



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 : 17-06-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-06-17(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-06-18	2022-06-19	2022-06-20	2022-06-21	2022-06-22
Rainfall(mm)	8.0	5.0	4.0	12.0	0.0
Tmax(°C)	34.0	35.0	36.0	36.0	35.0
Tmin(°C)	21.0	22.0	22.0	22.0	21.0
RH-I(%)	75	70	75	80	75
RH-II(%)	30	30	30	30	30
Wind Speed(kmph)	12.0	14.0	14.0	12.0	10.0
Wind Direction(Degree)	250	250	300	50	50
Cloud Cover(Octa)	4	2	2	4	3

Weather Summary/Alert:

In the last seven days (10 – 16 June, 2022), there was 0.0 mm rain and the sky was Clear to cloudy. The maximum & minimum temperatures ranged between 39.0 to 41.2°C and 26.6 to 28.5°C respectively. Relative humidity ranges from 55 to 71 % at 0712 hrs and 23 to 38 % at 1412 hrs. The wind was mainly from the WSW, WNW, ENE & ESE with a speed of 4.9 to 9.1 km/hour. In the coming five days, light rain may likely occur from 17 to 20 June otherwise weather will remain clear. Maximum & minimum temperature may range from 34.0 to 36.0 deg C & 21.0 to 22.0 deg C respectively. Wind will blow with a speed of 10.0-14.0 km/hr from the WSW, WNW & NE direction. Warning: Gusty winds (40-50 Kmph) likely to occur at isolated places today i.e. on 17 June 2022.

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). Choose loamy, fertile irrigated land for paddy nursery, where there is proper drainage system. If you want to prepare paddy seedlings by dry method, then choose light land.

SMS Advisory:

Light rain may likely occur from 17 to 20 June. There is a warning of gusty winds (40-50 Kmph) at isolated places today i.e. on 17 June 2022.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Nursery of early ripening dwarf varieties of paddy like- Govind, Narendra-118, Narendra-97, Saket-4, Pant hybrid paddy-1 etc. should be prepared by 20th June. 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 from June 15 to June 30.
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 ₂ O ₅ , 45 kg Potash /ha, 200kg Gypsum and 4kg borax should be used as fertilizer

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
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.
TOMATO	On the occurrence of fruit borer in the Tomato, fruit should be used only after 3 days and 5 days of spraying of Chlorantraniliprole 18.5 SC @ 150ml/Ha and Indoxacarb 14.5 SC @ 500ml/ha respectively. Spraying of chemicals should be done by keeping in view the weather forecast.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Temperature of animal shed should be maintained using cooling devices such as fan, cooler or latest cooling device to maintain the productivity of foreign cows and save them from diseases.
BUFFALO	To save the animals from infected disease, vaccination should be done on the recommendation of veterinarian.