



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
Govind Ballabh Pant University of Agriculture & Technology



Udham Singh Nagar, Pantnagar, Uttarakhand

Agromet Advisory Bulletin

Date : 30-12-2022

Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2022-12-30(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-12-31	2023-01-01	2023-01-02	2023-01-03	2023-01-04
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	14.0	13.0	12.0	13.0	13.0
Tmin(°C)	2.0	2.0	3.0	3.0	3.0
RH-I(%)	75	80	75	75	70
RH-II(%)	40	40	40	35	35
Wind Speed(kmph)	6.0	6.0	6.0	6.0	6.0
Wind Direction(Degree)	320	320	320	320	320
Cloud Cover(Octa)	2	1	2	0	1

Weather Summary/Alert:

There is a forecast of no rain in the coming five days and sky will remain p-cloudy. Maximum & minimum temperature may range from 12.0-14.0 deg C & 2.0 - 3.0 deg C respectively. Wind will blow with a speed of 6.0 km/hr from the NW direction.

General Advisory:

IMD Weather forecast and Agrometeorological advisory of your location is now available on Meghdoot mobile app in English and regional languages. Kindly download from following link Android: <https://play.google.com/store/apps/details?id=com.aas.meghdoot> iOS: <https://apps.apple.com/in/app/meghdoot/id1474048155> NDVI received from ISRO-IMD Vegetation Information System, showing NDVI range from 0.2 to 0.4, representing beginning of growth stages of vegetation in the district. In the irrigated valley, field should be selected for tomato, Capsicum and brinjal seedlings in the poly-house or poly-tunnel and soil treatment should also be done. Seed should be imported from authorized institute according to the climatic condition. Necessary arrangement of nutrients should be done for crops and weeding, hoeing and irrigation should also be done.

SMS Advisory:

There is a forecast of no rain but sky will remain p-cloudy in the coming five days. On the occurrence of frost/fog, timely irrigation should be applied in the field.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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Crop(Varieties)	Crop Specific Advisory
WHEAT	In unirrigated conditions, weeding and hoeing should be done in the crop and in irrigated condition recommended weedicide should be used to control the weed. To control the broad leaf weed, solution of 2,4 D @ 500 g/ha or metsulfuron methyl @ 4.0 g/ha in 30-35 days after sowing and isoproturon @ 1 kg/ha in case of narrow leaf weed in 30-35 days after sowing should be used.
MUSTARD	In valley and low hills, light irrigation should be applied at the time of grain filling. To control the leaf spot disease in mustard, solution of mancozeb @ 2.5 g/liter of water should be sprayed.
BARLEY	Weeding and hoeing should be done after 25-30 days of sowing in late sowing variety of Barley and necessary irrigation should be applied.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CAPSICUM	Capsicum Seeds should be sown in the nursery. To save the nursery from frost, cover it with white plastic and proper movement of sun rays and air should be maintained.
CABBAGE	Mulching should be done after weeding and hoeing in the seed crop of cabbage and cauliflower.
POTATO	To control the late blight disease in potato, it is advised that solution of Mancozeb @ 2.5g/liter of water should be sprayed.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	To save the animals from the cold, proper arrangement of the animal shed should be done. Sitting places of animals should be leveled so that their productive capacity is not affected and special care should be given to the newborn animals. To save the animal from cold, dry grasses, paddy residue (Puwal) etc which are not used as fodder for animals should be used as a bedding material for animals in sheds. Door and window should be covered properly so that cold wind could not be entered in the animal shed. 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. In hilly areas, the heater may be used to protect the animals from cold. Rice husk should be given to the animals as food which is the source of energy.
COW	To save the animals from the cold, proper arrangement of the animal shed should be done. 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. In hilly areas, the heater may be used to protect the animals from cold. Rice husk should be given to the animals as food which is the source of energy.