



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
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 Udham Singh Nagar, Pantnagar, Uttarakhand



Agromet Advisory Bulletin

Date: 10.05.2024

Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2024-05-10(Valid Till 08:30 IST of the next 5 days)

Parameter	11/05/2024	12/05/2024	13/05/2024	14/05/2024	15/05/2024
Rainfall (mm)	7	7	7	1	1
Max Temp (°C)	19	19	19	19	23
Min Temp (°C)	11	11	11	12	11
Max RH I (%)	70	70	65	65	65
Min RH II (%)	30	30	30	30	30
Wind speed (km/h)	9	9	10	10	10
Wind direction	130	130	130	130	130
Cloud cover	5	2	2	2	2

Weather Summary/ Alert:

The upcoming week predicts light to moderate rainfall of 1.0-7.0 mm and maximum-minimum temperature varying between 19.0-23.0°C and 11.0-12.0°C, respectively. The wind is expected to blow from south-east direction at a speed of 9-10 kmph. Light to moderate rainfall is likely to occur at many places on 11th & 12th May and at a few places on 10th & 13th May. Dry weather is likely to prevail during rest of the period. A yellow warning regarding occurrence of thunderstorm accompanied with lightning /hailstorm/ gusty wind is likely to occur at isolated places on 10th to 13th May, 2024.

General Advisory:

Farmers can download the "Meghdoot" and "Damini" app available for regular update of meteorological and lightning data, respectively from Google Play Store (Android users) and App Centre (iOS users). The NDVI shows moderate agricultural vigour in the region. The extended range forecast shows deficient rainfall and below normal maximum and normal minimum temperature trend during 10.05.2024 to 16.05.2024. Deep ploughing of the fields should be done after harvesting of rabi crops so that insect eggs and weeds are destroyed. Rain and strong winds are expected so the dried produce should be threshed and stored well. Any pesticide/fertilizer or irrigation application should be scheduled as per the forecast.

SMS Advisory:

As per the IMD forecast, light to moderate rainfall with thunderstorm, lightning and strong gale is expected to occur so harvested produce should be stored well.

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Wheat/chickpea/ lentil/mustard	Harvesting	The harvested produce of all the rabi crops should be dried and stored well as rainfall and strong winds have been predicted.

Rice	Sowing	In medium higher hills under irrigated conditions nursery should be prepared and treated seeds of high yielding varieties should be used. Regular weeding-hoeing should be continued in Chetki Dhan.
Pigeon pea/Red gram/Arhar	Sowing	Short duration varieties should be sown and well treated, high yielding varieties should be used. All the farming operations should be scheduled as per the forecast.

Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
French bean	Germination	To control the root and stem rot diseases in french bean, make a solution of carbendazim @ 1g/lit of water and irrigate the roots. All the farming operations should be scheduled as per the forecast.
Cowpea/Lobia	Germination	To control the root and stem rot diseases in cowpea (lobia), make a solution of carbendazim @ 1g/lit of water and irrigate the roots. All farming operations should be done keeping the forecast in mind.
Tomato/capsicum/brinjal	Transplanting	The plants should be given life saving irrigation just after transplanting and moisture conservation should be done. In one month old transplanted crop, top dressing of urea should be done. All farming operations should be scheduled as per the forecast.
Pumpkin	Vegetative/flowering	On the occurrence of leaf spot disease in cucurbitaceous (pumpkin class vegetables) crop, solution of mancozeb @ 2.5 g/lit of water should be sprayed. All farming operations should be scheduled as per the forecast.
Cabbage	Sowing	For vegetable purpose the sowing can be taken up in the hilly areas. The sowing should be scheduled as per the forecast.

Live Stock Specific Advisory

Livestock	LiveStockSpecificAdvisory
Cow/Buffalo	The animals should be kept in well ventilated places and should be continuously supplied with sufficient water. Proper fans and coolers should be arranged and the animals should be regularly washed with cold water to keep them calm. Animals of two months of age should be given an anthelmintic medicine called Piperazine and animals of two to four months of age should be vaccinated against lameness and fever.

Others (Soil/Land Preparation)

Others (Soil/Land Preparation)	Others (Soil/Land Preparation)Specific Advisory
General Advice	After harvesting the rabi crops, the fields should be cleaned well, ploughed deep to expose the harmful insects, their stages and harmful weeds for destruction.