



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 : 09-09-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-09-09(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-09-10	2022-09-11	2022-09-12	2022-09-13	2022-09-14
Rainfall(mm)	10.0	8.0	1.0	1.0	15.0
Tmax(°C)	32.0	32.0	32.0	33.0	30.0
Tmin(°C)	25.0	24.0	24.0	23.0	23.0
RH-I(%)	80	85	80	80	90
RH-II(%)	55	55	55	50	55
Wind Speed(kmph)	6.0	6.0	8.0	8.0	10.0
Wind Direction(Degree)	140	130	130	130	130
Cloud Cover(Octa)	2	2	1	1	7

Weather Summary/Alert:

In the last seven days (2 – 8 Sept, 2022), there was 28.2 mm rain and the sky was Cloudy to dense cloudy. The maximum & minimum temperatures ranged between 30.5 to 35.0°C and 22.8 to 26.4°C respectively. Relative humidity ranges from 79 to 95 % at 0712 hrs and 55 to 81 % at 1412 hrs. The wind was mainly from the ENE, ESE & WNW with a speed of 0.2 to 3.3 km/hour. In the coming five days, very light to light rain may likely occur. Maximum & minimum temperature may range from 30.0 to 33.0 deg C & 23.0 to 25.0 deg C respectively. Wind will blow with a speed of 6.0-10.0 km/hr from the SE direction. As per ERF, rainfall will be above normal and maximum & minimum temperature will be normal in the state from 14 to 20 September.

General Advisory:

NDVI & SPI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.35-0.55 for Udham Singh Nagar i.e. agriculture vigor is moderate to good in the district. SPI map indicates the mildly wet conditions in the district for the past 4 weeks (11 Aug to 7 Sept). 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). Farmers are advised to harvest mature vegetable crops and maintain proper drainage system in the field.

SMS Advisory:

In the coming five days, very light to light rain may likely occur.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	In present weather condition, constant monitoring for brown plant hopper (BPH) in paddy field is advised. Farmers are advised to enter into the middle of the crop field and see mosquito like insect at the basal portion of the plant. Install light trap, pheromone trap, yellow card etc. Strengthen the bunds and maintain proper water condition in the field. Root nematode is being observed in paddy crop in Udham Singh Nagar district. For this remedy, drench the roots with Velum @ 1 ml/Litre. Use it only once a year. It would be more effective to use this chemical before planting to protect the crop from root nematodes.
RADISH	In the plains, European varieties of radish can be sown this month.
SUGARCANE	Remove the plants suffering from smut or Kanduva and red rot disease and burn them outside the field.
SOYABEAN	In case of water logging in soybean, make arrangement for drainage. If there is no rain, apply light irrigation as per requirement at the time of flowering and pod formation. Irrigation should be done keeping in view the weather forecast.
CARROT	In tarai region, sowing of carrots should be done in this month and in plains farmers can sow Asian and European varieties of carrots.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
PAPAYA	Proper drainage of water should be done in the Papaya orchard. On the occurrence of collar rot disease in papaya, application of Metalaxyl + Mancozeb (Ridomil Gold) @ 2g/lit water has been found very effective. Spray may be repeated 10 days after first spray.
GUAVA	If the leaves of Guava tree are drying then immediately drench the tree basin with a solution of bavistine @ 3g/liters.
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.
BROCCOLI	In plain and tarai areas, sowing of cabbage, knol khol and broccoli should be done in this month.
CAULIFLOWER	Farmers can sow late varieties of cauliflower this month.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	To prevent disease like foot rot of animals, dip the hooves/feet of animals in the solution of 10% formalin or 5% copper sulphate (neela thotha) solution for 2-3 minutes in the morning and evening. Do this process for 3 days.