



**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 : 23-09-2022

Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2022-09-23(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-09-24	2022-09-25	2022-09-26	2022-09-27	2022-09-28
Rainfall(mm)	8.0	10.0	25.0	30.0	25.0
Tmax(°C)	20.0	20.0	20.0	21.0	21.0
Tmin(°C)	14.0	13.0	13.0	13.0	13.0
RH-I(%)	95	95	95	95	95
RH-II(%)	65	65	70	70	70
Wind Speed(kmph)	6.0	6.0	6.0	6.0	6.0
Wind Direction(Degree)	130	130	100	130	130
Cloud Cover(Octa)	6	7	8	6	3

### **Weather Summary/Alert:**

In the coming five days light to moderate rain may likely occur. Maximum & minimum temperature may range from 20.0 to 21.0 deg C & 13.0 to 14.0 deg C respectively. Wind will blow with a speed of 6.0 km/hr from the ESE & SE direction. Warning: Heavy to very heavy rainfall likely to occur at isolated places (up to 25 % area) on 24 to 26 September and thunderstorm/lightning with intense shower likely to occur at isolated places in the coming five days. As per ERF, rainfall will be above normal and maximum & minimum temperature will be normal in the state from 25 Sept to 1 October.

### **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 map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.2-0.5 for Nainital i.e. agriculture vigor is moderate to good in the district and crop stress is not observed during that period in the districts. Keeping in view the last week weather and rainfall forecast, farmers should postpone irrigation in crops for now and maintain proper drainage system in the field.

### **SMS Advisory:**

In the coming five days light to moderate rain may occur. Warning: Heavy to very heavy rainfall on 24 to 26 Sept & thunderstorm/lightning with intense shower at isolated places in coming five days.

### **Crop Specific Advisory:**

<b>Crop(Varieties)</b>	<b>Crop Specific Advisory</b>
RICE	On the occurrence of Brown or white hopper in the crop, use Clothianidin 50 WG @ 1000ml/ha and if there is a stem borer with hopper then, Fipronil 5 SC @ 1000ml/ha should be used. Root knot nematode is also being observed in paddy crop in upland areas of the district. For this remedy, drench the roots with Velum @ 1 ml/Litre. Use it only once a year. Keeping in view the forecast of moderate rain and warning of heavy rain at most of the places in the next five days, farmers are advised not to spray chemicals and maintain proper drainage system in the field.
SOYABEAN	Farmers are advised to keep monitoring the soybean crop and keeping in view the warning of heavy rain, proper drainage should be maintained in the field.
SUGARCANE	Arrangement of proper drainage should be done in sugarcane crops.

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

<b>Horticulture(Varieties)</b>	<b>Horticulture Specific Advisory</b>
CAULIFLOWER	In valley, cabbage and cauliflower snowball should be transplanted in irrigated condition for domestic consumption. Transplanting should be done by keeping in view the weather forecast.
FRENCH BEAN	If growth of white fungus is observed and there is the rotting of pods in French bean, solution of carbendazim @ 1g/lit of water should be sprayed in clear weather by keeping in view the weather forecast.
SPINACH	In Bhavar and valley region, sowing of spinach can be done in this month by keeping in view the weather forecast.

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

<b>Live Stock(Varieties)</b>	<b>Live Stock Specific Advisory</b>
COW	The milk of female calves should be weaned from the mother only after six months, so that their physical development can take place in a good way. Provide proper shelter and healthy food with proper attention to the livestock especially for new born babies.
GOAT	Sheep and goats must be given two vaccines of tetanus toxoid, one at 4 months and the other at 5 months, so that newborn lambs do not get a disease called tetanus.

#### **Poultry Specific Advisory:**

<b>Poultry(Varieties)</b>	<b>Poultry Specific Advisory</b>
HEN	Deworming doses should be given to the poultry birds on the recommendation of veterinarian because worms in the poultry birds lessen the production capacity of eggs.