



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 : 10-12-2021

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-12-10(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-12-11	2021-12-12	2021-12-13	2021-12-14	2021-12-15
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	24.0	23.0	23.0	22.0	22.0
Tmin(°C)	8.0	7.0	7.0	7.0	6.0
RH-I(%)	85	80	75	75	70
RH-II(%)	50	45	40	40	40
Wind Speed(kmph)	6.0	6.0	6.0	6.0	6.0
Wind Direction(Degree)	310	310	320	320	330
Cloud Cover(Octa)	1	1	2	2	1

Weather Summary/Alert:

In the last seven days (3 – 9 December, 2021), there was 0.0 mm rain and the sky was clear. The maximum & minimum temperatures ranged between 22.0 to 27.0°C and 9.4 to 15.4°C respectively. Relative humidity ranges from 91 to 95 % at 0712 hrs and 43 to 69 % at 1412 hrs. The wind was calm & run mainly from the WSW & ENE with a speed of 1.1 to 5.7 km/hour. In the coming five days, weather will remain clear. Maximum & minimum temperature may range from 22.0 to 24.0 deg C & 6.0 to 8.0 deg C respectively. Wind will blow with a speed of 6.0 km/hr from the NW direction. As per ERF, the rainfall, maximum & minimum temperature will be below normal in the state from 15 to 21 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.

SMS Advisory:

Weather will remain clear in coming days. The farmers are advised to keep monitoring the pests and diseases in vegetables and crops and use the recommended chemicals as per the requirement.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
WHEAT	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.
GARLIC	If thrips are presents in the garlic crop, spray fipronil 5 SC @ 2ml/lit.
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.
CHICK PEA	Late sowing of chickpea varieties like Uday and Pant G 186 should be completed by mid of this month.
LENTIL	Late sowing of lentil varieties like Pant L. 406 should be completed by mid of this month.
BARLEY	Late sowing of Barley should be completed by mid of this month.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
POTATO	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.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Vaccination of FMD (Foot and Mouth Disease) should be given to the animals.
BUFFALO	To save the animal from cold, dry grasses, paddy residue (Puwal), etc which are not used as fodder for animals should be used as a bedding material for animals in sheds. The door and window should be covered properly so that cold wind could not be entered in the animal shed. The sitting place of animals should be leveled.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
HEN	Add a thick (3-6") layer of straw, sawdust, or wood bark to the floor. Brooder should be installed to prevent cold.