



Agromet Advisory Bulletin

Date: 19.03.2024

Weather Forecast of District UDHAMSINGH-NAGAR (Uttarakhand) Issued On: 2024-03-19 (Valid Till 08:30 IST of the next 5 days)

Parameter	20/03/2024	21/03/2024	22/03/2024	23/03/2024	24/03/2024
Rainfall (mm)	0.0	0.0	0.0	0.0	0.0
Max Temp (°C)	30.0	31.0	30.0	31.0	32.0
Min Temp (°C)	10.0	10.0	11.0	12.0	13.0
Max RHI (%)	70	65	65	65	65
Min RHII (%)	30	30	30	30	30
Wind speed (km/h)	10	12	12	8	10
Wind direction	270	270	270	230	230
Cloud cover	2	2	3	1	5

Weather Summary/Alert:

During last week (12 to 18 March) no rainfall was recorded and the maximum-minimum temperature ranged between 28.5 to 30.0°C and 9.4 to 13.4°C, respectively. The morning and evening relative humidity ranged between 69-93% and 25-37%, respectively. The wind blew from west, west-north-west, west-south-west and south-south-west at a speed ranging 0.6-6.1 kmph. The weather remained clear on most of the days last week. The upcoming 5 day forecast indicates no rainfall with maximum-minimum temperature ranging between 30-32°C and 10-13°C, respectively. The wind is expected to blow from west and south-west direction at a speed of 8-12 kmph. Dry weather is likely to prevail in the region.

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 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:

The India Meteorological Department has issued forecast for dry weather so irrigation and chemical application should be followed as per required at sensitive crop stages.

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Chickpea/Lentil	Pod formation	Irrigation should be applied as required and regular disease/pest monitoring should be done. Pod borer and blight disease can be controlled by using recommended practices. In gram as the leaves turn yellow harvesting of pods can be done.

Urd/moong (Black gram/Green gram)	Sowing	The sowing should be done with recommended and treated seed varieties. They can also be intercropped with spring sugarcane.
Mustard	Physiological maturity	Harvesting of mature pods should be done and pods should be dried well before threshing.
Wheat	Panicle initiation	Irrigation should be applied. The weeds particularly Phalaris minor and wild oat should be destroyed to avoid yield loss. Occurrence of yellow and brown rust should be controlled and in case of aphid attack, the recommended insecticide should be sprayed.
Sugarcane	Vegetative	Irrigation application and regular weeding-hoeing should be carried out as per requirement in autumn planted sugarcane. Top-dressing of urea should be done after irrigation.
Cluster bean	Sowing	Sowing of recommended varieties should be done.
Field pea	Physiological maturity	Irrigation should be applied as required and regular disease/pest monitoring should be done. Pod borer can be controlled by using recommended practices. Pick up the mature pods.

Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
French bean	Seedling	Irrigation should be 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.
Mango		On the occurrence of Gumba or Mango malformation, cut the affected part and put them covered with soil in the pit.

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.