



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 NAINITAL(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)	25.0	0.0	0.0	1.0	0.0
Tmax(°C)	2.0	7.0	9.0	10.0	10.0
Tmin(°C)	-3.0	-2.0	1.0	2.0	2.0
RH-I(%)	95	95	90	85	75
RH-II(%)	65	60	55	50	45
Wind Speed(kmph)	8.0	6.0	6.0	6.0	6.0
Wind Direction(Degree)	120	100	320	300	300
Cloud Cover(Octa)	2	0	1	0	0

Weather Summary/Alert:

In the coming five days, very light rain on 7 Feb may likely occur otherwise weather will remain clear. Maximum & minimum temperature may range from 2.0 to 10.0 deg C & -3.0 to 2.0 deg C respectively. Wind will blow with a speed of 6.0-8.0 km/hr from the WNW & ESE direction. Warning: Cold day to severe cold day likely to occur at a few places from 4 to 6 Feb and ground frost likely to occur at isolated places in hills 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. Farmers can give sprinkle irrigation to save their crop from ground frost. To save the animals from cold, gur (Jaggery) with ajwain should be given to the animals without mixing in water. It gives warmth and energy to them.

SMS Advisory:

In the coming five days, very light rain on 7 Feb may likely occur otherwise weather will remain clear. Cold to severe cold day at a few places & ground frost in hills at isolated places 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	Drainage of water should be maintained in the field of mustard crop. 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	Water drainage should be maintained in the tomato field. 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 in clear weather.

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.