



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

Date: 15.12.2023

Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2023-12-15 (Valid Till 08:30 IST of the next 5 days)

Parameter	16/12/2023	17/12/2023	18/12/2023	19/12/2023	20/12/2023
Rainfall (mm)	0.0	0.0	0.0	0.0	0.0
Max Temp (°C)	14.0	14.0	13.0	13.0	14.0
Min Temp (°C)	3.0	4.0	3.0	3.0	3.0
Max RH I (%)	75	75	70	70	70
Min RH II (%)	35	30	30	30	30
Wind speed (km/h)	6	6	6	8	6
Wind direction	320	320	320	320	320
Cloud cover	5	1	1	1	2

Weather Summary/ Alert:

In the upcoming days no rainfall has been predicted. Maximum & minimum temperature may be 13.0-14.0 degree Celsius & 3.0-5.0 degree Celsius, respectively. Wind is expected to blow with a speed of 6-8 km/hr from the North-West-North. Dry weather is likely to prevail in the region. The extended range forecast system indicates no rainfall between 15-21 December and predicts a large deficient trend in rainfall, normal trend in maximum temperature and normal to below normal trend in minimum temperature.

General Advisory:

The weather forecast and agrometeorological advisory is regularly updated on the "Meghdoot" and "Damini App" is also available to get lightning information. Meghdoot and Damini apps can be downloaded from Google PlayStore (Android users) and App Center (iOS users). The NDVI composite shows moderate agricultural vigour in the region. Deep plowing of the orchards is must for destroying the mig insect, fruit fly, gujiya weevil and webber insect. Regular hoeing and weeding of the pulse crops should be done.

SMS Advisory:

The region is expected to experience dry weather so the farming practices should be followed accordingly.

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Chickpea/Lentil	Vegetative	The crop should be monitored and regular hoeing and weeding should be done as required.

Rapeseed (Lahi/Ghariya) and Yellow Mustard (Rada)	Vegetative/flowering	The crop should be monitored regularly. Light irrigation should be applied in valleys and lower hills as per requirement and in case of pest/disease attack, recommended practices should be followed.
Wheat	Vegetative	In both irrigated and rainfed conditions regular monitoring of the crop and suitable farming practices should be followed and done regularly.
Barley	Vegetative	The crop should be monitored regularly for hoeing and weeding.

Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
Onion	Transplanting	Transplanting of onion with prepared seedling can be done in the well manured fields.
Potato	Vegetative	The potato crop in the valleys under frost condition should be irrigated at appropriate intervals.
Cauliflower	Vegetative	Top dressing of urea should be done in transplanted cauliflower varieties and weeding-hoeing operations should be followed regularly.
Spinach	Vegetative	In irrigated valley, hoeing should be done in Methi, spinach (Palak) and Coriander after irrigation.
Apple/pear/peach/plum/khumani	Tree	Recommended practices should be followed after pruning for diseases prevention in Apple, Pear, Peach, Plum and Khumani.

Live Stock Specific Advisory

Livestock	Live Stock Specific Advisory
Buffalo / Cow	During winters, the amount of extra energy giving food items should be increased by 25 percent. The tied animals should be released for exercise and should be kept under the sun.
Sheep/goats	Animals should be taken to graze grass only when the frost dries up, otherwise they are at risk of getting enterotoxemia from frosty feed. Animals should be brought to the enclosure on time to protect them from cold.

Others (Soil/Land Preparation) Specific Advisory

Others (Soil / Land Preparation)(Varieties)	Others (Soil / Land Preparation) Specific Advisory
General Advice	On occurrence of frost/fog, irrigation should be applied to the fields at regular intervals.