



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 : 04-05-2023

Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2023-05-04(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-05-05	2023-05-06	2023-05-07	2023-05-08	2023-05-09
Rainfall(mm)	2.0	0.0	0.0	5.0	0.0
Tmax(°C)	18.0	19.0	21.0	21.0	21.0
Tmin(°C)	6.0	8.0	8.0	9.0	9.0
RH-I(%)	75	70	70	75	70
RH-II(%)	40	30	30	30	30
Wind Speed(kmph)	8	9	9	10	10
Wind Direction(Degree)	70	70	270	270	250
Cloud Cover(Octa)	0	0	2	2	0

Weather Summary/Alert:

In the next five days, on May 7, 2023, there may be drizzle or light rain with thunder and strong winds and the weather will be clear for the rest of the day. Along with this, light to moderate clouds will prevail. The wind speed of 6.0 to 8.0 km/h is expected to move from north-east, west-north-west and east-north-east. The maximum and minimum temperature is expected to be 18.0 to 21.0 and 6.0 respectively. to 9.0 degree Celsius.

General Advisory:

Farmer brothers, in the paddy-wheat crop cycle, in case of clear weather, after harvesting of wheat and other rabi crops, mainly sow dhaincha and flax for green manure. Give priority to structure in sandy and loamy soils, heavy soil and waterlogged areas. Keep the seed rate for Dhaincha at 50-60 kg/ha and for Sanai at 80-90 kg/ha. After harvesting of Rabi crop, when the weather is clear, leave the field open by deeply plowing the fields, due to which the eggs of insects and grass seeds hidden in it will be destroyed due to the heat of the sun.

SMS Advisory:

In the next five days, on May 7, 2023, there may be drizzle or light rain with thunder and strong winds and the weather will be clear for the rest of the day. Also partly cloudy

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	In mid hills, nursery of paddy should be prepared in the first fortnight of the month for transplanting under irrigated condition.
PIGEON PEA (RED GRAM/ARHAR)	Sow the crop in the first fortnight of the month and short duration varieties should be selected for sowing.
DAINCHA	If farmer brothers, due to excess rainfall in the past, when the weather is clear, after harvesting wheat and other rabi crops, sow dhaincha and flax for green manure in the empty field. Choose progressive varieties like Narendra Sanai-1 of Sanai and Pant Dhaincha-1, Hisar Dhaincha-1 etc. of Dhaincha.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
COWPEA/ LOBIA	Farmer brothers, in case of clear weather, irrigate the roots by making a solution of carbendazim at the rate of 1 gram/liter of water to prevent root and stem rot disease in cowpea.
FRENCH BEAN	Farmer brothers, in case of clear weather, irrigate the roots by making a solution of carbendazim at the rate of 1 gram/liter of water to prevent root and stem rot disease.
TOMATO	Farmer brothers, when the weather is clear, if tomato, brinjal, capsicum seedlings have been transplanted before one month in hilly areas, then top dressing of urea should be done keeping in mind the weather forecast as well as ensure moisture conservation measures.
MANGO	To control fruit fly in mango orchard, pheromone trap made up of wood should be placed on tree (10 trap/ha) and pheromone trap should be changed in 2 months.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	Farmer brothers, in case of clear weather, the drains around the cattle shed Spraying of malathion or other insecticides was done from time to time. Due to increase in temperature after clear weather, make proper arrangement of water for the animals during these summer days. The drinking vessel should be kept clean and the animals should be given water at least four times during the day. If you see symptoms of mastitis in animals, treat it immediately

Others (Soil / Land Preparation) Specific Advisory:

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