



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 : 14-12-2021

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-12-14(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-12-15	2021-12-16	2021-12-17	2021-12-18	2021-12-19
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	22.0	23.0	23.0	21.0	20.0
Tmin(°C)	6.0	6.0	8.0	7.0	6.0
RH-I(%)	90	90	90	95	95
RH-II(%)	60	50	55	55	60
Wind Speed(kmph)	6.0	6.0	6.0	8.0	6.0
Wind Direction(Degree)	310	310	320	330	310
Cloud Cover(Octa)	1	1	2	2	1

Weather Summary/Alert:

In the last seven days (7 – 13 December, 2021), there was 0.0 mm rain and the sky was clear. The maximum & minimum temperatures ranged between 23.5 to 26.0°C and 7.5 to 10.4°C respectively. Relative humidity ranges from 92 to 95 % at 0712 hrs and 43 to 52 % at 1412 hrs. The wind was calm & run mainly from the WNW & ENE with a speed of 1.1 to 8.4 km/hour. In the coming five days, weather will remain clear. Maximum & minimum temperature may range from 20.0 to 23.0 deg C & 6.0 to 8.0 deg C respectively. Wind will blow with a speed of 6.0-8.0 km/hr from the NW direction. As per ERF, the rainfall will be below normal, maximum & minimum temperature will be normal in the state from 19 to 25 December.

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). 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 in the district and SPI map indicates mildly wet condition from 11 November to 8 December in the district. Monitor insect, pest, mites and diseases in vegetables. Intercultural operations are advised to remove the weeds in seasonal vegetables. Application of remaining doses of fertilizer should be done in 15-25 days old crop.

SMS Advisory:

Weather will remain clear in coming days. The farmers are advised to maintain the proper moisture in the field of vegetable crops.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
PIGEON PEA (RED GRAM/ARHAR)	There is no possibility of rain in the coming days, so the farmer brothers should do light irrigation in the crop if there is a shortage of moisture in the field.
SUGARCANE	Irrigate the winter season sugarcane crop as per requirement and weeding, hoeing should also be done.
WHEAT	Farmers are advised to irrigate the wheat crop at Crown Root initiation stage which comes around 21 days after sowing of the crop. Late sowing of wheat must be completed by 25 December otherwise yield decreases significantly. Weeding and hoeing should be done in the crop sown in unirrigated condition.
CHICK PEA	Weeding and hoeing should be done in the crop sown in the last month.
Oat	Irrigate the oat crop on 20-25 days after sowing and do top dressing of nitrogen as per the recommendation.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
POTATO	In case of viral infection in potato, uproot the infected plants and destroy them. Farmers are advised to start earthing-up in potato if crop has attained a height of 15-22 cm. If required, the practice may be repeated after 15 days.
VEGETABLE PEA	Weeding should be done in the crop after 20-25 days of sowing.
TOMATO	On the occurrence of fruit borer in the Tomato, fruit should be used only after 3 days and 5 days of spraying of Chlorantraniliprole 18.5 SC @ 150ml/Ha or Indoxacarb 14.5 SC @ 500ml/Ha respectively.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	If the animals have not yet been vaccinated against FMD, Haemorrhagic Septicaemia, Black Quarter, Enterotoxemia etc., this must be done during this month. To protect animals from a sudden drop in temperature, keep the animals in a covered shed/area during the night.
COW	If the animals have not yet been vaccinated against FMD, Haemorrhagic Septicaemia, Black Quarter, Enterotoxemia etc., this must be done during this month. To protect animals from a sudden drop in temperature, keep the animals in a covered shed/area during the night.