



**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 : 14-01-2022

Weather Forecast of NAINITAL(Uttarakhand) Issued On : 2022-01-14(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-01-15	2022-01-16	2022-01-17	2022-01-18	2022-01-19
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	8.0	8.0	9.0	9.0	9.0
Tmin(°C)	-1.0	0.0	2.0	3.0	4.0
RH-I(%)	75	75	80	80	85
RH-II(%)	50	55	55	60	60
Wind Speed(kmph)	6.0	6.0	6.0	6.0	6.0
Wind Direction(Degree)	330	320	320	300	300
Cloud Cover(Octa)	1	1	4	5	1

### Weather Summary/Alert:

In the coming five days, weather will remain clear. Maximum & minimum temperature may range from 8.0 to 9.0 deg C & -1.0 to 4.0 deg C respectively. Wind will blow with a speed of 6.0 km/hr from the WNW & NW direction. Ground frost on 14 & 15 Jan may occur at isolated places in hills. As per ERF, the rainfall will be above normal, maximum & minimum temperature will be below normal & normal respectively in the state from 19 to 25 January.

### General Advisory:

NDVI & SPI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.2-0.5 for Nainital i.e. agriculture vigor is moderate to good in the district and SPI map indicates severely wet condition from 16 December to 12 January in the district. 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. 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:

In the coming five days, weather will remain clear. Ground frost on 14 & 15 Jan may occur at isolated places in hills.

### 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.
BARSEEM	On the occurrence of Sclerotinia rot in barseem, 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.
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.

#### 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.
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 Niomoniasis 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.