



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
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Agromet Advisory Bulletin

Date: 03.05.2024

Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2024-05-03 (Valid Till 08:30 IST of the next 5 days)

Parameter	04/05/2024	05/05/2024	06/05/2024	07/05/2024	08/05/2024
Rainfall (mm)	0.0	1.0	2.0	1.0	5.0
Max Temp (°C)	23.0	23.0	24.0	24.0	25.0
Min Temp (°C)	11.0	11.0	12.0	13.0	13.0
Max RH I (%)	65	65	70	70	70
Min RH II (%)	30	30	30	30	30
Wind speed (km/h)	8	12	12	10	10
Wind direction	270	130	130	130	130
Cloud cover	6	1	1	1	2

Weather Summary/ Alert:

The upcoming week predicts very light to light rainfall of 1.0-5.0 mm and maximum-minimum temperature varying between 23.0-25.0°C and 11.0-13.0°C, respectively. The wind is expected to blow from west and south-east direction at a speed of 8-12 kmph. Very light to light rainfall likely to occur at isolated places on 5th, 6th & 7th May. Dry weather is likely to prevail during the period.

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. Green manuring should be done after harvesting wheat and other crops which can be done by sowing dhaincha @50-60 kg/ha and sunai @80-90 kg/ha as per the soil. Deep ploughing of the fields should be done after harvesting of rabi crops so that insect eggs and weeds are destroyed. The dried produce should be threshed and stored well. Dry conditions are expected to prevail so irrigation measures should be taken.

SMS Advisory:

As per the IMD forecast very light rainfall has been predicted so irrigation and sowing operations should be taken accordingly.

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.
Barnyard millet	Sowing	In mid hills, millet sowing (jhangora) can be done and pre-sowing fertilizer application should be done.
Rice	Sowing	Sowing of chetki dhan and appropriate irrigation measures after sowing should be taken up.

Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
French bean/ Amaranthus/Fenugreek/ Garlic	Sowing/germination	Apply irrigation as and when required in freshly germinated crop.
Cowpea	Sowing	Sowing of the crop can be done in the hilly areas.
Tomato/capsicum/ brinjal	Transplanting	The plants should be given life saving irrigation just after transplanting.
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.
Cabbage	Sowing	For vegetable purpose the sowing can be taken up in the hilly areas.

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.