



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 : 2024-12-20

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2024-12-20 (Valid Till 08:30 IST of the next 5 days)

Parameter	2024-12-21	2024-12-22	2024-12-23	2024-12-24	2024-12-25
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	16.0	16.0	15.0	15.0	14.0
Tmin(°C)	5.0	5.0	4.0	4.0	3.0
RH-I(%)	65	65	65	65	65
RH-II(%)	25	25	25	25	25
Wind Speed(kmph)	2	2	3	2	2
Wind Direction(Degree)	340	320	140	20	320
Cloud Cover(Octa)	1	1	1	2	1

Weather Summary/Alert:

In the upcoming days no rainfall has been predicted. Maximum & minimum temperature may be 14.0-16.0 degree Celsius & 3.0-5.0 degree Celsius, respectively. Wind is expected to blow with a speed of 2-3 km/hr from the North-west, north-north-west, & South-East. Dry weather is likely to prevail in the region and a yellow warning regarding occurrence of ground frost at isolated places has been given for 20 and 21 December.

General Advisory:

The weather forecast and agrometeorological advisory is regularly updated on the "Meghdoot App" and "Damini App" is also available to get lightning information. Meghdoot and Damini apps can be downloaded from Google Play Store (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. Irrigation should be applied in case of ground frost. The extended range forecast system indicates below normal rainfall, normal maximum temperature and below normal minimum temperature trend.

SMS Advisory:

As per IMD forecast, dry weather is expected with ground frost on few days so irrigation should be applied when required and harvested produce should be stored well.

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.

Crop (Stage)	Crop Specific Advisory
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, 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	Transplanting of onion with prepared seedling can be done in the well manured fields.
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.
SPINACH	In irrigated valley, hoeing should be done in Methi, spinach (Palak) and Coriander after irrigation.
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.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	With the changing weather, there is a high chance of Pneumonia in new born babies of animals. So, it is advised that animal shed should be protected from cold and hot food should be given to the animals.
BUFFALO	To save the animal from cold, increase the amount of oil and Jaggery (Gur) in the food of animals. Caraway (Ajwain) and gur also be given to the animals. To save the animals from cold, proper arrangement of animal shed should be done. Vaccination should be given to the animals to save them from Rinderpest disease (Sheetla rog).

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.