



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



Agromet Advisory Bulletin

Date : 07-05-2024

Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2024-05-07(Valid Till 08:30 IST of the next 5 days)

Parameter	2024-05-08	2024-05-09	2024-05-10	2024-05-11	2024-05-12
Rainfall(mm)	1.0	3.0	8.0	15.0	15.0
Tmax(°C)	25.0	24.0	24.0	24.0	23.0
Tmin(°C)	14.0	14.0	13.0	13.0	12.0
RH-I(%)	70	75	80	80	80
RH-II(%)	30	30	40	40	40
Wind Speed(kmph)	9	8	8	6	6
Wind Direction(Degree)	130	130	130	130	130
Cloud Cover(Octa)	1	2	3	5	3

Weather Summary/Alert:

The upcoming week predicts light to moderate rainfall of 1.0-15.0 mm and maximum-minimum temperature varying between 23.0-25.0°C and 12.0-14.0°C, respectively. The wind is expected to blow from south-east direction at a speed of 6-9 kmph. Light to moderate rainfall likely to occur at many places on 11th May. Light to moderate rainfall likely to occur at many places in Nainital on 9th & 10th May. Very light to light rainfall likely to occur at a few places on 8th May and at isolated places in Nainital on 7th May, 2024. A yellow warning regarding occurrence of thunderstorm accompanied by lightning and strong gale (30-40 kmph) on 7 and 8 May, similar conditions with strong gale (40-50 kmph) on 9 and 10 May and similar thunderstorm and lightning accompanied by strong gale (50-60 kmph) has been given for Nainital district.

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 normal rainfall and below normal maximum-minimum temperature trend during 03.05.2024 to 09.05.2024. 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.

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

Crop (Stage)	Crop Specific Advisory
CHICK PEA (Harvesting)	The harvested produce of all the rabi crops should be dried and stored well as rainfall and strong winds have been predicted.
LENTIL (Harvesting)	The harvested produce of all the rabi crops should be dried and stored well as rainfall and strong winds have been predicted.
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 (Nursery/seedling)	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. All the farming operations should be scheduled as per the forecast.
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 (Stage)	Horticulture Specific Advisory
COWPEA/ LOBIA	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.
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.
TOMATO (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.
CAPSICUM (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.
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 (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:

Live Stock	Live Stock Specific Advisory
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.
COW	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) Specific Advisory:

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.