



**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 : 20-01-2023

Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2023-01-20(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-01-21	2023-01-22	2023-01-23	2023-01-24	2023-01-25
<b>Rainfall(mm)</b>	3.0	0.0	0.0	0.0	12.0
<b>Tmax(°C)</b>	12.0	14.0	14.0	16.0	13.0
<b>Tmin(°C)</b>	1.0	1.0	1.0	4.0	5.0
<b>RH-I(%)</b>	70	75	75	75	80
<b>RH-II(%)</b>	30	30	35	35	35
<b>Wind Speed(kmph)</b>	6.0	6.0	8.0	8.0	10.0
<b>Wind Direction(Degree)</b>	230	250	270	110	110
<b>Cloud Cover(Octa)</b>	2	0	0	4	8

### Weather Summary/Alert:

In the coming five days, very light rainfall on 20 Jan & light rain on 24 Jan may occur and weather will remain clear on remaining days. Maximum & minimum temperature may range from 12.0 to 16.0 deg C & 1.0 to 5.0 deg C respectively. Wind will blow with a speed of 6.0-10.0 km/hr from the SW, WSW, W & ESE direction. Warning: Thunderstorm accompanied with hail, lightning and intense shower likely to occur at a few places on 24 Jan.

### General Advisory:

IMD Weather forecast and Agrometeorological advisory of your location is now available on Meghdoot mobile app in English and regional languages. Kindly download from following link Android: <https://play.google.com/store/apps/details?id=com.aas.meghdoot> iOS: <https://apps.apple.com/in/app/meghdoot/id1474048155> To save the animals from the cold, proper arrangement of the animal shed should be done. Farmers are advised to irrigate the crops and spray of chemicals should be by keeping in view the weather forecast.

### SMS Advisory:

In the coming five days, very light rainfall on 20 Jan & light rain on 24 Jan may occur. Thunderstorm accompanied with hail, lightning and intense shower likely to occur at a few places on 24 Jan.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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<b>Crop(Varieties)</b>	<b>Crop Specific Advisory</b>
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 or 20g of carfentrazone in 500-600 liter of water should be sprayed @ per hectare with the help of flat fan nozzle after 40-45 days in December sown wheat crop.
LENTIL	In lentil and gram crop, first irrigation should be given before flowering and second irrigation at the time of pod formation. Solution of 2 % Urea should be given at the time of flowering in gram and lentil. Second irrigation should be given after 10-15 days of first irrigation. 600-700 liter of water/ Ha should be used.

#### **Horticulture Specific Advisory:**

<b>Horticulture(Varieties)</b>	<b>Horticulture Specific Advisory</b>
APPLE	To control the fruit Rot disease in apple and seed bearing fruits, soil should be removed from the surrounded area of the stem in the affected fruit tree so that sun rays may enter directly in the stem of the affected tree. Affected bark should be removed and chaubatia paste should be applied and covered with soil.
CAPSICUM	Capsicum Seeds should be sown in the nursery. To save the nursery from frost, cover it with white plastic and proper movement of sun rays and air should be maintained.
PEAR	Sowing of fruit crops like-apple, pear, plum, wall nut etc should be started. Basin should be prepared in the temperate fruit plants and right quantity of dung manure, Nitrogen and Phosphorous should be applied in the field.
TOMATO	To control the late blight disease in tomato, Mancozeb 75% @ 2.5g/liter should be sprayed. Spraying should be done by keeping in view the weather forecast.

#### **Live Stock Specific Advisory:**

<b>Live Stock(Varieties)</b>	<b>Live Stock Specific Advisory</b>
COW	In hilly areas, heater may be used to protect the animals from cold. Rice husk should be given to the animals as a food which is the source of energy.
BUFFALO	Sitting place of animals should be leveled so that their productive capacity is not affected and special care should be given to the new born animals. • To save the animal from cold, 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.