



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 : 13-09-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-09-13(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-09-14	2022-09-15	2022-09-16	2022-09-17	2022-09-18
Rainfall(mm)	1.0	10.0	15.0	12.0	50.0
Tmax(°C)	34.0	33.0	30.0	30.0	28.0
Tmin(°C)	24.0	23.0	22.0	21.0	21.0
RH-I(%)	85	90	90	95	95
RH-II(%)	50	50	65	65	70
Wind Speed(kmph)	8.0	12.0	8.0	8.0	12.0
Wind Direction(Degree)	130	130	130	130	140
Cloud Cover(Octa)	2	8	8	8	8

Weather Summary/Alert:

In the last seven days (6 – 12 Sept, 2022), there was 18.1 mm rain and the sky was Cloudy to dense cloudy. The maximum & minimum temperatures ranged between 30.5 to 35.0°C and 23.7 to 26.4°C respectively. Relative humidity ranges from 80 to 93 % at 0712 hrs and 57 to 75 % at 1412 hrs. The wind was mainly from the ENE, ESE & WNW with a speed of 0.7 to 5.6 km/hour. In the coming five days, light to moderate rain from 14 to 16 September & heavy rain on 17 September may likely occur. Maximum & minimum temperature may range from 28.0 to 34.0 deg C & 21.0 to 24.0 deg C respectively. Wind will blow with a speed of 8.0-12.0 km/hr from the ESE & SE direction. Warning: Heavy to very heavy rainfall at isolated places on 14 Sept and at few places on 17 September. Thunderstorm/lightning likely to occur at isolated places on 14, 15 & 17 Sept. As per ERF, rainfall will be above normal and maximum & minimum temperature will be normal in the state from 18 to 24 September.

General Advisory:

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). Light to moderate rain in the next five days and above normal rainfall is expected on September 18 to 24, so farmers should postpone irrigation in crops like maize, urd, moong etc. for now and maintain proper drainage system in the field. Farmers are advised to harvest mature vegetable crops & store them in safe place.

SMS Advisory:

Light rain from 14 to 16 September & moderate rain on 17 September may likely occur. Warning: Heavy rainfall likely to occur at isolated places on 17 September.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Keeping in view the weather forecast in coming days, farmers are advised to strengthen the bunds and maintain proper drainage 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. Spraying of chemical should be done by keeping in view the weather forecast.
SUGARCANE	Remove the plants suffering from smut or Kanduva and red rot disease and burn them outside the field and keeping in view the weather forecast in coming days, farmers are advised to maintain the proper drainage system in the field.
SOYABEAN	Moderate to heavy rainfall forecast & warning has been issued for coming five days. So, arrangement of proper drainage should be done in the field to avoid the water logging in soybean.
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. Sowing should be done by keeping in view the weather forecast.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BROCCOLI	In plain and tarai areas, sowing of cabbage, knol khol and broccoli should be done in this month. Sowing should be done by keeping in view the weather forecast.
CAULIFLOWER	Farmers can sow late varieties of cauliflower this month. Sowing should be done by keeping in view the weather forecast.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	The milk of female calves should be weaned from the mother only after six months, so that their physical development can take place in a good way.
GOAT	Goats & sheep must be given two vaccines of tetanus toxide, one at 4 months and the other at 5 months, so that newborn lambs do not get a disease called tetanus.