



**Gramin Krishi Mausam Sewa**  
**Agromet Advisory Bulletin for NAINITAL District**  
**Govind Ballabh Pant University of Agriculture & Technology**  
 Udham Singh Nagar, Pantnagar, Uttarakhand



## Agromet Advisory Bulletin

Date : 2024-12-17

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2024-12-17 (Valid Till 08:30 IST of the next 5 days)

| Parameter              | 2024-12-18 | 2024-12-19 | 2024-12-20 | 2024-12-21 | 2024-12-22 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm)           | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        |
| Tmax(°C)               | 17.0       | 17.0       | 16.0       | 16.0       | 15.0       |
| Tmin(°C)               | 7.0        | 7.0        | 6.0        | 6.0        | 5.0        |
| RH-I(%)                | 65         | 65         | 65         | 65         | 65         |
| RH-II(%)               | 25         | 25         | 25         | 25         | 25         |
| Wind Speed(kmph)       | 2          | 3          | 2          | 3          | 2          |
| Wind Direction(Degree) | 140        | 360        | 140        | 360        | 360        |
| Cloud Cover(Octa)      | 2          | 1          | 1          | 1          | 1          |

### Weather Summary/Alert:

In the upcoming days no rainfall has been predicted. Maximum & minimum temperature may be 15.0-17.0 degree Celsius & 5.0-7.0 degree Celsius, respectively. Wind is expected to blow with a speed of 2-3 km/hr from the North & South-East. Dry weather is likely to prevail in the region.

### General Advisory:

The weather forecast and agrometeorological advisory is regularly updated on the "Meghdoot App" and "Damini App" is also available to get lightning information. Meghdoot and Damini apps can be downloaded from Google Play Store (Android users) and App Center (iOS users). The NDVI composite shows moderate agricultural vigour in the region. Deep plowing of the orchards is must for destroying the mig insect, fruit fly, gujiya weevil and webber insect. Regular hoeing and weeding of the pulse crops should be done. Irrigation should be applied in case of ground frost. The extended range forecast system indicates large deficient rainfall, above normal maximum temperature and normal minimum temperature trend.

### SMS Advisory:

As per IMD forecast dry weather has been predicted so irrigation should be applied if ground frost occurs and other farming operations should be scheduled accordingly.

### Crop Specific Advisory:

| Crop (Stage) | Crop Specific Advisory   |
|--------------|--|
| CHICK PEA    | The crop should be monitored and regular hoeing and weeding should be done as required.  |
| LENTIL       | The crop should be monitored and regular hoeing and weeding should be done as required.  |
| RAPSEED      | The crop should be monitored regularly. Light irrigation should be applied in valleys and lower hills as per requirement and in case of pest/disease attack, recommended practices should be followed. The farming operations should be done keeping the forecast in mind. |

| Crop (Stage) | Crop Specific Advisory   |
|--------------|--|
| MUSTARD      | The crop should be monitored regularly. Light irrigation should be applied in valleys and lower hills as per requirement and in case of pest/disease attack, recommended practices should be followed. The farming operations should be done keeping the forecast in mind. |
| WHEAT        | In both irrigated and rainfed conditions regular monitoring of the crop and suitable farming practices should be followed and done regularly. The farming operations should be done keeping the forecast in mind.  |
| BARLEY       | The crop should be monitored regularly for hoeing and weeding.   |

#### Horticulture Specific Advisory:

| Horticulture (Stage) | Horticulture Specific Advisory  |
|----------------------|---|
| ONION                | Transplanting of onion with prepared seedling can be done in the well manured fields.   |
| POTATO               | The potato crop in the valleys under frost condition should be irrigated at appropriate intervals. The farming operations should be done keeping the forecast in mind.                                    |
| CAULIFLOWER          | Top dressing of urea should be done in transplanted cauliflower varieties and weeding-hoeing operations should be followed regularly. The farming operations should be done keeping the forecast in mind. |
| SPINACH              | In irrigated valley, hoeing should be done in Methi, spinach (Palak) and Coriander after irrigation. The farming operations should be done keeping the forecast in mind.                                  |
| APPLE                | Recommended practices should be followed after pruning for diseases prevention in Apple, Pear, Peach, Plum and Khumani.   |
| PEAR                 | Recommended practices should be followed after pruning for diseases prevention in Apple, Pear, Peach, Plum and Khumani.   |
| PEACH                | Recommended practices should be followed after pruning for diseases prevention in Apple, Pear, Peach, Plum and Khumani.   |
| PLUM                 | Recommended practices should be followed after pruning for diseases prevention in Apple, Pear, Peach, Plum and Khumani.   |

#### Live Stock Specific Advisory:

| Live Stock | Live Stock Specific Advisory  |
|------------|---|
| COW        | With the changing weather, there is a high chance of Pneumonia 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.   |
| BUFFALO    | To save the animal from cold, increase the amount of oil and Jaggery (Gur) in the food of animals. Caraway (Ajwain) and gur also be given to the animals. To save the animals from cold, proper arrangement of animal shed should be done. Vaccination should be given to the animals to save them from Rinderpest disease (Sheetla rog). |

#### Others (Soil / Land Preparation) Specific Advisory:

| Others (Soil / Land Preparation) | Others (Soil / Land Preparation) Specific Advisory   |
|----------------------------------|--|
| GENERAL ADVICE                   | On occurrence of frost/fog, irrigation should be applied to the fields at regular intervals. |