



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 : 21-06-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-06-21(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-06-22	2022-06-23	2022-06-24	2022-06-25	2022-06-26
Rainfall(mm)	4.0	0.0	0.0	0.0	1.0
Tmax(°C)	35.0	34.0	35.0	36.0	37.0
Tmin(°C)	23.0	22.0	22.0	23.0	23.0
RH-I(%)	75	75	70	70	70
RH-II(%)	30	30	30	35	30
Wind Speed(kmph)	10.0	12.0	12.0	12.0	14.0
Wind Direction(Degree)	70	50	300	120	120
Cloud Cover(Octa)	3	1	1	3	5

Weather Summary/Alert:

In the last seven days (14 – 20 June, 2022), there was 24.2 mm rain and the sky was Clear to cloudy. The maximum & minimum temperatures ranged between 32.5 to 40.5°C and 23.4 to 28.5°C respectively. Relative humidity ranges from 58 to 93 % at 0712 hrs and 23 to 58 % at 1412 hrs. The wind was mainly from the WSW, WNW & NNW with a speed of 4.0 to 9.1 km/hour. In the coming five days, light rain on 21 June & very light rain on 25 June may likely occur and weather will remain clear on remaining days. Maximum & minimum temperature may range from 34.0 to 37.0 deg C & 22.0 to 23.0 deg C respectively. Wind will blow with a speed of 10.0-14.0 km/hr from the NE, WNW & 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:

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 on 21 June & very light rain on 25 June may likely occur. Warning: Thunderstorm accompanied with hail/lightning and intense shower likely to occur at isolated places today on 21 June.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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 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
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.
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
BUFFALO	To save the animals from infected disease, vaccination should be done on the recommendation of veterinarian.