



**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 : 20-09-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-09-20(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-09-21	2022-09-22	2022-09-23	2022-09-24	2022-09-25
Rainfall(mm)	0.0	5.0	8.0	1.0	1.0
Tmax(°C)	33.0	34.0	33.0	33.0	33.0
Tmin(°C)	25.0	25.0	24.0	24.0	24.0
RH-I(%)	75	75	80	85	85
RH-II(%)	50	55	55	50	50
Wind Speed(kmph)	6.0	6.0	6.0	6.0	6.0
Wind Direction(Degree)	140	140	130	130	130
Cloud Cover(Octa)	3	4	7	2	2

### Weather Summary/Alert:

In the last seven days (13 – 19 Sept, 2022), there was 221.2 mm rain and the sky was Cloudy to dense cloudy. The maximum & minimum temperatures ranged between 25.0 to 34.1°C and 22.8 to 25.4°C respectively. Relative humidity ranges from 86 to 95 % at 0712 hrs and 68 to 96 % at 1412 hrs. The wind was mainly from the ENE, ESE & N with a speed of 0.1 to 8.9 km/hour. In the coming five days, very light to light rain may likely occur. Maximum & minimum temperature may range from 33.0 to 34.0 deg C & 24.0 to 25.0 deg C respectively. Wind will blow with a speed of 6.0 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 5 Sept to 1 October.

### 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). As per ERF, rainfall will be above normal and maximum & minimum temperature will be normal in the state from 5 Sept to 1 October so farmers can do agricultural operation and chemical spray can also be done during that period.

### SMS Advisory:

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

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	On the occurrence of Brown or white hopper in the crop, use Clothianidin 50 WG @ 1000ml/ha and if there is a stem borer with hopper then, Fipronil 5 SC @ 1000ml/ha should be used.
SUGARCANE	Remove the plants suffering from smut or Kanduva and red rot disease and burn them outside the field.
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
BRINJAL	On the occurrence of white fly in brinjal, destroy the dry leaves and thiamethoxam 25 WG @ 200g/500 lit of water per hectare should be sprayed.
POTATO	Field should be prepared for early variety of Potato. Apply 200-250 Quintal dung manure in the field and seed should be sown @ 20-25 Q/Ha up to the end of this month.
TOMATO	Farmers can sow the tomato seed in the Nursery for winter season. For common and hybrid varieties of Tomato seed rate should be 500g/Ha and 200-250 g/ha respectively.
BROCCOLI	In plain and tarai areas, sowing of cabbage, knol khol and broccoli should be done in this month.

#### Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	Vaccination of FMD (Foot and Mouth Disease) should be given to the animals.
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.