



Agromet Advisory Bulletin

Date: 27.02.2024

Weather Forecast of District UDHAM SINGH-NAGAR (Uttarakhand) Issued On: 2024-02-27 (Valid Till 08:30 IST of the next 5 days)

Parameter	28/02/2024	29/02/2024	01/03/2024	02/03/2024	03/03/2024
Rainfall (mm)	3.0	0.0	0.0	5.0	25.0
Max Temp (°C)	23.0	25.0	26.0	25.0	25.0
Min Temp (°C)	6.0	7.0	10.0	11.0	9.0
Max RHI (%)	70	70	70	75	80
Min RHI (%)	30	30	30	30	40
Wind speed (km/h)	8	12	8	10	14
Wind direction	340	320	110	110	110
Cloud cover	3	1	2	7	7

Weather Summary/Alert:

During the last seven days (20 to 26 February) 2.6 mm rainfall was observed while the maximum and minimum temperature was found to be between 24.0-27.0 and 4.4-14.9 oC, respectively. The weather was observed to be clear on most of the days during last week. The morning and evening relative humidity varied between 81-91% and 22-45%, respectively. The wind speed mostly ranged between 2.6-9.2 kmph blowing primarily from the east-south-east, west-north-west, west-south-west and south-west direction. The upcoming 5 day forecast shows very light to medium rainfall of 3-25 mm during 27 February, 1st and 2nd March with maximum and minimum temperature varying between 23.0-26.0oC and 6-11oC. The wind speed is expected to be 8-14 kmph from north-north-west, north-west and east-south-east direction. Light to moderate rainfall has been predicted for most of the places on 2 March. Very light to light rainfall is likely to occur at few places in US Nagar region on 1 March, 2024 while on 27 February, 2024 very light to light rainfall is likely to occur at isolated places. Dry weather is expected to prevail during rest of the period. An orange and a yellow alert regarding likely occurrence of thunderstorm with lightening/hailstorm at isolated places has been issued for 1st and 2nd March.

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 23-29 February would observed normal rainfall and below normal maximum-minimum temperature trend. As per the IMD issued forecast an orange and yellow alert regarding light to moderate rainfall has along with thunderstorm, lightening/hailstorm has been issued so sowing operations, irrigation and chemical application can be scheduled accordingly.

SMS Advisory:

Rainfall along with thunderstorm, lightening/hailstorm has been predicted so the farming operations should be scheduled accordingly.

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Chickpea/Lentil	vegetative/flowering	Regular monitoring of the crop is important and any kind of spray or application should be scheduled as per the forecast.
Rai	pod initiation	Regular monitoring of the crops is required as crop is maturing and the recommended fungicide application should be scheduled as per the forecast.
Wheat	Vegetative	The irrigation and chemical application against pest/disease occurrence should be scheduled as per the forecast.
Barley	Vegetative	The irrigation and chemical application against pest/disease occurrence should be scheduled as per the forecast.
Fodder crops	Vegetative	Irrigation application in the cut crop should be scheduled as per the forecast.
Sugarcane	Sowing	Sowing of spring sugarcane and irrigation in autumn planted sugarcane should be scheduled as per the forecast.
Fodder maize	Sowing	Sowing of fodder maize should be scheduled as per the forecast.

Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
Tomato/chilli	Fruit formation/maturity	The harvested crop should be stored well and made available in the market while any kind of chemical or irrigation application should be scheduled as per the forecast.
Brinjal	Transplanting	Transplanting and irrigation application should be scheduled as per the forecast.
French bean	Sowing	Sowing of French bean should be scheduled as per the forecast and germinated seedlings should be protected
Vegetable pea	vegetative/flowering	Regular monitoring of the crop is important for disease/pest and any kind of spray or application should be scheduled as per the forecast.

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.