



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 : 16-11-2021

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-11-16(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-11-17	2021-11-18	2021-11-19	2021-11-20	2021-11-21
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	26.0	26.0	26.0	27.0	28.0
Tmin(°C)	11.0	11.0	12.0	12.0	11.0
RH-I(%)	90	85	80	75	70
RH-II(%)	40	45	45	40	40
Wind Speed(kmph)	4.0	4.0	4.0	4.0	4.0
Wind Direction(Degree)	310	100	310	310	310
Cloud Cover(Octa)	1	2	3	1	1

Weather Summary/Alert:

In the last seven days (9 – 15 November, 2021), there was 0.0 mm rain and the sky was clear. The maximum & minimum temperatures ranged between 27.5 to 29.0°C and 12.1 to 13.4°C respectively. Relative humidity ranges from 89 to 95 % at 0712 hrs and 33 to 42 % at 1412 hrs. The wind was calm & run mainly from the WNW with a speed of 0.4 to 1.1 km/hour. Weather will remain clear in the coming five days. Maximum & minimum temperature may range from 26.0 to 28.0 deg C & 11.0 to 12.0 deg C respectively. Wind will blow with a speed of 4.0-6.0 km/hr from the NW direction. As per ERF, the rainfall will be below normal and maximum & minimum temperature will be normal in the state from 21 to 27 November.

General Advisory:

Farmers are advised to download the “Meghdoot App” to get past week weather, weather forecast, and agromet advisory and "Damini App" to get lightning information. Meghdoot and Damini Apps can be downloaded from the google play store (Android users) and App Center (IOS users). Weather will remain clear in the coming five days. NDVI & SPI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.1-0.4 for U S Nagar i.e. agriculture vigor is moderate to good in the district and SPI map indicates extreme wet condition from 14 Oct to 10 Nov in the district. Field should be cleaned properly before sowing of rabi crop and use fully decomposed FYM or compost before sowing of crops and vegetable as it improves the physical and biological properties of soil and thus increases the water retention capacity as well as nutrient status of the soil.

SMS Advisory:

Weather will remain clear in the coming days. Sowing of rabi crop should be continued. Seed treatment should be done before sowing to prevent the crop from various diseases.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
BARLEY	In the second fortnight of the month, sow barley in irrigated condition.
LENTIL	In the crop sown in unirrigated condition last month, remove the weeds by weeding at the stage of 25-30 days.
CHICK PEA	Normal sowing of gram should be completed in the second fortnight of November. Sowing of chickpea varieties like Pant Kabuli Chana 1, 2 should be done in irrigated condition. In irrigated condition, sowing of varieties should be done in lines at a distance of 45 cm at 6-8 cm depth. Before sowing, self-produced seeds should be treated with 2 g/kg seed of thiram to prevent seed borne diseases and then treated with organic fertilizers.
Oat	Complete the sowing of oats. Improved varieties of oats like Kent, UPO-94, UPO-212 etc should be selected for sowing.
SUGARCANE	In winter sugarcane, weeding and hoeing is done on 25-30 days of sowing. Irrigation should be done at 30-40 days after sowing as required.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
MANGO	Clearing and ploughing of orchard should be done at the earliest. On the occurrence of web insect, cleaning of web should be done by using web machine and Quinalphos @ 2ml/liter should be sprayed.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	Proper arrangements should be done to protect animals from cold. To save the buffalo calf from patera disease, 10-15 CC Neem oil should be given to the calf immediately after 10 days of his birth. Again after 10 days, 10-15 CC Neem oil should be given. Chenopodium album oil can also be given as a fodder to animals to save the calf/animals from patera disease.