



## Agromet Advisory Bulletin

**Date: 22.03.2024**

**Weather Forecast of District UDHAMSINGH-NAGAR (Uttarakhand) Issued On: 2024-03-22 (Valid Till 08:30 IST of the next 5 days)**

Parameter	23/03/2024	24/03/2024	25/03/2024	26/03/2024	27/03/2024
Rainfall (mm)	0.0	0.0	0.0	0.0	0.0
Max Temp (°C)	32.0	33.0	34.0	33.0	34.0
Min Temp (°C)	15.0	16.0	17.0	18.0	18.0
Max RHI (%)	75	75	75	75	75
Min RHII (%)	45	45	45	45	45
Wind speed (km/h)	4	3	3	3	3
Wind direction	140	140	140	140	140
Cloud cover	0	0	0	0	0

### Weather Summary/Alert:

During last week (15 to 21 March) no rainfall was recorded and the maximum-minimum temperature ranged between 28.5 to 30.5°C and 10.1 to 13.5°C, respectively. The morning and evening relative humidity ranged between 78-93% and 29-51%, respectively. The wind blew from west-south-west, west, south-west, west-north-west and south-east at a speed ranging 0.6-7.9 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 22-28 March would observe large deficit rainfall and normal maximum-minimum temperature trend. Appropriate irrigation measures and chemical application as required at critical stages of crop should be provided. The orchards should not be ploughed at flowering time and irrigation application should be done as required. Insecticide application should be avoided at flowering time as it would harm the pollinators. The sowing should be completed under the current predicted weather conditions.

### SMS Advisory:

The weather as predicted by India Meteorological Department is expected to remain dry so irrigation application should be done as per the crop stages.

### Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Chickpea/Lentil	Maturity/ Pod formation	Pod borer and blight disease should be controlled 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. Store the dried and threshed pods.
Wheat	Grain filling	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.
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/flowering	Irrigation should be applied as required and regular hoeing-weeding should be done.
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.