



Agromet Advisory Bulletin

Date: 26.03.2024

Weather Forecast of District UDHAMSINGH-NAGAR (Uttarakhand) Issued On: 2024-03-26 (Valid Till 08:30 IST of the next 5 days)

Parameter	27/03/2024	28/03/2024	29/03/2024	30/03/2024	31/03/2024
Rainfall (mm)	0.0	0.0	0.0	5.0	7.0
Max Temp (°C)	33.0	35.0	36.0	36.0	35.0
Min Temp (°C)	14.0	15.0	17.0	19.0	17.0
Max RH I (%)	65	65	65	75	75
Min RH II (%)	35	35	35	45	45
Wind speed (km/h)	2	2	2	1	1
Wind direction	320	320	90	140	270
Cloud cover	0	0	0	7	8

Weather Summary/ Alert:

During last week (19 to 25 March) no rainfall was recorded and the maximum-minimum temperature ranged between 28.5 to 30.5°C and 10.1 to 14.3°C, respectively. The morning and evening relative humidity ranged between 78-90% and 29-51%, respectively. The wind blew from west-south-west, west, south-west, west-north-west and south-east at a speed ranging 1.8-7.9 kmph. The weather remained clear on most of the days last week. The upcoming 5-day forecast indicates light rainfall of 5-7 mm with maximum-minimum temperature ranging between 33- 36°C and 14-19°C, respectively. The wind is expected to blow from west, south-east, north-west and east direction at a speed of 1-10 kmph. Very light to light rain is likely to occur at isolated places on 29th & 30th March while dry weather is likely to prevail during rest of the period. Yellow warning regarding occurrence of thunderstorm with lightning/Hailstorm is likely to occur at isolated places on 30th 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 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 scheduled as per the IMD forecast.

SMS Advisory:

As per the IMD forecast of light rainfall and thunderstorm warning, the farming activities should be scheduled accordingly.

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Chickpea/Lentil	Physiological maturity	Pod borer and blight disease should be controlled using recommended practices. Harvest of mature pods should be done and dried well. The harvest should be stored well as per the given forecast.
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. The sowing can be delayed under the forecasted conditions.
Mustard	Physiological maturity/harvesting	Harvesting of mature pods should be done and pods should be dried well before threshing. Store the dried and threshed pods. The harvest should be stored well as per the given forecast.
Wheat	Grain filling and maturity	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. The chemical application and other farming activities should be scheduled as per the forecast.
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. The chemical application and other farming activities should be scheduled as per the forecast.
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. The harvest should be stored well as per the given forecast.

Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
French bean	Seedling	Irrigation should be applied as required and regular hoeing-weeding should be done. The irrigation can be delayed under the current forecast.
Taro	Sowing	Sowing of early varieties can be done in the plains. The sowing can be delayed under the forecasted conditions.
Radish/carrot	Sowing	Sowing of European varieties can be taken up. The sowing can be delayed under the forecasted conditions.
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