



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 : 11-03-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-03-11(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-03-12	2022-03-13	2022-03-14	2022-03-15	2022-03-16
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	30.0	31.0	31.0	32.0	32.0
Tmin(°C)	11.0	11.0	12.0	12.0	13.0
RH-I(%)	90	90	85	85	80
RH-II(%)	45	45	40	35	35
Wind Speed(kmph)	6.0	6.0	6.0	6.0	6.0
Wind Direction(Degree)	320	320	320	320	320
Cloud Cover(Octa)	0	0	0	0	0

Weather Summary/Alert:

In the last seven days (4 – 10 March, 2022), there was 0.0 mm rain and the sky was Clear to cloudy. The maximum & minimum temperatures ranged between 25.5 to 29.6°C and 9.4 to 12.5°C respectively. Relative humidity ranges from 88 to 97 % at 0712 hrs and 28 to 55 % at 1412 hrs. The wind was mainly from the WNW & WSW with a speed of 1.6 to 6.5 km/hour. In the coming five days, weather will remain clear. Maximum & minimum temperature may range from 30.0 to 32.0 deg C & 11.0 to 13.0 deg C respectively. Wind will blow with a speed of 6.0-7.0 km/hr from the WNW direction. As per ERF, the rainfall will be below normal and maximum & minimum temperature will be above normal in the state from 16 to 22 March.

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 indicated that the NDVI ranged between 0.2-0.55 for U S Nagar during 26 Feb-4 March i.e. agriculture vigor is moderate to good in the district. SPI map indicates the mildly wet conditions in the district for the past 4 weeks i.e. during 10 February to 9 March 2022.

SMS Advisory:

In the coming five days, weather will remain clear. Farmers can do agricultural operations like irrigation, spraying of chemicals etc in the field.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
WHEAT	Necessary irrigation should be given in the wheat crop as needed. Remove weeds like Gulli Danda and jalgi jai (wild oats) and destroy them. On the occurrence of aphid in wheat, spray the solution of Thiomethaxam 25 WSG @ 100 ml/ha or Imidacloprid 17.8 SL @ 140 ml/ha in 500-600 liters of water. Do second spray at an interval of 15 days. Spray should be done in the morning or evening hours when there is no rain or strong wind.
MUSTARD	Harvest the mature crop of black mustard (rai) and store the grain after drying.
CHICK PEA	Light irrigation should be given in the chickpea crop at the time of pod formation. To control the blight disease in gram, Mancozeb 75% WP @ 2.5g/lit should be sprayed.
LENTIL	To control the blight disease in lentil, Mancozeb 75% WP @ 2.5g/lit should be sprayed.
SUGARCANE	Irrigate the crop sown in the month of February and remove weeds by hoeing after 3-4 days. Complete the sowing of spring sugarcane by 15th of March. One line of urd, moong or cowpea can be sown as intercrops between two rows of sugarcane. Irrigate the winter crop of sugarcane as per requirement and do top dressing of urea as per recommendation.
GARLIC	Weeding, hoeing and irrigating should be done in garlic as per the requirement.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
POTATO	Complete the digging of potatoes by 15th March . Potato rot starts with late digging.
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 and Indoxacarb 14.5 SC @ 500ml/Ha respectively.
ONION	Weeding, hoeing and irrigating should be done in onion crop as per the requirement.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	Sitting place of animals should be leveled so that their productive capacity is not affected and special care should be given to the new born animals.