



**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 : 20-05-2022

Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2022-05-20(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-05-21	2022-05-22	2022-05-23	2022-05-24	2022-05-25
<b>Rainfall(mm)</b>	1.0	5.0	13.0	34.0	5.0
<b>Tmax(°C)</b>	38.0	36.0	34.0	32.0	30.0
<b>Tmin(°C)</b>	21.0	20.0	18.0	17.0	16.0
<b>RH-I(%)</b>	27	58	72	86	69
<b>RH-II(%)</b>	13	16	25	35	36
<b>Wind Speed(kmph)</b>	12.0	12.0	12.0	10.0	8.0
<b>Wind Direction(Degree)</b>	22	27	34	22	45
<b>Cloud Cover(Octa)</b>	2	3	4	4	2

### Weather Summary/Alert:

In the coming five days, moderate rain on 23 May and very light to light rain may likely occur on remaining days. Maximum & minimum temperature may range from 30.0 to 38.0 deg C & 16.0 to 21.0 deg C respectively. Wind will blow with a speed of 10.0 to 12.0 km/hr from the NNE & NE direction. As per ERF, the rainfall will be below normal and maximum & minimum temperature will be normal in the state from 25 to 31 May. Warning: Thunderstorm accompanied with lightning/intense shower/Hail/Squall (50-60 KMPH gusting up to 70 KMPH at isolated places on 21 & 22 May and 70-80 KMPH gusting up to 90 KMPH at few places on 23 & 24 May) likely to occur.

### 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). To save the stem of fruit tree from high radiation of sun, mixture of copper oxychloride with lime (1kg copper oxychloride, 30 kg Calcium hydroxide or bujha chuna, 1.5 liter linseed oil in 100 liter of water) should be used.

### SMS Advisory:

In the coming five days, moderate rain on 23 May and very light to light rain may likely occur on remaining days. Spraying of chemical should be done keeping in view the weather forecast.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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<b>Crop(Varieties)</b>	<b>Crop Specific Advisory</b>
RICE	In valley and low hills, nursery of paddy should be prepared in the second fortnight of the month for transplanting under irrigated condition.
MAIZE	In mid and high hills areas, sowing of maize crop should be kept in the second fortnight of the month.
DAINCHA	Sowing of dhaincha and sanai should be done after harvesting of wheat and other rabi crops for green manure.
SUGARCANE	On the occurrence of black bug in sugarcane crop, phenthoate 50EC @ 1 liter/ha or 750 ml of monocrotophos 36 SL or 2liter of quinalphos 25 EC in 500liter of water should be sprayed keeping in view the weather forecast.

#### Horticulture Specific Advisory:

<b>Horticulture(Varieties)</b>	<b>Horticulture Specific Advisory</b>
BRINJAL	If seedlings of capsicum, brinjal and tomato are transplanted one month prior then top dressing of Urea should be done keeping in view the weather forecast and moisture conservation should also be done.
TOMATO	To control of viral diseases in tomato crop, remove and destroy the infected plants (when shrunken speckled leaves are visible), To control the juice sucking insect in these crops, sarvangi insecticide should be sprayed. To save the crop from blight disease, it is advised that solution of Mancozeb @ 2.5g/liter or copper oxichloride @ 3g/lit of water should be sprayed. Spraying of chemical should be done keeping in view the weather forecast.

#### Live Stock Specific Advisory:

<b>Live Stock(Varieties)</b>	<b>Live Stock Specific Advisory</b>
COW	Give anthelmintic medicine called piperazine to the calves of two months of age.
BUFFALO	If animal has taken the cyanide affected fodder then water should not be given to them. Animals should be kept away from grazing the less grown jawar, bajara, fodder in pasture. Small shrival/fade yellow stiff plants should not be used as fodder for animals to save them from cyanide.

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

<b>Others (Soil / Land Preparation) (Varieties)</b>	<b>Others (Soil / Land Preparation) Specific Advisory</b>
AGRI FIELD	In the month of May, close the bund of the field and leave it after plowing. Summer plowing destroys the larvae of pests and diseases & seeds of weeds, etc. The rain water from the bund will remain in the field and the soil will not flow out with the flow of water.
SOIL TESTING	Soil sample should be taken from 10-15 different places in this month from fallow field after harvesting of rabi crops. Soil sample should be taken up to the depth of 20 cm.