



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 : 01-07-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-07-01(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-07-02	2022-07-03	2022-07-04	2022-07-05	2022-07-06
Rainfall(mm)	0.0	0.0	8.0	10.0	15.0
Tmax(°C)	32.0	33.0	33.0	34.0	34.0
Tmin(°C)	26.0	26.0	26.0	25.0	25.0
RH-I(%)	85	85	90	90	90
RH-II(%)	40	40	45	50	50
Wind Speed(kmph)	10.0	8.0	8.0	10.0	12.0
Wind Direction(Degree)	90	70	50	100	100
Cloud Cover(Octa)	8	8	7	8	8

Weather Summary/Alert:

In the last seven days (24 – 30 June, 2022), there was 80.6 mm rain and the sky was Clear to cloudy. The maximum & minimum temperatures ranged between 28.6 to 39.0°C and 24.3 to 28.7°C respectively. Relative humidity ranges from 68 to 92 % at 0712 hrs and 39 to 81 % at 1412 hrs. The wind was mainly from the ENE & ESE with a speed of 3.5 to 13.3 km/hour. In the coming five days, light rain from 3 to 5 July may likely occur. Maximum & minimum temperature may range from 32.0 to 34.0 deg C & 25.0 to 26.0 deg C respectively. Wind will blow with a speed of 8.0-12.0 km/hr from the NE, ENE & ESE direction. As per ERF, the rainfall will be above normal and maximum & minimum temperature will be normal in the state from 6 to 12 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 dry conditions in the district for the past 4 weeks(2 to 29 June). 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). Monsoon is arrived in Uttarakhand district, so do not let the animals get wet in the first rain of monsoon so that they do not have skin related disorders.

SMS Advisory:

In the coming five days, very light to light rain may likely occur. Arrangement for irrigation and proper drainage of water should be done in the field before transplanting of paddy.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	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. • Transplanting of paddy should be done when 4-5 leaves were seen in the seedlings of paddy. This stage comes after 18 days in early maturing varieties and after 20-25 days in medium duration varieties of paddy. • 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. • Transplanting of medium duration variety of paddy should be done in the first week of July and early maturing variety should be completed till third week of July.
SOYABEAN	In Tarai and Bhavar, sowing of soybean should be completed by first week of July. Use improved varieties of soybeans PS-1024, PS-1042, PS-1092, PS 1241, PS 1347, PS 1225, PS 19 etc. Keep seed rate at 75kg/ha. Treat the seed with Rhizobium culture.
SUGARCANE	Keeping in view the onset of monsoon, it is advised that proper drainage should be maintained in the field and apply little amount of soil on the surface of the root of sugarcane.
OKRA/ LADYFINGER	Use 10-12Kg Okra seed during rainy season after treating it with fungicide with line to line and plant to plant distance 60 and 30 cm respectively.
GREEN GRAM	Sowing of green gram should be done. Farmers should maintain proper drainage system in the field.
MAIZE	Ensure sowing of maize till the first fortnight of July and sow it on the ridges. Seed treatment should be done before sowing.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	Transplanting of brinjal should be done.
PUMPKIN	On the occurrence of yellow spot of irregular shape on cucurbitaceous crops, leaves should be examined by turning and if there is a growth of light gray fungus in the lower portion of leaves then it should be controlled by spraying the solution of Mancozeb @ 2.5 g/ lit. Spraying of chemical should be done keeping in view the weather forecast.
CHILLI	If the upper stipe of chilly crop is drying after turning black, then infected branches should be removed by plucking to save the crop and to save the crop from rotting solution of 0.1% Caerbendazim should be sprayed. Spraying of chemical should be done keeping in view the weather forecast.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	To save the animals from infected disease, vaccination should be done on the recommendation of veterinarian. Don't leave the animal in the monsoonal rain because this may lead the irritation in the skin of animals. Make the necessary arrangements to save the animals during adverse weather. Give deworming to the animals on the recommendation of veterinarian.
COW	To save the animals from infected disease, vaccination should be done on the recommendation of veterinarian. Don't leave the animal in the monsoonal rain because this may lead the irritation in the skin of animals. Make the necessary arrangements to save the animals during adverse weather. Give deworming to the animals on the recommendation of veterinarian.