



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
Govind Ballabh Pant University of Agriculture & Technology



Udham Singh Nagar, Pantnagar, Uttarakhand

Agromet Advisory Bulletin

Date : 04-02-2022

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-02-04(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-02-05	2022-02-06	2022-02-07	2022-02-08	2022-02-09
Rainfall(mm)	20.0	0.0	0.0	0.0	0.0
Tmax(°C)	14.0	17.0	18.0	20.0	21.0
Tmin(°C)	8.0	8.0	9.0	9.0	10.0
RH-I(%)	95	95	90	85	80
RH-II(%)	65	60	55	50	45
Wind Speed(kmph)	12.0	6.0	6.0	10.0	6.0
Wind Direction(Degree)	120	100	320	300	300
Cloud Cover(Octa)	3	0	1	0	0

Weather Summary/Alert:

In the last seven days (28 Jan – 3 Feb, 2022), there was 1.1 mm rain and the sky was cloudy to dense cloudy. The maximum & minimum temperatures ranged between 12.5 to 19.5°C and 5.5 to 10.9°C respectively. Relative humidity ranges from 90 to 94 % at 0712 hrs and 50 to 88 % at 1412 hrs. The wind was mainly from the ESE & WSW with a speed of 2.0 to 11.4 km/hour. In the coming five days, weather will remain clear and there is a forecast of light to moderate rain today. Maximum & minimum temperature may range from 14.0 to 21.0 deg C & 8.0 to 10.0 deg C respectively. Wind will blow with a speed of 6.0-12.0 km/hr from the ESE & NW direction. Warning: Cold day likely to occur at isolated places and moderate to dense fog likely to occur in parts of plains on 5 & 6 Feb. As per ERF, the

rainfall will be below normal, maximum & minimum temperature will be normal and below normal respectively in the state from 9 to 15 February.

General Advisory:

Farmers are advised to download the “Meghdoot App” to get past week weather, weather forecast, and agromet advisory and "Damini App" to get lightning information. Meghdoot and Damini Apps can be downloaded from the google play store (Android users) and App Center (IOS users). Farmers are advised to maintain the proper drainage in all vegetable crops & Diathane M-45 @ 2gm /liter of water should be sprayed after rain.

SMS Advisory:

In the coming five days, very light to light rain on 7 & 8 February otherwise weather will remain clear. Warning: cold day & moderate to dense fog at plains likely to occur on 5 & 6 Feb.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
WHEAT	Drainage of water should be maintained in the field. On the occurrence of rust in wheat crop, solution of Propiconazole 25 EC @ 1ml/liter of water should be sprayed by keeping in view the weather forecast.
MUSTARD	On the occurrence of Sclerotinia rot in mustard crop, remove affected part and spray carbendazim @ 1 g/lit water in clear weather.
CHICK PEA	Maintain the proper drainage condition in the field. On the occurrence of fruit borer in chick pea crop, solution of 125 ml of Chlorantraniliprole 18.5 SL or 220 g of Emamectin Benzoate in 500-600 liter of water per hectare should be sprayed in clear weather.
BARLEY	On the occurrence of rust in crop, solution of Propiconazole 25 EC @ 1ml/liter of water should be sprayed in clear weather.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
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Horticulture(Varieties)	Horticulture Specific Advisory
TOMATO	If crop plants is showing fluffy cottony growth which leads to dry the plants. So infected plants must be removed and burn. In case of late blight, spray Mancozeb 64% + cymoxanil 8% WP @ 2.5gm per litre in clear weather by keeping in view the weather forecast.
POTATO	Water drainage should be maintained in the potato field. After rain, Diathane M-45 @ 2gm /liter of water should be sprayed. In case of late blight, spray Mancozeb 64% + cymoxanil 8% WP @ 2.5gm per litre in clear weather by keeping in view the weather forecast.
VEGETABLE PEA	Water drainage should be maintained in the field. On the occurrence of rust, triadimefon 25% WP @ 1 g/lit water should be sprayed.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	To save the animals from cold, proper arrangement of animal shed should be done. Dry grasses, paddy residue (Puwal) etc which are not used as fodder for animals should be used as a bedding material for animals in sheds. Door and window should be covered properly so that cold wind could not be entered in the animal shed.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
HEN	Maintain the temperature of dwelling place of poultry birds. To save the poultry bird from cold, thickness of bedding material should be increases so that they can get sufficient heat to maintain their temperature.