



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
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 Udham Singh Nagar, Pantnagar, Uttarakhand



Agromet Advisory Bulletin

Date : 06-02-2024

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2024-02-06(Valid Till 08:30 IST of the next 5 days)

Parameter	2024-02-07	2024-02-08	2024-02-09	2024-02-10	2024-02-11
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	23.0	23.0	23.0	24.0	24.0
Tmin(°C)	7.0	6.0	5.0	6.0	6.0
RH-I(%)	85	75	75	75	75
RH-II(%)	45	35	35	35	35
Wind Speed(kmph)	5	7	7	5	5
Wind Direction(Degree)	320	320	320	320	320
Cloud Cover(Octa)	2	1	0	1	0

Weather Summary/Alert:

In the last seven days (30 January to 06 February), light rainfall of 11.6 mm was observed on 1 February, and the maximum and minimum temperatures ranged between 17.1 -24.0 and 4.9 -12.9 degrees Celsius respectively. It was cloudy and foggy most of the day. Morning. And the relative humidity of the evening remained between 88 -98% and 37 -78% respectively. Wind speeds mostly ranged between 0.9-8.4 km per hour, blowing mainly from south-south-west, south-south-east, south-west, east-south-east and south-east direction. There is no chance of rain in the forecast for the next 5 days, with the maximum and minimum temperatures likely to be between 23.0-24.0°C and 5 -7°C. Wind speed from south-west and north-west direction is likely to be 5 -7 km per hour. Dry weather is likely to occur in the region on 7-9 February, 2024

General Advisory:

A regular update about weather forecast and agro meteorological advisories is available on “Meghdoot App” and “Damini App” is also available to get information about lightning. Meghdoot and Damini apps can be downloaded from Google Play Store (Android users) and App Center (iOS users). The NDVI composite reflects moderate agricultural strength in the region. The extended range forecast system shows a general trend of maximum and minimum temperatures during 6 to 11 February. Clear weather is predicted, so appropriate agricultural practices should be determined accordingly, taking into account recent rainfall and postponing irrigation and chemical applications.

SMS Advisory:

There is no possibility of rain in the forecast for the next 5 days.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
CHICK PEA (Vegetative)	Irrigation application at flowering and pod formations should be delayed as per the forecast.
LENTIL (Vegetative)	Irrigation application at flowering and pod formations should be delayed as per the forecast.
RAPESEED (Flowering)	The rapeseed crop should be harvested on maturity and properly dried before shredding. Application of irrigation at flowering and pod formation stage in Mustard (Rai) as per requirement is necessary to avoid yield losses. Regular monitoring of mustard for pest and disease attack should be done and recommended practices for control should be followed. In case of alternaria blight, regular spray of Mancozeb 75% @2kg/ha in 800-1000 litre water, 2-3 times at an interval of 10 days is required while in case of white rust, regular spray of Metalaxyl 35 WS or Ridomil MZ 72 @ 2.5kg/ha in 800-1000 litre water, 2-3 times at an interval of 10 days. There might be a light attack of downy mildew which can be treated with Metalaxyl 35 WS or Ridomil MZ 72 @ 2kg/ha in 500 litres of water. The harvested crop should be protected as per the forecasted rainfall and any kind of chemical application should be delayed.
WHEAT (Vegetative)	The crop should be irrigated as required and weed emergence should be controlled. The weather conditions are suitable for yellow rust occurrence so appropriate measures should be taken up.
BARLEY (Vegetative)	Measures should be taken for weed management. Any kind of agricultural work should be scheduled according to the forecast.
SUGARCANE (Physiological Maturity)	The crop should be harvested at 16-18% brix value and appropriate farming operations should be followed in autumn sugarcane. Any kind of farming operation should be scheduled as per the forecast.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
ONION (Seedling Growth)	The onion seedlings should be protected against harm by direct rainfall with proper measures having easy air and water movement. Any kind of farming operation should be scheduled as per the forecast.
VEGETABLE PEA (Flowering)	The pea crop is very sensitive to dry and cold nights so irrigation should be applied as required and regular monitoring for pest and diseases should be done. On occurrence of powdery mildew/aphid attack appropriate chemical or mechanical measures should be taken up. Any kind of farming operation should be scheduled as per the forecast.
TOMATO (Flowering)	Regular monitoring of crop should be done and recommended practices should be followed. The crop should be regularly monitored for disease transferring insects and controlled with the recommended practices. Late blight disease in tomatoes can be prevented with a Mancozeb spray @ 2.5g/liter of water. Any kind of farming operation should be scheduled as per the forecast.
POTATO (Physiological Maturity)	To control the late blight disease in potato, it is advised that solution of Mancozeb@ 2.5g/liter of water should be sprayed. Any kind of farming operation should be scheduled as per the forecast.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	To save the animal from cold, increase the amount of oil and Jaggery (Gur) in the food of animals. Caraway (Ajwain) and gur also be given to the animals. To save the animals from cold, proper arrangement of animal shed should be done. Vaccination should be given to the animals to save them from

Live Stock	Live Stock Specific Advisory
	Rinderpest disease (Sheetla rog).The animal feed should be increased by 10% for extra energy requirement.
COW	To save the animal from cold, increase the amount of oil and Jaggery (Gur) in the food of animals. Caraway (Ajwain) and gur also be given to the animals. To save the animals from cold, proper arrangement of animal shed should be done. Vaccination should be given to the animals to save them from Rinderpest disease (Sheetla rog).The animal feed should be increased by 10% for extra energy requirement.
HEN	Medicine as per the veterinarian should be administered for aflatoxiosis caused due to fungal growth in their feed.