



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 : 14-06-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-06-14(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-06-15	2022-06-16	2022-06-17	2022-06-18	2022-06-19
Rainfall(mm)	0.0	0.0	5.0	5.0	1.0
Tmax(°C)	41.0	39.0	39.0	38.0	38.0
Tmin(°C)	25.0	25.0	22.0	22.0	20.0
RH-I(%)	60	65	70	75	70
RH-II(%)	30	30	35	35	30
Wind Speed(kmph)	14.0	14.0	14.0	14.0	12.0
Wind Direction(Degree)	270	120	120	70	270
Cloud Cover(Octa)	1	2	4	2	1

Weather Summary/Alert:

In the last seven days (7 – 13 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 26.4 to 28.4°C respectively. Relative humidity ranges from 55 to 71 % at 0712 hrs and 22 to 38 % at 1412 hrs. The wind was mainly from the WSW, WNW, ENE & ESE with a speed of 4.8 to 6.7 km/hour. In the coming five days, very light to light rain may likely occur from 16 to 18 June otherwise weather will remain clear. Maximum & minimum temperature may range from 38.0 to 41.0 deg C & 20.0 to 25.0 deg C respectively. Wind will blow with a speed of 12.0-14.0 km/hr from the W, ESE & ENE direction. As per ERF, the rainfall, maximum & minimum temperature will be normal in the state from 19 to 25 June. Warning: Thunderstorm accompanied with lightning/intense showers and Squall (50-60 Kmph, gusting to 70 Kmph) likely to occur at isolated places on 15 June and Gusty winds (40-50 Kmph) likely to occur at isolated places on 16 & 17 June.

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:

In the coming five days, very light to light rain may likely occur from 16 to 18 June otherwise weather will remain clear.

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 Paddy 15, Pant Sugandha Paddy-17, Pant Sugandha Paddy- 21, Pusa Sugandh 2, Pusa Sugandh-3, Pusa Sugandh Plant -4 Pusa-1121, Pusa fragrance-5, PRH-10 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
GREEN GRAM	Harvest the moong crops immediate after maturing. Don't delay in the harvesting otherwise grains will fall after cracking of pods. As soon as 80 percent of the moong beans are matured, pluck the beans & turn the green plants in the field as green manure.
BLACK GRAM	Harvest the urd crop immediate after maturing. Don't delay in the harvesting otherwise grains will fall after cracking of pods. Plucking of pods should be done after maturing of 80% pods of urd and turn the green plants in the field as green manure.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
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	If the upper stipe of chilly crop is drying after turning black, then infected branches should be removed by plucking to save the crop and solution of 0.1% Carbendazim should be sprayed. 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	Vaccinate the animals against tetanus, enterotoxemia and Hemorrhagic Septicemia. Due to excessive heat, the animal does not eat much fodder, so increase the amount of grain in their food and giving about 50 grams of mineral mixture daily does not affect reproduction
BUFFALO	Animals between two to four months of age should be vaccinated against black leg/black quarter (BQ).