



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 : 17-02-2023

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2023-02-17(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-02-18	2023-02-19	2023-02-20	2023-02-21	2023-02-22
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	27.0	28.0	29.0	30.0	31.0
Tmin(°C)	10.0	12.0	13.0	12.0	12.0
RH-I(%)	80	80	85	85	85
RH-II(%)	30	35	35	35	35
Wind Speed(kmph)	6.0	6.0	6.0	6.0	6.0
Wind Direction(Degree)	130	100	310	110	90
Cloud Cover(Octa)	2	1	1	6	3

Weather Summary/Alert:

In the last seven days (10 – 16 Feb, 2023), there was 0.0 mm rain and the sky was clear to p-cloudy. The maximum & minimum temperatures ranged between 27.0 to 31.0°C and 9.0 to 12.0°C respectively. Relative humidity ranges from 70 to 95 % at 0712 hrs and 26 to 47 % at 1412 hrs. The wind was mainly from the WSW & WNW with a speed of 0.7 to 12.7 km/hour. In the coming five days, weather will remain clear. Maximum & minimum temperature may range from 27.0 to 31.0 deg C & 10.0 to 13.0 deg C respectively. Wind will blow with a speed of 6.0 km/hr from the E, NW, SE & ESE direction. As per ERF, the rainfall, maximum and minimum temperature will be normal in the state from 22 to 28 February. Warning: Maximum temperature likely to remain above normal by 6 to 8°C in the district during 17 to 20 Feb.

General Advisory:

High diurnal variation in temperature is conducive for the spread of cold and flu. People (especially the children and elderly) are advised to wear woolen/warm clothes during morning/night times to be protected from diurnal variation in temperature. There is a high chance of reduction in soil moisture for agriculture field/orchards due to high temperature so, farmers are advised to irrigate the crops/orchards to reduce the impact of high temperature. 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 data received from ISRO-IMD Vegetation Information System indicated that the NDVI ranged between 0.01-0.4 for different villages in U S Nagar district.

SMS Advisory:

In the coming five days, weather will remain clear. Farmers are advised to irrigate the crops/orchards to reduce the impact of high temperature.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
MUSTARD	Irrigation should be arranged as per requirement in rai and mustard crop at grain filling stage of these crops.
SUNFLOWER	Sunflower varieties like Mordan, Surya should be sown in second fortnight of February.
SUGARCANE	Sowing of spring season sugarcane crop should be done in the second fortnight of this month.
MAIZE	Sankul variety of maize like Naveen, Shweta, Navjot, Kanchan, Surya, Gaurav, Sweet corn: Madhuri and hybrid maize variety Ganga-11 should be sown in second fortnight of February.
LENTIL	Irrigation should be arranged as per requirement in lentil crop at grain filling stage.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BOTTLE GOURD	Field preparation should be done for sowing bottle gourd (lauki), bitter gourd (Karela), ridged gourd (Torai) and pumpkin (Kashiphal) crop. Compost should be used as nutrients for Cucumber class crop.
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.
CABBAGE	Top dressing of Urea should be done in Cabbage and Cauliflower crop after weeding and hoeing and moisture should be maintained in the field.
MANGO	Polythene strips used to save mango from Mango mealy bug (or kri keet or Gujiya) should be cleaned with the help of clean cloth.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	Disbudding or destroy the horn buds of calves of cow/buffalo at the age of one week.
GOAT	Goats and sheep should be vaccinated by sheep/goat pox to protect them from chickenpox.