



**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 : 30-09-2022**

**Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2022-09-30(Valid Till 08:30 IST of the next 5 days)**

Parameter	2022-10-01	2022-10-02	2022-10-03	2022-10-04	2022-10-05
<b>Rainfall(mm)</b>	3.0	0.0	0.0	0.0	1.0
<b>Tmax(°C)</b>	23.0	23.0	24.0	24.0	23.0
<b>Tmin(°C)</b>	13.0	13.0	13.0	13.0	14.0
<b>RH-I(%)</b>	70	70	70	75	80
<b>RH-II(%)</b>	45	40	35	40	40
<b>Wind Speed(kmph)</b>	6.0	6.0	6.0	6.0	6.0
<b>Wind Direction(Degree)</b>	130	130	100	100	140
<b>Cloud Cover(Octa)</b>	1	2	2	1	2

### Weather Summary/Alert:

In the coming five days, weather will remain clear but very light rain or p-cloudy sky may likely occur on 30 September & 4 October. Maximum & minimum temperature may range from 23.0 to 24.0 deg C & 13.0 to 14.0 deg C respectively. Wind will blow with a speed of 6.0 km/hr from the SE direction. As per ERF, rainfall will be above normal and maximum & minimum temperature will be normal in the state from 5 to 11 October.

### General Advisory:

NDVI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.2-0.5 for Nainital districts. 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). In the coming five days, weather will remain clear so farmers can do necessary agricultural operation in their field. In mid and high hills, mulch should be used to conserve the moisture after hoeing in pea, radish, cabbage, cauliflower crops.

### SMS Advisory:

In the coming five days, weather will remain clear but very light rain or p-cloudy sky may likely occur from 30 September & 4 October.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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<b>Crop(Varieties)</b>	<b>Crop Specific Advisory</b>
RICE	On the occurrence of Brown or white hopper in the crop, use 30 g of clothianidin 50 WG in 500 litre of water/ha and if there is a stem borer with hopper then, Fipronil 5 SC @ 1000ml/ha should be used. Spraying of chemical should be done by keeping in view the weather forecast.
CITRUS	If symptoms of citrus yellow mosaic virus is observed then prune the infected twigs and spray systemic insecticide such as imidacloprid 17.8 SL 1 ml/3 litre water or Thiamethoxam 25 WG @ 1g/3 litre water.
SOYABEAN	To control the yellow mosaic disease, destroy the plants which are turning yellow. Sarvangi insecticide should be used to control the white fly.
GREEN GRAM	To control the yellow mosaic disease, destroy the plants which are turning yellow. Sarvangi insecticide should be used to control the white fly.

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

<b>Horticulture(Varieties)</b>	<b>Horticulture Specific Advisory</b>
CABBAGE	In valley, cabbage and cauliflower snowball should be transplanted in irrigated condition for domestic consumption.
VEGETABLE PEA	In high hills, pea vegetables are in the stage of fruiting or fruiting is almost done. So, after hoeing, 2 cm thick layer of mulch should be prepared to conserve the moisture between the spaces of two lines. With the help of this method, not only quality of vegetable increase but their production also increases by 20-40 %.
APPLE	Collect the fallen leaves of fruit trees like apple, pear, peach, plum etc. and put them in the pit and destroy the sick and and destroy the infected leaves.

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

<b>Live Stock(Varieties)</b>	<b>Live Stock Specific Advisory</b>
BUFFALO	Vaccination of FMD (Foot and Mouth Disease) should be given to the animals. Green fodder should be given in less quantity to the animals. It is advised that green fodder can be given to the animals by mixing it in dry fodder.