



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 : 08-07-2022

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

Parameter	2022-07-09	2022-07-10	2022-07-11	2022-07-12	2022-07-13
Rainfall(mm)	20.0	60.0	12.0	5.0	5.0
Tmax(°C)	35.0	30.0	32.0	35.0	35.0
Tmin(°C)	26.0	24.0	25.0	27.0	26.0
RH-I(%)	90	90	85	75	75
RH-II(%)	40	65	50	40	40
Wind Speed(kmph)	12.0	12.0	10.0	8.0	8.0
Wind Direction(Degree)	130	130	130	130	130
Cloud Cover(Octa)	7	8	7	6	8

Weather Summary/Alert:

In the last seven days (1 – 7 July, 2022), there was 20.6 mm rain and the sky was Clear to cloudy. The maximum & minimum temperatures ranged between 29.5 to 35.5°C and 25.9 to 28.5°C respectively. Relative humidity ranges from 71 to 88 % at 0712 hrs and 58 to 72 % at 1412 hrs. The wind was mainly from the ENE & ESE with a speed of 1.6 to 11.2 km/hour. In the coming five days, light to moderate rain may likely occur. Maximum & minimum temperature may range from 30.0 to 35.0 deg C & 24.0 to 27.0 deg C respectively. Wind will blow with a speed of 8.0-12.0 km/hr from the ESE direction. As per ERF, the rainfall, maximum & minimum temperature will be normal in the state from 14 to 20 July.

General Advisory:

NDVI & SPI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.1-0.35 for Udham Singh Nagar i.e. agriculture vigor is moderate in the district. SPI map indicates the mildly dry conditions in the district for the past 4 weeks(9 June to 6 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, light to moderate rain may likely occur. There is a warning of heavy to very heavy rainfall at isolated (upto 25% area) places on 9 July.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Transplanting of paddy should be completed in this month. Nursery of paddy should be filled with 4-6 cm of water before plucking the seedlings. Plucking of seedlings should be done carefully followed by washing the roots and transplanting of seedlings should be done immediately. Irrigation should be given in the field before 15 days of puddling. Field should be filled with water before 10-12 hrs of puddling and ploughing should be done at 2-3 times. Field should be leveled. • Transplanting should be done after 10-15hrs of puddling.
SUGARCANE	Keeping in view the forecast of light to moderate rain, it is advised that proper drainage should be maintained in the field
SOYABEAN	Farmers should maintain proper drainage system in the field.
MAIZE	Keeping in view the weather forecast and warning in coming days, farmers are advised, do not irrigate the maize crop sown in the month of June and proper drainage should be maintained in the field. Sow the maize crop till the first fortnight of July by keeping in view the weather forecast and sow it on the ridges.
BLACK GRAM	Sowing of urd should be done in the second fortnight of the month keeping in mind the weather forecast.
OKRA/ LADYFINGER	Farmers, who didn't sow the Okra crop till date, it is advised that to sow it by keeping in view the weather forecast. Weeding, hoeing and necessary arrangement of drainage should be done in okra crop sown in the last month. Select the Okra variety recommended for rainy season and which are resistant to Yellow Vein mosaic disease in Okra.

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.
MANGO	Pick the mid duration varieties of Mango and it should be done with peduncle of about 8-10mm length in the morning or evening. Picked fruits should not be come in the contact with the soil. Wash the fruits with fresh water and dried in the shade before storage.

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.