



**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 : 24-06-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-06-24(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-06-25	2022-06-26	2022-06-27	2022-06-28	2022-06-29
Rainfall(mm)	0.0	0.0	2.0	8.0	8.0
Tmax(°C)	37.0	38.0	37.0	36.0	34.0
Tmin(°C)	25.0	25.0	22.0	22.0	21.0
RH-I(%)	75	75	80	80	85
RH-II(%)	30	30	35	35	40
Wind Speed(kmph)	8.0	12.0	14.0	16.0	16.0
Wind Direction(Degree)	50	100	100	100	120
Cloud Cover(Octa)	0	3	5	5	6

### Weather Summary/Alert:

In the last seven days (17 – 23 June, 2022), there was 24.2 mm rain and the sky was Clear to cloudy. The maximum & minimum temperatures ranged between 32.5 to 37.0°C and 23.4 to 25.0°C respectively. Relative humidity ranges from 71 to 93 % at 0712 hrs and 29 to 58 % at 1412 hrs. The wind was mainly from the WSW, WNW & NNW with a speed of 3.0 to 7.9 km/hour. In the coming five days, very light rain on 26 June and light rain on 27 & 28 June may likely occur. Maximum & minimum temperature may range from 34.0 to 38.0 deg C & 21.0 to 25.0 deg C respectively. Wind will blow with a speed of 8.0-16.0 km/hr from the NE & ESE direction. Warning: Thunderstorm accompanied with hail/lightning and intense shower likely to occur at isolated places today i.e. on 21 June 2022. As per ERF, the rainfall & minimum temperature will be normal and maximum temperature will be below normal in the state from 26 June to 2 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. 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).

### SMS Advisory:

In the coming five days, very light rain on 26 June and light rain on 27 & 28 June may likely occur. Farmers should spray chemicals keeping in mind the weather forecast.

**Crop Specific Advisory:**

Crop(Varieties)	Crop Specific Advisory
SOYABEAN	In Tarai and Bhavar, the best time for sowing of soybean is from the last week of June to the 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.
RICE	Nursery of basmati and aromatic rice varieties like- Type 3, Tarawari Basmati, Pusa Basmati-1, Basmati-370, Pant Sugandh Dhan-15, Pant Sugandha Dhan-17, Pant Sugandha Dhan- 21, Pusa Sugandh -4, Pusa sugandh-5 etc. should be prepared till 30 June.
GROUNDNUT	Groundnut varieties like-Ta 64, Chandra, Kaushal, Prakash, Amber, etc should be sown in the second fortnight of June. Seed rate should be 60-70kg/ha. Line to line and plant to plant distance should be 30-40 cm & 10-20 cm respectively. 20kg Nitrogen, 40kg P <sub>2</sub> O <sub>5</sub> , 45 kg Potash /ha, 200kg Gypsum and 4kg borax should be used as fertilizer.

**Horticulture Specific Advisory:**

Horticulture(Varieties)	Horticulture Specific Advisory
LITCHI	To save the litchi from creaking, water should be sprayed and plucking and marketing should be done on proper coloration of litchi.
MANGO	Plucking of early ripening variety of mango should be done.
PUMPKIN	To control the dryness of the liana in cucurbitaceous crops, destroy the dry liana after cutting them and roots of crops should be irrigated with the solution of 0.1% Carbendazim (1g/liter).
CHILLI	To save the chilly from Thrips, Lambda cyhalothrin 5EC @300ml/Ha or Fipronil 5SC @ 1Liter/Ha should be sprayed and chilly is used after 7 days of spraying of chemicals. Spraying of chemicals should be done by keeping in view the weather forecast.

**Live Stock Specific Advisory:**

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	To reduce the heat outbreak, give the animals oral aqueous solution. To save the animals from infected disease, vaccination should be done on the recommendation of veterinarian. Monsoon is about to arrive 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.
COW	To reduce the heat outbreak, give the animals oral aqueous solution. To save the animals from infected disease, vaccination should be done on the recommendation of veterinarian. Monsoon is about to arrive 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.