



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



Agromet Advisory Bulletin

Date : 11-01-2022

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-01-11(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-01-12	2022-01-13	2022-01-14	2022-01-15	2022-01-16
Rainfall(mm)	2.0	0.0	0.0	0.0	0.0
Tmax(°C)	22.0	21.0	21.0	21.0	21.0
Tmin(°C)	7.0	6.0	7.0	7.0	7.0
RH-I(%)	95	95	95	90	90
RH-II(%)	70	70	65	65	65
Wind Speed(kmph)	6.0	6.0	6.0	6.0	6.0
Wind Direction(Degree)	320	330	330	320	320
Cloud Cover(Octa)	4	3	1	3	2

Weather Summary/Alert:

In the last seven days (4 – 10 Jan, 2022), there was 69.7 mm rain and the sky was cloudy to dense cloudy. The maximum & minimum temperatures ranged between 17.0 to 22.5°C and 6.8 to 13.3°C respectively. Relative humidity ranges from 88 to 98 % at 0712 hrs and 53 to 85 % at 1412 hrs. The wind was mainly from the ENE & ESE with a speed of 2.0 to 7.2 km/hour. In the coming five days, very light rain may occur today at isolated places, otherwise weather will remain clear. Maximum & minimum temperature may range from 21.0 to 22.0 deg C & 6.0 to 7.0 deg C respectively. Wind will blow with a speed of 5.0-6.0 km/hr from the NW direction. Moderate to dense fog likely to occur in some parts of plains on 11-13 Jan. As per ERF, the rainfall will be above normal, maximum & minimum temperature will be normal in the state from 16 to 22 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). Crops like wheat, peas and mustard can damage due to accumulation of water in the crop due to excessive rainfall, so farmers should remove water from their crop in time. Use sulfur or potash with manure and Spray fungicide with boron on pea crop.

SMS Advisory:

Weather will remain clear in the coming five days. Moderate to dense fog likely to occur in some parts of plains on 11-13 Jan.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
WHEAT	If there is highly occurrence of broad leaf weed in the wheat crop, then solution of 500g AI of 2,4D or 4g of metsulfuron methyl in 500-600 liter of water should be sprayed @ per hectare with the help of flat fan nozzle after 34-40 days in November sown wheat crop and after 40-45 days in December sown wheat crop.
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.
MUSTARD	On increasing the outbreak of aphid in the mustard crop, the solution of 50-100g of Thiamethoxam 25 WG in 600-700 lit of water per hectare should be sprayed in clear weather.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
TOMATO	To control the late blight disease in tomato, Mancozeb 75% @ 2.5g/liter should be sprayed.
POTATO	To control the late blight disease in potato, spray fungicide like Mancozeb @ 2.5gm/litre.
MANGO	To control the Mango mealy bug in mango, polythene strips should be used so that plants can be protected from these insects. For this, stem of plants should be covered by 25-30 cm broad polythene and above 30-40 cm from the ground. After covering the stem, grease and unusable oil should be applied in the upper and lower part of polythene and both the end of polythene should be tied with the help of chord/string.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	If there is an attack of parasitic mites or lice in pregnant cows, then Rx Botox @ 15ml/ 7 litre of water should be applied with the help of cotton cloth. With the changing weather, 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.
BUFFALO	In case of more number of flies observed on buffalo, mix 10 grams ground camphor in 100 ml coconut oil and beat, then apply four times a day.

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.