



## Agromet Advisory Bulletin

**Date: 23.02.2024**

**Weather Forecast of District UDHAM SINGH-NAGAR (Uttarakhand) Issued On: 2024-02-23 (Valid Till 08:30 IST of the next 5 days)**

Parameter	24/02/2024	25/02/2024	26/02/2024	27/02/2024	28/02/2024
Rainfall (mm)	0.0	0.0	0.0	0.0	0.0
Max Temp (°C)	25.0	25.0	26.0	25.0	25.0
Min Temp (°C)	5.0	6.0	7.0	8.0	7.0
Max RHI (%)	65	65	70	70	75
Min RHII (%)	30	30	30	30	30
Wind speed (km/h)	8	9	8	8	9
Wind direction	320	320	230	230	230
Cloud cover	1	1	5	8	3

### Weather Summary/Alert:

Last seven days (16 to 22 February) observed 2.6 mm rainfall with maximum and minimum temperature varying between 24.0-27.0 and 6.9-14.9 °C, respectively. The weather was observed to be clear on most of the days during last week. The morning and evening relative humidity varied between 81-94% and 22-50%, respectively. The wind speed mostly ranged between 2.1-9.2 kmph blowing primarily from the west-south-west, south-south-west, east, east-south-east, west-north-west and west-south-west direction. The upcoming 5 day forecast shows no rainfall with maximum and minimum temperature varying between 25.0-26.0°C and 5-8°C. The wind speed is expected to be 8-9 kmph from south-west and north-west direction. The weather may remain dry during the upcoming days.

### 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 the observed deviation in rainfall during last week by 39% and the predicted trend from 23-29 February shows normal rainfall and below normal maximum-minimum temperature trend. Irrigation application and chemical application operations should be taken up as dry weather has been predicted.

### SMS Advisory:

The weather is expected to remain dry in the upcoming months so irrigation should be applied during critical stages in the crops. Appropriate chemical applications should also be taken care of.

### Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Chickpea/Lentil	vegetative/flowering	The crop is in flowering stage so adequate irrigation requirement of the crop should be fulfilled. On monitoring any disease or pest occurrence can be controlled with adequate biological or chemical spray.
Rai	pod initiation	As the pod initiation and pod filling stage is occurring, irrigation should be applied and appropriate fungicide application should be done against major diseases of the brassica species.
Wheat	Vegetative	The crop should be irrigated and recommended practices for disease/pest occurrence should be followed.
Barley	Vegetative	The crop should be irrigated and recommended practices for disease/pest

		occurrence should be followed.
Fodder crops	Vegetative	The crops should be cut at appropriate time and irrigation should be applied after every cut.
Sugarcane	Sowing	Sowing of spring sugarcane can be taken up and certified seeds should be used. The sowing operations should be taken up as per recommended varieties, seed amount, sowing method, fertilizer and weedicide application.
Fodder maize	Sowing	Sowing should be done.

### Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
Tomato/chilli	Fruit formation/maturity	Harvest the mature fruits and apply irrigation.
Brinjal	Transplanting	Transplant the seedlings and apply irrigation as per requirement.
French bean	Sowing	Sowing should be done.
Lemon		Proper nutrition and irrigation should be given to the citrus plants to prevent flower drop.

### Live Stock Specific Advisory

Livestock	LiveStock Specific Advisory
Cow/Buffalo	Take measures to control lice/lice, colonies and flies in animals. For adequate availability of green fodder, sow jowar, maize, etc.
Sheep	Provide additional balanced diet to female and male sheep used for breeding.
Sheep/goats	Get sheep/goats vaccinated to protect them against smallpox.