind speed is expected to be 8-9 kmph from west direction. The weather is expected to be dry on most of the days so irrigation at critical stages should be scheduled accordingly. Pest/disease control should also be followed in the concerned crops.

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 moderate agricultural vigour in the region. The realized rainfall map for subdivisional rainfall pattern in India shows large deficit during 7-13 March while the extended range forecast system shows that the predicted trend from 15-21 March would observe large deficit rainfall, below normal maximum and appreciably below normal minimum temperature trend. The weather is expected to remain dry so appropriate irrigation measures and chemical application as required at critical stages of crop should be provided. The sowing should be completed under the current predicted weather conditions.

SMS Advisory:

As per the forecast received from India Meteorological Department, the weather is expected to remain dry so the agricultural operations can be scheduled accordingly.

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Chickpea/Lentil	Pod formation	Regular monitoring of the crop is important and chemical application against pest like pod borer should be done while irrigation should be regularly monitored at pod formation stage.

Urd/moong	Sowing	High yielding properly seed treated varieties should be sown.
Rai	Physiological maturity	Harvesting of mature pods should be done and pods should be dried well before threshing.
Wheat	Flowering/panicle initiation	Irrigation application should be done as per requirement and chemical application against weeds, disease/pests should be done.
Sugarcane	Sowing/vegetative	Irrigation application and regular weeding-hoeing should be carried out as per requirement in autumn planted sugarcane.
Cluster bean	Sowing	Sowing of recommended varieties should be done.

Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
French bean	Seedling	Irrigation should applied to the young seedlings.
Taro	Sowing	Sowing of early varieties can be done in the plains.
Radish/carrot	Sowing	Sowing of European varieties can be taken up.
Vegetable pea	Pod formation	Regular monitoring of the crop is important and chemical application against pest like pod borer should be done while irrigation should be regularly monitored at pod formation stage.

Live Stock Specific Advisory

Livestock	Live Stock Specific Advisory
Cow/Buffalo	In case of infectious diarrhoea in cows/buffaloes, oral E. coli vaccine should be administered and anthelmintic drugs should be given to 2 month old calves.
Sheep	For wool production, clean the sheep/goats properly before shaving the wool.