



**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 UDAMSINGH-NAGAR(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)	18.0	19.0	20.0	21.0	20.0
Tmin(°C)	8.0	7.0	7.0	6.0	8.0
RH-I(%)	90	90	95	95	95
RH-II(%)	50	50	50	55	55
Wind Speed(kmph)	6.0	6.0	6.0	6.0	6.0
Wind Direction(Degree)	330	320	320	300	300
Cloud Cover(Octa)	2	0	4	5	1

### Weather Summary/Alert:

In the last seven days (7 – 13 Jan, 2022), there was 54.7 mm rain and the sky was cloudy to dense cloudy. The maximum & minimum temperatures ranged between 17.5 to 22.5°C and 9.4 to 13.3°C respectively. Relative humidity ranges from 89 to 98 % at 0712 hrs and 63 to 85 % at 1412 hrs. The wind was mainly from the ESE & WSW with a speed of 2.0 to 7.2 km/hour. In the coming five days, weather will remain clear. Maximum & minimum temperature may range from 18.0 to 21.0 deg C & 6.0 to 8.0 deg C respectively. Wind will blow with a speed of 6.0 km/hr from the NW direction. 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 0.15-0.4 for U S Nagar i.e. agriculture vigor is moderate 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.

### SMS Advisory:

Weather will remain clear in the coming five days.

### Crop Specific Advisory:

<b>Crop(Varieties)</b>	<b>Crop Specific Advisory</b>
MUSTARD	Present weather conditions are highly favourable to sclerotinia 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:

<b>Horticulture(Varieties)</b>	<b>Horticulture Specific Advisory</b>
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:

<b>Live Stock(Varieties)</b>	<b>Live Stock Specific Advisory</b>
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.

### Poultry Specific Advisory:

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