



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 : 21-04-2023

Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2023-04-21(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-04-22	2023-04-23	2023-04-24	2023-04-25	2023-04-26
Rainfall(mm)	1.0	0.0	0.0	0.0	1.0
Tmax(°C)	19.0	21.0	23.0	24.0	25.0
Tmin(°C)	7.0	8.0	10.0	10.0	10.0
RH-I(%)	75	70	70	75	70
RH-II(%)	30	30	35	30	30
Wind Speed(kmph)	8	8	8	6	6
Wind Direction(Degree)	70	70	50	50	50
Cloud Cover(Octa)	1	1	3	5	1

Weather Summary/Alert:

The weather will be clear in the next five days, and there will be light clouds with wind speed of 6.0-8.0 It is expected to move in the NE & ENE direction with a speed of km/h. The maximum and minimum temperature will be 19.0 to 25.0 and 7.0 to 10.0 degree Celsius respectively.

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). In paddy-wheat cropping system, after harvesting wheat and other rabi crops, mainly sow dhaincha and sunai for green manure. Preference should be given to Sunai in sandy and loamy soils and dhaincha in heavy soil & waterlogged areas. The seed rate for dhaincha is 50-60 kg/ha and for sunai the seed rate is 80-90 kg/ha.

SMS Advisory:

The weather will be clear in the next five days, along with it will be partly cloudy. Wind with a speed of 6.0-8.0 km/h is likely to blow from NE & ENE.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
WHEAT	Farmer brothers, keeping in mind the rains in the past, postpone the work of wheat harvesting and threshing. Harvested grain should be adequately dried before storage.

Crop(Varieties)	Crop Specific Advisory
BARNYARD MILLET	In mid hills, sowing of varieties of barnyard millet (jhangora) like- Madeira 172, VL Madeira 207, PRJ 1 should be done 25 cm distance from line to line and 10 cm from plant to plant in April. 8-10 Kg/ ha seeds is required. N:P:K in the ratio 40:20:20 should be used. Half dose of Nitrogen and full dose of phosphorous and potash should be used at the time of sowing. Remaining half dose of nitrogen should be used after one month of sowing as top dressing.
MAIZE	In the plains, spring maize crop sown in mid-February, farmers should ensure the irrigation, weed control and spraying of urea in their fields, otherwise it will adversely affect the yield of maize.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
COWPEA/ LOBIA	Farmer brother, for the prevention of root and stem rot disease in cowpea, use Carbendazim at the rate of 500 gm/ha when the weather is clear.
FRENCH BEAN	Farmer brothers, keeping in mind the rains in the past, sow vegetable french bean variety Arka Komal or Contender in irrigated valley areas.
PEACH	Farmer brothers, for the prevention of peach leaf curl disease in middle and lower mountain areas, second spraying of insecticides should be done keeping in mind the rains in the past, when the weather is clear.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	Do not feed new straw to animals without soaking them in water, otherwise, there is a risk of suffering from indigestion disease.
COW	Do not feed new straw to animals without soaking them in water, otherwise, there is a risk of suffering from indigestion disease.