



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
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 Udham Singh Nagar, Pantnagar, Uttarakhand



Agromet Advisory Bulletin

Date : 23-07-2021

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-07-23(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-07-24	2021-07-25	2021-07-26	2021-07-27	2021-07-28
Rainfall	15.0	12.0	70.0	50.0	45.0
Tmax(°C)	33.0	33.0	32.0	30.0	29.0
Tmin(°C)	26.0	25.0	25.0	24.0	23.0
RH-I(%)	80	85	95	95	95
RH-II(%)	50	65	70	70	70
Wind Speed(kmph)	12.0	12.0	14.0	14.0	12.0
Wind Direction(Degree)	120	120	130	130	130
Cloud Cover(Octa)	6	7	8	8	8

Weather Summary/Alert:

In the last seven days (16–22 July, 2021), there was 168.6 mm rain and the sky was cloudy to dense cloudy. The maximum & minimum temperatures ranged between 26.5 to 33.0°C and 24.2 to 27.0°C respectively. Relative humidity ranges from 75 to 97 % at 0712 a.m. and 57 to 97 % at 1412 hrs. The winds run mainly from the ESE & ENE with a speed of 2.5 to 11.2 km/hour. Light rain on 23 & 24 July and moderate to heavy rain from 25 to 27 July may likely occur. Maximum & minimum temperature may range from 29.0 to 33.0 deg C & 23.0 to 26.0 deg C respectively. Wind will blow with a speed of 11.2-14.0 km/hr from the ESE direction. As per ERFs products, rainfall will be above normal, and maximum & minimum temperature will be normal from 28 July - 3 August in the state. Warning: Heavy to very heavy rainfall with intense spells likely to occur at a few places with extremely heavy rainfall at isolated places on 25 & 26 July.

General Advisory:

In view of the second wave of Corona (Covid-19), the farmers are advised to follow the guidelines given by the Government of India, personal hygiene, use of masks, washing hands at appropriate intervals during agricultural operations. NDVI & SPI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.1-0.45 for Nainital i.e. agriculture vigor is moderate in the district. SPI map indicates the mildly wet conditions in the district for the past 4 week. Farmers are advised to download "Meghdoot" and "Damini" mobile apps on their smartphones from Google Play Store for free to get timely weather forecasts and district wise Agromet advisory bulletins and lightning information.

SMS Advisory:

Light rain on 23 & 24 July and moderate to heavy rain from 25 to 27 July may likely occur. In view of the weather forecast, farmers should not use irrigation and chemicals in the fields.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
SESAME (GINGELLY/TIL)	Sowing of sesame crops should be done in this fortnight by keeping in view the weather forecast.
PIGEON PEA (RED GRAM/ARHAR)	Weeding and hoeing should be done in the crop sown in the month of June.
GREEN GRAM	Moong varieties like Pant moong 4 & Pant moong 5 should be selected for sowing in the second fortnight of July. Seed treatment of moong should be done with 2 g thiram and 1 g carbendazim for 1 kg of seed.
RICE	Transplanting of paddy should be completed this month. Spray fertilizers and weedicides according to the recommendation and keeping in mind the weather forecast.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BOTTLE GOURD	Make scaffolding in bottle gourd crop. Proper drainage should be maintained in the field of vegetable crops.
BRINJAL	Arrangement for proper drainage should be done in the field of the brinjal crop.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	If the animals have not yet been vaccinated against FMD, hemorrhagic Septicaemia, Black Quarter, Enterotoxemia, etc., this must be done at this time. Adult sheep and goats must be vaccinated against Enterotoxemia.
BUFFALO	Do not let animals graze in irrigated fodder fields, since after the long summer, the sudden growth in the fodder due to the onset of monsoons, leads to the presence of poisonous cyanide in it. This is especially so in the Jowar crop. These fodder crops should, therefore, not be harvested before time or fed to animals.