



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 : 13-05-2022

Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2022-05-13(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-05-14	2022-05-15	2022-05-16	2022-05-17	2022-05-18
Rainfall(mm)	2.0	0.0	0.0	8.0	10.0
Tmax(°C)	24.0	25.0	27.0	26.0	24.0
Tmin(°C)	11.0	12.0	14.0	15.0	14.0
RH-I(%)	70	65	70	75	75
RH-II(%)	45	45	40	45	45
Wind Speed(kmph)	6.0	6.0	6.0	8.0	8.0
Wind Direction(Degree)	120	120	130	130	130
Cloud Cover(Octa)	2	1	0	3	4

Weather Summary/Alert:

In the coming five days, light rain from 17 to 18 May likely to occur and weather will remain clear on remaining days. Maximum & minimum temperature may range from 24.0 to 27.0 deg C & 11.0 to 15.0 deg C respectively. Wind will blow with a speed of 6.0 kmt to 8.0/hr from the ESE direction. As per ERF, the rainfall will be below normal and maximum & minimum temperature will be above normal & normal respectively in the state from 15 to 21 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). 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.

SMS Advisory:

In the coming five days, light rain from 17 to 18 May likely to occur and weather will remain clear on remaining days. Spray chemicals keeping in mind the weather forecast.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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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.
MAIZE	In mid hilly areas, sow the crop in the second fortnight of the month.
DAINCHA	If irrigation facility is available then sowing of dhaincha and sanai should be done after harvesting of wheat and other rabi crops for green manure.
GARLIC	If garlic crops are ready and leaves are falling on the surface then irrigation should be stopped and digging should be done in the upcoming 15-20 days.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
ONION	If onion crops are ready and leaves are falling on the surface then irrigation should be stopped and digging should be done in the upcoming 15-20 days.
CAPSICUM	If seedlings of capsicum, brinjal and tomato are transplanted one month prior then top dressing of Urea should be done and moisture conservation should also be done.
CHILLI	To control of viral diseases in chilli crop, infected plants (contracted piebald leaves) should be removed and destroyed.(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
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.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	In the summer season, time to time spraying of melathiyam or other insecticide should be done in the drains near the animal shed. Due attention should be given to arrangements for provision of water to animals. The drinking troughs should be kept clean and animals should be provided water at least four times during the day. If symptoms of mastitis are seen in dairy cattle , treat it immediately.

Others (Soil / Land Preparation) Specific Advisory:

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