



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 : 20-12-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-12-20(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-12-21	2022-12-22	2022-12-23	2022-12-24	2022-12-25
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	24.0	23.0	23.0	23.0	24.0
Tmin(°C)	5.0	5.0	4.0	4.0	5.0
RH-I(%)	65	65	65	65	65
RH-II(%)	30	30	30	30	30
Wind Speed(kmph)	6.0	6.0	6.0	6.0	6.0
Wind Direction(Degree)	310	320	320	310	300
Cloud Cover(Octa)	2	0	0	0	1

Weather Summary/Alert:

In the last seven days (13 - 19 Dec, 2022), there was 0.0 mm rain and the sky was clear. The maximum & minimum temperatures ranged between 21.4 to 26.0°C and 4.9 to 7.9°C respectively. Relative humidity ranges from 89 to 94 % at 0712 hrs and 37 to 52 % at 1412 hrs. The wind was mainly from the WNW & ENE with a speed of 0.5 to 2.0 km/hour. In the coming five days, weather will remain clear. Maximum & minimum temperature may range from 23.0-24.0 deg C & 4.0 - 5.0 deg C respectively. Wind will blow with a speed of 6.0 km/hr from the NW direction. As per ERF, rainfall will be below normal, maximum & minimum temperature will be normal respectively in the state from 25 to 31 December.

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>

SMS Advisory:

In the coming five days, weather will remain clear. Farmers are advised to irrigate the crop as per requirement.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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Crop(Varieties)	Crop Specific Advisory
WHEAT	In timely sown wheat, first irrigation should be given after 20-25 days of sowing. After 3-4 days of first irrigation, remaining dose of Nitrogen should be applied as top dressing in the afternoon. To control the weed in the wheat, first and second weeding and hoeing should be done after 25-30 days and 45-50 days of sowing respectively. Sowing of late sown variety of wheat should be done till 25 December. In case of late sowing, decrease in temperature has an adverse effect on germination and growth of wheat crop. So it is advise that seed rate should be 25% more. Sowing should be done at a distasnce of 15-18 cm in lines and at a depth of 3-4 cm.
MUSTARD	Light irrigation should be given at the time of grain filling in late sown crops of toria and yellow mustard. To control the leaf spot disease in mustard, solution of mancozeb @ 2.5 g/liter of water should be sprayed. Harvesting of yellow mustard & toria, sown in the month of September should be done on maturity.
BARLEY	Late sowing variety of Barley like-Jyoti, Preeti, Manjula, Jagrati should be selected. Seed rate should be 100-110Kg seed/Ha. Sowing of seeds should be done at 18-20cm in the lines and comple the sowing by second fortnight of December.
SUGARCANE	Weeding and hoeing should be done in the sugarcane crop and remaining dose of nitrogen should be applied on time.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
TOMATO	On the occurrence of yellowish brown spot in tomato, mancozeb 2.5-3g/lit of water should be sprayed.
BRINJAL	On the withering of brinjal, solution of carbendazim @1 g/ lit of water should be sprayed. If whole plant is drying then root should be irrigated with the same solution.
CHILLI	On the shrinkage or getting piebald of upper leaves of chilly and tomato, infected plants should be removed and destroyed. To control the disease carried insects any sarvangi insecticide should be sprayed.
VEGETABLE PEA	When lower leaves of pea are turning yellow and plants are drying, then roots of pea crop should be irrigated with the solution of carbendazim @ 1 g/ lit of water.
MANGO	To stop the Gujjiya keet for climbing on a tree, the stem of the tree should be covered by fine soil layer up to 40 cm height from the ground in the last week of this month and wrap up with 25 cm broad strip of 400 gazes thick polythene and tie with the help of sutali. Along with this grease must be applied in the lower portion.

Live Stock Specific Advisory:

Live Stock(Varieties)	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).