



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 : 08-10-2021

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-10-08(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-10-09	2021-10-10	2021-10-11	2021-10-12	2021-10-13
Rainfall(mm)	0	0	0	0	0
Tmax(°C)	33	33	34	34	34
Tmin(°C)	22	22	23	23	23
RH-I(%)	80	80	75	75	75
RH-II(%)	65	60	55	55	50
Wind Speed(kmph)	6	6	6	6	6
Wind Direction(Degree)	320	320	320	130	320
Cloud Cover(Octa)	2	2	2	3	1

Weather Summary/Alert:

In the last seven days (1 – 7 October 2021), there was 7.3 mm rain and the sky was clear and cloudy to dense cloudy. The maximum & minimum temperatures ranged between 31.5 to 33.5°C and 21.9 to 25.1°C respectively. Relative humidity ranges from 87 to 95 % at 0712 hrs and 51 to 66 % at 1412 hrs. The winds run mainly from the WNW with a speed of 0.8 to 3.7 km/hour. In the coming five days weather will remain clear. Maximum & minimum temperature may range from 33.0 to 34.0 deg C & 22.0 to 23.0 deg C respectively. Wind will blow with a speed of 6.0 km/hr from the ESE & WNW direction.

General Advisory:

Farmers are advised to download the "DAMINI App" to get the lightning activity and "Meghdoot App" to get past week weather, weather forecast, and agromet advisory. DAMINI and Meghdoot App can be downloaded from the google play store (Android users) and App Center (IOS users). NDVI & SPI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.35-0.55 for U S Nagar i.e. agriculture vigor is moderate to good in the district. SPI map indicates the mildly dry conditions in the district for the past 4 weeks. Weather will remain clear in the coming five days so farmers are advised to harvest the mature crops.

SMS Advisory:

There is a forecast of no rain in the coming days, so farmers can spray the chemicals as per the recommendation to control the pest or disease in the crop.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
PADDY	Farmers can harvest the early variety of crop on their maturity. Farmers are advised to monitor the standing mid and late duration crop regularly.
MAIZE	Harvesting of maize should be done.
BARSEEM	Sowing of barseem should be done in the first fortnight of this month.
SUGARCANE	Sowing of winter season sugarcane must be done by October 15.
MUSTARD	Mustard and Rai should be sown in the first fortnight of October.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CORIANDER	Sowing of coriander should be done.
CABBAGE	Farmers who have not sown seeds of cabbage and knol khol are advised to sow the seeds as soon as possible.
POTATO	Sowing of early variety of potato should be done.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Vaccinate the weaned six-month-old calves with combined vaccines of brucellosis / infectious abortion, IVR, bovine viral, diarrhea, parainfluenza, gulagotas, etc. and a second combined vaccine called Blackleg 7 should be done at an interval of 15-21 days.
Buffalo	Animals get vaccinated for the prevention of foot and mouth disease.