



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 : 15-07-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-07-15(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-07-16	2022-07-17	2022-07-18	2022-07-19	2022-07-20
Rainfall(mm)	1.0	4.0	5.0	20.0	70.0
Tmax(°C)	36.0	37.0	37.0	37.0	34.0
Tmin(°C)	28.0	28.0	27.0	27.0	25.0
RH-I(%)	70	70	70	80	95
RH-II(%)	40	40	40	40	70
Wind Speed(kmph)	12.0	12.0	8.0	8.0	12.0
Wind Direction(Degree)	130	130	130	130	130
Cloud Cover(Octa)	4	2	1	7	8

Weather Summary/Alert:

In the last seven days (8 – 14 July, 2022), there was 92.8 mm rain and the sky was Clear to cloudy. The maximum & minimum temperatures ranged between 29.0 to 36.0°C and 24.9 to 28.5°C respectively. Relative humidity ranges from 77 to 95 % at 0712 hrs and 57 to 81 % at 1412 hrs. The wind was mainly from the ENE & ESE with a speed of 0.5 to 4.7 km/hour. In the coming five days, very light to light rain from 15 to 17 July, moderate rain on 18 July and heavy rain on 19 July may occur. Activity of monsoon will be more on 19 July. Maximum & minimum temperature may range from 34.0 to 37.0 deg C & 25.0 to 28.0 deg C respectively. Wind will blow with a speed of 8.0-12.0 km/hr from the ESE direction. Warning: Heavy to very heavy rainfall likely to occur at a few places (25-50% area) with extremely heavy rainfall at isolated (upto 25% area) places on 19 July. As per ERF, the rainfall, maximum & minimum temperature will be normal in the state from 21 to 27 July.

General Advisory:

NDVI & SPI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.1-0.4 for Udham Singh Nagar i.e. agriculture vigor is moderate in the district. SPI map indicates the mildly wet conditions in the district for the past 4 weeks (16 June to 13 July). 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). Rain water should not be given to the animals.

SMS Advisory:

In the coming five days, very light to light rain from 15 to 17 July, moderate rain on 18 July and heavy rain on 19 July may occur. Maintain proper drainage system in the field.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Transplanting of paddy should be completed in this month. For transplanting of paddy, row to row and plant to plant distance should be 20cm and 10 cm respectively. Again transplant paddy in place of dead plants within 10 days of the transplanting.
SUGARCANE	Keeping in view the forecast of light to moderate rain, it is advised that proper drainage should be maintained in the field.
MAIZE	Weeding and hoeing should be done in the Maize sown in the month of June after 15 and 30 days of sowing and top dressing of Nitrogen may be given when crop attained the height of around 2 feet and proper drainage should be maintained in the field. Sowing of the maize crop should be completed on the ridges by keeping in view the weather forecast.
BLACK GRAM	Sowing of urd should be done in the second fortnight of the month keeping in mind the weather forecast.
GREEN GRAM	Sowing of green gram should be done in the second fortnight of the month keeping in mind the weather forecast.
SOYABEAN	Farmers should maintain proper drainage system in the field.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CAULIFLOWER	Keeping in view the forecast of rain in coming days, proper drainage should be arranged in the field where early variety of Cauliflower transplanted.
CHILLI	Transplanting of Chilly may be done on the ridge with row to row and plant to plant distance of 50cm and proper drainage should be made because excess amount of water for about 24 hours in the field dried up the crop.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	July & August month is highly favourable for cattles' delivery. So, it is recommended that their dwelling place should be clean and hygienic. Just after delivery, tie the navel of new born baby of cattle by cutting it with sharp and clean knife, then apply Gentian violet paint or tincture iodine. After animal's delivery, Gynotone or Utrotone medicine @ 200ml should be given in morning and evening hours for three days to clean the womb.