



Gramin Krishi Mausam Sewa
Agromet Advisory Bulletin for NAINITAL District
Govind Ballabh Pant University of Agriculture & Technology
 Udham Singh Nagar, Pantnagar, Uttarakhand



Agromet Advisory Bulletin

Date : 2024-12-10

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2024-12-10 (Valid Till 08:30 IST of the next 5 days)

Parameter	2024-12-11	2024-12-12	2024-12-13	2024-12-14	2024-12-15
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	10.0	11.0	11.0	12.0	12.0
Tmin(°C)	2.0	3.0	3.0	4.0	4.0
RH-I(%)	70	70	70	70	70
RH-II(%)	30	30	30	30	30
Wind Speed(kmph)	2	2	3	2	2
Wind Direction(Degree)	160	140	140	90	90
Cloud Cover(Octa)	1	2	1	1	1

Weather Summary/Alert:

In the coming five days no rainfall has been predicted. Maximum & minimum temperature may be between 10.0-12.0 degree Celsius & 2.0-4.0 degree Celsius, respectively. Wind is expected to blow with a speed of 2-3 km/hr from south-south-east, south-east and east direction. Dry weather is likely to prevail from 10 to 15 December. A yellow warning has been given for cold wave occurrence at isolated places on 10 December and ground frost occurrence at isolated places from 10 to 12 December.

General Advisory:

For regular updates on weather conditions in the region, the farmers can get updates from the app "Meghdoot" and lightning update from the app "Damini" available on Google Play store (Android users) and App Centre (iOS users). The NDVI shows good agricultural vigour in the isolated regions of the state ranging 0.10-0.30. The extended range forecast shows large normal rainfall and normal maximum temperature with appreciably below minimum temperature trend during 6.12.2024 to 12.12.2024.

SMS Advisory:

As per the forecast, clear weather with cold wave and ground frost is expected so farming operations should be scheduled accordingly and irrigation should be applied as required.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
CHICK PEA	The crop should be monitored and regular hoeing and weeding should be done as required.
LENTIL	The crop should be monitored and regular hoeing and weeding should be done as required.
RAPSEED	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.
MUSTARD	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,

Crop (Stage)	Crop Specific Advisory
	recommended practices should be followed.
WHEAT	In both irrigated and rainfed conditions regular monitoring of the crop and suitable farming practices should be followed and done regularly.
BARLEY	The crop should be monitored regularly for hoeing and weeding.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
ONION	Field preparation should be done for transplanting of onion and cow dung should be used for field manuring.
POTATO	The potato crop in the valleys under frost condition should be irrigated at appropriate intervals.
CAULIFLOWER	Top dressing of urea should be done in transplanted cauliflower varieties and weeding-hoeing operations should be followed regularly.
APPLE	Recommended practices should be followed after pruning for diseases prevention in Apple, Pear, Peach, Plum and Khumani.
PEAR	Recommended practices should be followed after pruning for diseases prevention in Apple, Pear, Peach, Plum and Khumani.
PEACH	Recommended practices should be followed after pruning for diseases prevention in Apple, Pear, Peach, Plum and Khumani.
PLUM	Recommended practices should be followed after pruning for diseases prevention in Apple, Pear, Peach, Plum and Khumani.
APRICOT	Recommended practices should be followed after pruning for diseases prevention in Apple, Pear, Peach, Plum and Khumani.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	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.
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.
GOAT	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.
SHEEP	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)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	On occurrence of frost/fog, irrigation should be applied to the fields at regular intervals.