



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 : 11-02-2022

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-02-11(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-02-12	2022-02-13	2022-02-14	2022-02-15	2022-02-16
Rainfall(mm)	0.0	0.0	0.0	1.0	0.0
Tmax(°C)	18.0	19.0	18.0	18.0	19.0
Tmin(°C)	3.0	5.0	5.0	5.0	5.0
RH-I(%)	75	80	80	75	60
RH-II(%)	50	45	45	50	30
Wind Speed(kmph)	8.0	5.0	5.0	6.0	7.0
Wind Direction(Degree)	290	70	45	20	90
Cloud Cover(Octa)	0	0	0	4	3

Weather Summary/Alert:

In the last seven days (4 – 10 Feb, 2022), there was 46.1 mm rain and the sky was cloudy to dense cloudy. The maximum & minimum temperatures ranged between 12.6 to 18.0°C and 5.4 to 11.9°C respectively. Relative humidity ranges from 86 to 97 % at 0712 hrs and 58 to 91 % at 1412 hrs. The wind was mainly from the ESE & WSW with a speed of 1.8 to 14.5 km/hour. Weather will remain clear in the coming five days but very light rain may likely occur on 14 Feb with cloudy sky. Maximum & minimum temperature may range from 18.0 to 19.0 deg C & 4.0 to 5.0 deg C respectively. Wind will blow with a speed of 5.0-8.0

km/hr from the ENE & WNW direction. As per ERF, the rainfall will be above normal and maximum & minimum temperature will be below normal in the state from 16 to 22 February.

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). To save 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.

SMS Advisory:

Weather will remain clear in the coming five days but very light rain may likely occur on 14 Feb with cloudy sky.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
WHEAT	On the occurrence of mahu in wheat, spray the solution of Thiomethaxam 25 WSG @ 100 ml/ha or Imidacloprid 17.8 SL @ 140 ml/ha in 500-600 liters of water. Do second spray at an interval of 15 days. Spray should be done in the morning or evening hours when there is no rain or strong wind.
MUSTARD	On the occurrence of Sclerotinia rot in mustard crop, remove affected part and spray carbendazim @ 1 g/lit water in clear weather.
CHICK PEA	To control the fruit borer in gram, spray Indoxacarb 158 EC by making a solution of 400-500 ml/ha in 500-600 liters of water.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
PAPAYA	Drying up of flowers in papaya is observed which is due to continuous prevalence of low temperature. After increase in temperature it will be alright. Go for spray of boron @ 0.2 % (2g/lit) immediately.

Horticulture(Varieties)	Horticulture Specific Advisory
LEMON	Give proper nutrition and irrigation to citrus plant to check flower drop. To control the fruit drop Planofix @ 0.75 ml/litre can be applied.
POTATO	In case of late blight, spray Mancozeb 64% + cymoxanil 8% WP @ 2.5gm per litre .
TOMATO	If crop plants is showing fluffy cottony growth which leads to dry the plants. So infected plants must be removed and burn. In case of late blight, spray Mancozeb 64% + cymoxanil 8% WP @ 2.5gm per litre by keeping in view the weather forecast.
MARIGOLD	In case of fungus and dryness were observed in marigold plant then spray, score @ 0.5 ml/l or tilt @ 1 ml/l.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	To save the animals from cold, proper arrangement of animal shed should be done. Dry grasses, paddy residue (Puwal) etc which are not used as fodder for animals should be used as a bedding material for animals in sheds. Door and window should be covered properly so that cold wind could not be entered in the animal shed.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
HEN	Maintain the temperature of dwelling place of poultry birds. To save the poultry bird from cold, thickness of bedding material should be increases so that they can get sufficient heat to maintain their temperature.