



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 : 18-01-2022

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-01-18(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-01-19	2022-01-20	2022-01-21	2022-01-22	2022-01-23
Rainfall(mm)	0.0	0.0	0.0	0.0	10.0
Tmax(°C)	15.0	15.0	14.0	14.0	12.0
Tmin(°C)	8.0	9.0	10.0	11.0	10.0
RH-I(%)	90	90	95	95	95
RH-II(%)	60	60	60	65	65
Wind Speed(kmph)	6.0	6.0	6.0	8.0	14.0
Wind Direction(Degree)	320	320	300	100	120
Cloud Cover(Octa)	0	3	2	2	6

Weather Summary/Alert:

In the last seven days (11 – 17 Jan, 2022), there was 7.2 mm rain and the sky was cloudy to dense cloudy. The maximum & minimum temperatures ranged between 12.0 to 21.6°C and 9.4 to 11.9°C respectively. Relative humidity ranges from 88 to 96 % at 0712 hrs and 58 to 91 % at 1412 hrs. The wind was mainly from the WNW & WSW with a speed of 2.2 to 5.9 km/hour. In the coming five days, light rain on 22 Jan may occur otherwise weather will remain clear in the remaining days. Maximum & minimum temperature may range from 12.0 to 15.0 deg C & 8.0 to 11.0 deg C respectively. Wind will blow with a speed of 6.0-14.0 km/hr from the ESE & NW direction. Moderate to dense fog and cold day condition likely to occur in some parts of plains on 18 Jan. As per ERF, the rainfall will be above normal, maximum & minimum temperature will be below normal in the state from 23 to 29 January.

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:

There is a forecast of light rain in Udham Singh Nagar district on January 22 and very light to light rain in Nainital district from January 20 to 22. Maintain proper drainage system in the field.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
MUSTARD	Present weather conditions are highly favourable to sclerotinial rot. So, on the occurrence of Sclerotinia rot in mustard crop, remove infected plant and burn. Spray, 700 g of carbendazim or 700 ml propiconazole in 700 lit of water per ha on flowers. Leaves and stem at 10-15 days interval 2-3 three spray in case of more than 10 per cent infected plants. Spraying should be done when the weather is clear, keeping in mind the weather forecast.
GARLIC	In case of yellowing of leaves of garlic, spray Tebuconazole @ 1 ml/Lit + Profenophos @ 1 ml. Spray Tebuconazole @ 1 ml/lit + Prophenophos @ 1 ml/lit in clear weather.
BARSEEM	Present weather conditions are highly favorable to sclerotinial rot. So, on the occurrence of Sclerotinia rot in barseem, remove infected plant and burn.

Horticulture Specific Advisory:

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. Spray, 700 g of carbendazim or 700 ml propiconazole in 700 lit of water per ha on flowers. Leaves and stem at 10-15 days interval 2-3 three spray in case of more than 10 per cent infected plants. Spraying should be done when the weather is clear, keeping in mind the weather forecast.
POTATO	To control the late blight disease in potato, spray fungicide like Mancozeb @ 2.5gm/litre. Spraying should be done in clear weather.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	In the present & coming weather condition, there is a high chance of Niomonina 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 Niomonina 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.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICK	Chicks are very sensitive to cold, provide proper food to them and maintain proper source of heat