



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 : 27-12-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-12-27(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-12-28	2022-12-29	2022-12-30	2022-12-31	2023-01-01
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	20.0	20.0	20.0	21.0	20.0
Tmin(°C)	3.0	4.0	5.0	4.0	3.0
RH-I(%)	75	75	75	75	75
RH-II(%)	30	30	30	35	35
Wind Speed(kmph)	8.0	8.0	8.0	6.0	6.0
Wind Direction(Degree)	310	320	270	270	310
Cloud Cover(Octa)	0	1	2	2	0

Weather Summary/Alert:

In the last seven days (20 - 26 Dec, 2022), there was 0.0 mm rain and the sky was clear. The maximum & minimum temperatures ranged between 17.0 to 24.5°C and 3.9 to 9.1°C respectively. Relative humidity ranges from 84 to 97 % at 0712 hrs and 40 to 64 % at 1412 hrs. The wind was mainly from the WNW, WSW & ENE with a speed of 0.8 to 3.1 km/hour. In the coming five days, weather will remain clear. Maximum & minimum temperature may range from 20.0-21.0 deg C & 3.0 - 5.0 deg C respectively. Wind will blow with a speed of 6.0-8.0 km/hr from the NW & W direction. Warning: Dense to very dense fog likely to occur in some parts of plains and cold to severe cold day condition likely to occur at a few places in the district from 27 to 29 December. As per ERF, rainfall, maximum & minimum temperature will be below normal respectively in the state from 1 to 7 Jan 2023.

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. Warning: Dense to very dense fog likely to occur in some parts of plains and cold to severe cold day condition likely to occur at a few places in the district from 27 to 29 December.

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
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.
BARLEY	जौ की पछेती दशा में बुवाई हेतु संस्तुत किस्में- ज्योति, प्रीति, मंजुला, जागृति का चुनाव करें। बीज दर 100-110 कि०ग्रा०/ हैक्टेयर व बुवाई 18-20 से०मी० की दूरी पर कतारों में करें। बुवाई दिसम्बर के दूसरे पखवाड़े तक अवश्य पूरा कर लें।
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.
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
POTATO	To control the late blight disease in potato, it is advised that solution of Mancozeb @ 2.5g/liter of water should be sprayed.
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, infected plants should be removed and destroyed. To control the disease carried insects any sarvangi insecticide should be sprayed.
MANGO	Deep plowing of orchard should be done to destroy Mig insect, fruit fly, Gujjiya keet and webber insect which remain in the field.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
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).
COW	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).