



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 : 18-10-2021

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-10-18(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-10-19	2021-10-20	2021-10-21	2021-10-22	2021-10-23
Rainfall(mm)	120.0	30.0	1.0	0.0	0.0
Tmax(°C)	25.0	27.0	29.0	31.0	32.0
Tmin(°C)	18.0	19.0	18.0	18.0	18.0
RH-I(%)	95	95	90	90	85
RH-II(%)	75	75	65	50	45
Wind Speed(kmph)	12.0	8.0	8.0	8.0	8.0
Wind Direction(Degree)	70	70	300	320	320
Cloud Cover(Octa)	8	7	1	1	1

Weather Summary/Alert:

In the last seven days (11 – 17 October, 2021), there was 0.0 mm rain and the sky was clear to dense cloudy. The maximum & minimum temperatures ranged between 32.5 to 35.5°C and 17.5 to 24.4°C respectively. Relative humidity ranges from 73 to 91 % at 0712 hrs and 32 to 80 % at 1412 hrs. The winds run mainly from the ENE & WNW with a speed of 0.5 to 1.9 km/hour. Heavy to very heavy rain on 18 October and moderate rain on 19 October may likely occur and after that from 20 to 22 Oct weather will remain clear. Maximum & minimum temperature may range from 25.0 to 32.0 deg C & 18.0 to 19.0 deg C respectively. Wind will blow with a speed of 8.0-12.0 km/hr from the E & NW direction. There is a warning of heavy to very heavy rain likely to occur at many places (50-75 % area) with extremely heavy rain at isolated places (25% area) and moderate thunderstorm accompanied with lightning/Hail and gusty wind (30-40 KMPH) likely to occur at a few (25-50% area) places today on 18 October.

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). Keeping in view the forecast of moderate to heavy rain, Do not irrigate the crop and spraying of chemicals should not be done.

SMS Advisory:

There is a forecast of heavy rain on 18 October and moderate rain on 19 October. From 20 to 22 Oct, very light rain may occur on 20 Oct at isolated places, otherwise weather will remain clear.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
LENTIL	Sowing of lentil crop should be done in the second fortnight of this month by keeping in view the weather forecast. Lentil varieties like PL 406, PL 639] PL-4,5,7,8, DPL-15, 62 should be selected for sowing . Seed rate for sowing should be 30-40 kg/ha.
FIELD PEA	Dwarf variety of field pea like Aparna, Malviya matar-5, DDR-23, Pant matar 13, 14, 25, 75 & normal variety of pea like Pant matar-42 should be selected for sowing. Sowing should be done with seed rate 100-125 kg/ha and 75-80kg/ha for dwarf and normal varieties respectively of pea at a distance 30 cm.
WHEAT	In unirrigated condition, timely sowing of wheat varieties like- PBW 644, PBW 396, PBW 299, C 306 and WH 1080 should be done in the second fortnight by keeping in view the weather forecast.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BEETROOT	In tarai, farmers can sow the beetroot crop in this month. Sowing should be done by keeping in view the weather forecast.
VEGETABLE PEA	Sowing of vegetable pea should be done by keeping in view the weather forecast.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	Take care of the availability of fodder to the milch animals, so that they do not have diseases related to deficiency of vitamins and essential elements.
COW	During this month most of the cows/buffalo are in heat. Therefore, observe the symptoms of heating in animals regularly in the morning and evening hours, so that the heating period of animal would not pass away without conception.