



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 : 11-01-2022

Weather Forecast of NAINITAL(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)	7.0	6.0	7.0	7.0	7.0
Tmin(°C)	-1.0	-1.0	-1.0	-1.0	0.0
RH-I(%)	95	95	95	90	90
RH-II(%)	55	55	50	50	45
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	2	2

Weather Summary/Alert:

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 6.0 to 7.0 deg C & 0.0 to -1.0 deg C respectively. Wind will blow with a speed of 6.0 km/hr from the NW direction. Cold day likely to occur today and ground frost from 11-13 Jan at isolated places in hills. 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:

Crops like wheat, peas and mustard are getting damaged 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. There is a forecast of ground frost in hills at isolated places. So, to protect Mustard, wheat & vegetables crops like tomato & potato from frost injury, farmer can use mulch and sprinkle irrigation can also be given keeping in view the weather condition.

SMS Advisory:

Weather will remain clear in the coming five days. Cold day condition today and ground frost from 11-13 Jan likely to occur at isolated places in hills.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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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.
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.
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.

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.

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. 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.

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.