



Agromet Advisory Bulletin

Date: 07.03.2024

Weather Forecast of District UDHAMSINGH-NAGAR (Uttarakhand) Issued On: 2024-03-07 (Valid Till 08:30 IST of the next 5 days)

Parameter	08/03/2024	09/03/2024	10/03/2024	11/03/2024	12/03/2024
Rainfall (mm)	0.0	0.0	0.0	0.0	0.0
Max Temp (°C)	25.0	25.0	25.0	26.0	26.0
Min Temp (°C)	10.0	10.0	10.0	11.0	11.0
Max RHI (%)	85	85	80	80	80
Min RHII (%)	30	30	30	30	30
Wind speed (km/h)	8	10	8	6	8
Wind direction	330	310	270	270	270
Cloud cover	1	1	2	6	3

Weather Summary/Alert:

During the last seven days (29 February to 6 March) 60.0 mm rainfall was observed while the maximum and minimum temperature was found to be between 19.5-27.0 and 7.6-15.4 oC, respectively. The weather was observed to be cloudy on few days while clear on other days during last week. The morning and evening relative humidity varied between 87-95% and 46-84%, respectively. The wind speed mostly ranged between 2.2-8.2 kmph blowing primarily from the north-west, west, west-north-west, west-south-west, east-south-east and north-north-west direction. The upcoming 5 day forecast shows no rainfall with maximum and minimum temperature varying between 25.0-26.0oC and 10-11oC. The wind speed is expected to be 8-10 kmph from north-west-north, north-west and west direction. The weather is expected to be dry with few clouds on some 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 issued by IMD shows that the predicted trend from 01-07 March would observe normal rainfall and below normal maximum-minimum temperature trend. The weather is expected to remain dry so appropriate irrigation measures as required at critical stages of crop should be provided.

SMS Advisory:

As per the IMD forecast, the region is expected to experience dry conditions so appropriate measures of irrigation and chemical application should be taken at critical stages of the crops.

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Chickpea/Lentil	Flowering/pod formation	Regular monitoring of the crop is important and chemical application against pesticide/disease should be done while irrigation should be applied at pod initiation stage.
Rai	pod	Irrigation should be applied at pod formation stage and chemical application should be done against pest/diseases particularly for pod

	formation/maturity	borer. Harvesting of mature pods should be done and they 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 scheduled.
Sugarcane	Sowing/vegetative	Spring sugarcane planting should be done with well treated and resistant varieties of ratoons or seeds and irrigation application as per requirement should be done in autumn planted sugarcane.
Fodder maize	Sowing	Sowing of recommended fodder maize varieties should be done.
Cluster bean	Sowing	Sowing of recommended varieties should be done.

Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
Tomato/chilli	Fruit formation/maturity	Harvest mature crop and apply irrigation to the flowering/fruited plants.
French bean	Sowing	Sowing of french bean should be done and irrigation should be applied to the young seedlings.
Vegetable pea	Flowering/pod formation	Regular monitoring of the crop is important and chemical application against pesticide/disease should be done while irrigation should be applied at pod initiation stage.

Live Stock Specific Advisory

Livestock	Live Stock 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.