



**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 : 03-12-2021

Weather Forecast of NAINITAL(Uttarakhand) Issued On : 2021-12-03(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-12-04	2021-12-05	2021-12-06	2021-12-07	2021-12-08
Rainfall(mm)	1.0	0.0	12.0	2.0	0.0
Tmax(°C)	14.0	15.0	13.0	13.0	14.0
Tmin(°C)	5.0	5.0	4.0	3.0	3.0
RH-I(%)	75	80	85	80	75
RH-II(%)	47	38	45	30	31
Wind Speed(kmph)	6.0	6.0	6.0	6.0	6.0
Wind Direction(Degree)	50	70	270	320	320
Cloud Cover(Octa)	5	2	7	4	2

### Weather Summary/Alert:

In the coming five days, light rain may likely occur on 2 December otherwise weather will remain clear. Maximum & minimum temperature may range from 13.0 to 15.0 deg C & 3.0 to 5.0 deg C respectively. Wind will blow with a speed of 6.0 km/hr from the ENE & NW direction. As per ERF, the rainfall & minimum temperature will be below normal and maximum temperature will be normal in the state from 8 to 14 December.

### 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). NDVI & SPI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.2-0.45 for Nainital i.e. agriculture vigor is moderate to good in the district and SPI map indicates mildly dry condition from 4 November to 1 December in the district.

### SMS Advisory:

There is a forecast of light rain on 5th December, so the farmers should irrigate the crop by keeping in view the weather forecast.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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Crop(Varieties)	Crop Specific Advisory
WHEAT	Weeding should be done after hoeing in the wheat crop sown in unirrigated condition and recommended weedicide should be used for weed control in the irrigated wheat crop.
BARLEY	In barley crop, weeding should be done as per need. Necessary irrigation should be given after 20-25 days of sowing and top-dressing of the recommended amount of nitrogen should be applied. Spraying of chemicals and irrigation should be given by keeping in view the weather forecast.

#### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
TOMATO	To control the thrips, fipronil 5SC @2ml/ha should be sprayed.
ONION	Transplanting of seedlings of onion should be done.
APPLE	To control the stem rot disease in apple and seed bearing fruits, the 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.

#### Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	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. The door and window should be covered properly so that cold wind could not be entered in the animal shed. The sitting place of animals should be leveled.
COW	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. The door and window should be covered properly so that cold wind could not be entered in the animal shed. The sitting place of animals should be leveled.

#### Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	Add a thick (3-6") layer of straw, sawdust, or wood bark to the floor. Brooder should be installed to prevent cold.