



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 : 27-05-2022

Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2022-05-27(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-05-28	2022-05-29	2022-05-30	2022-05-31	2022-06-01
Rainfall(mm)	2.0	8.0	0.0	0.0	0.0
Tmax(°C)	21.0	22.0	24.0	25.0	26.0
Tmin(°C)	13.0	14.0	14.0	15.0	15.0
RH-I(%)	70	65	65	60	60
RH-II(%)	35	30	30	25	25
Wind Speed(kmph)	8.0	8.0	6.0	6.0	6.0
Wind Direction(Degree)	130	130	120	120	120
Cloud Cover(Octa)	4	5	2	1	0

Weather Summary/Alert:

In the coming five days, very light to light rain on 27 & 28 May may likely occur and weather will remain clear on remaining days. Maximum & minimum temperature may range from 21.0 to 26.0 deg C & 13.0 to 15.0 deg C respectively. Wind will blow with a speed of 6.0 to 8.0 km/hr from the ESE & SE direction. As per ERF, the rainfall will be below normal, maximum & minimum temperature will be normal in the state from 01 to 07 June. Warning: Thunderstorm accompanied with lightning/hail and gusty wind (30-40 KMPH) likely to occur at isolated places in hills on 27 & 28 May.

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 0.2-0.4 for Nainital i.e. agriculture vigor is moderate in the district. SPI map indicates the moderately wet conditions in the district for the past 4 weeks. 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. Spraying of chemical should be done keeping in view the weather forecast.

SMS Advisory:

In the coming five days, very light to light rain on 27 & 28 May may likely occur and weather will remain clear on remaining days.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	In valley and low hills, preparation of nursery should be completed under irrigated condition. Direct sowing of Jethi Dhan should be done by the first week of June.
BARNYARD MILLET	In valleys and low hills, complete the sowing of crops by the first week of June.
MAIZE	In the lower hilly areas, sow the maize crop in the first fortnight of June.
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:

Horticulture(Varieties)	Horticulture Specific Advisory
POTATO	In valley, digging of potato, onion and garlic should be done if crops are ready
FRENCH BEAN	In valley, picking up the green pods of French bean should be done.
CHILLI	On the occurrence of spot on the leaves of chilli, Mancozeb @ 2.5g/liter of water should be sprayed.
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.
APPLE	In mid hilly regions, to save the apple from rotting, plenofix @ 10ppm should be sprayed.
PEACH	Picking of early variety of peach, plum and khumani should be done and send them to the market.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Animals between two and four months of age should be vaccinated against black leg/black quarter (BQ). Give anthelmintic medicine called piperazine to the calves of two months of age.
BUFFALO	Animals between two to four months of age should be vaccinated against black leg/black quarter (BQ). 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:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
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.