



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 : 21-01-2022

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-01-21(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-01-22	2022-01-23	2022-01-24	2022-01-25	2022-01-26
Rainfall(mm)	0.0	10.0	15.0	10.0	0.0
Tmax(°C)	20.0	17.0	14.0	14.0	14.0
Tmin(°C)	8.0	10.0	10.0	9.0	7.0
RH-I(%)	90	95	95	90	90
RH-II(%)	55	55	60	60	55
Wind Speed(kmph)	6.0	12.0	12.0	6.0	6.0
Wind Direction(Degree)	100	120	120	120	320
Cloud Cover(Octa)	2	6	6	2	0

Weather Summary/Alert:

In the last seven days (14 – 20 Jan, 2022), there was 0.0 mm rain and the sky was cloudy to dense cloudy. The maximum & minimum temperatures ranged between 12.0 to 17.6°C and 7.4 to 10.4°C respectively. Relative humidity ranges from 88 to 96 % at 0712 hrs and 75 to 93 % at 1412 hrs. The wind was mainly from the WNW & WSW with a speed of 3.0 to 5.9 km/hour. In the coming five days, light rain from 22 to 24 Jan may occur. Maximum & minimum temperature may range from 14.0 to 20.0 deg C & 8.0 to 11.0 deg C respectively. Wind will blow with a speed of 6.0-12.0 km/hr from the ESE & NW direction. There is a warning of thunderstorm accompanied with hail and lightning at isolated places on 23 Jan. As per ERF, the rainfall will be below normal, maximum & minimum temperature will be normal & moderately below normal in the state from 26 January to 1 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). Present weather conditions are highly favourable to sclerotinia rot. This may appear in any crop plants by showing fluffy cottony growth leading to dry the plants. So infected plants must be removed and burn. Spraying of chemical should be done in clear weather.

SMS Advisory:

Light rain from 22 to 24 Jan may likely occur. There is a warning of thunderstorm accompanied with hail and lightning at isolated places on 23 Jan. Maintain proper drainage system in the field.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
WHEAT	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	Present weather conditions are highly favourable to sclerotinial rot. So, on the occurrence of Sclerotinia rot in mustard crop, remove affected part and spray carbendazim @ 1 g/lit water in clear weather.
CHICK PEA	Drainage of excess water should be maintained in the field.
GARLIC	Drainage of excess water should be maintained in the field.
BARLEY	On the occurrence of rust in crop, solution of Propiconazole 25 EC @ 1ml/liter of water should be sprayed by keeping in view the weather forecast.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
TOMATO	Harvest the mature crop and store in safer place. Drainage of excess water should be maintained in the 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	Harvest the mature crop and store in safer place. 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.
CHILLI	There is a forecast of rain in coming days so there is a chances of yellowing of leaves. Farmers are advised that drainage of excess water should be maintained in the field.
MANGO	In view of the weather forecast, do not irrigate the new orchards now.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	In the present & coming weather condition, there is a high chance of Pneumonia in new born babies of animals. So, it is advised that animal shed should be protected from cold and hot food should be given to the animals. To protect 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.
COW	In the present & coming weather condition, there is a high chance of Pneumonia in new born babies of animals. So, it is advised that animal shed should be protected from cold and hot food should be given to the animals. To protect 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.