



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 : 12-07-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-07-12(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-07-13	2022-07-14	2022-07-15	2022-07-16	2022-07-17
Rainfall(mm)	5.0	10.0	3.0	1.0	1.0
Tmax(°C)	36.0	34.0	34.0	36.0	36.0
Tmin(°C)	25.0	24.0	25.0	25.0	26.0
RH-I(%)	95	95	90	85	80
RH-II(%)	50	50	45	40	40
Wind Speed(kmph)	8.0	12.0	12.0	10.0	10.0
Wind Direction(Degree)	130	130	130	130	130
Cloud Cover(Octa)	6	7	7	2	2

Weather Summary/Alert:

In the last seven days (5 – 11 July, 2022), there was 84.6 mm rain and the sky was Clear to cloudy. The maximum & minimum temperatures ranged between 29.0 to 36.0°C and 26.9 to 28.5°C respectively. Relative humidity ranges from 70 to 90 % at 0712 hrs and 56 to 82 % at 1412 hrs. The wind was mainly from the ENE & ESE with a speed of 1.6 to 4.7 km/hour. In the coming five days, very light to light rain may likely occur. Maximum & minimum temperature may range from 34.0 to 36.0 deg C & 24.0 to 26.0 deg C respectively. Wind will blow with a speed of 8.0-12.0 km/hr from the ESE direction. As per ERF, the rainfall, maximum & minimum temperature will be normal in the state from 17 to 23 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).

SMS Advisory:

In the coming five days, very light to light rain may likely occur. Rain water should not be given to the animals.

Crop Specific Advisory:

Crop(Varieties)

Crop Specific Advisory

Crop(Varieties)	Crop Specific Advisory
RICE	Transplanting of paddy should be completed in this month. For transplanting of paddy, row to row and plant to plant distance should be 20cm and 10 cm respectively. Again transplant paddy in place of dead plants within 10 days of the transplanting.
SUGARCANE	Keeping in view the forecast of light to moderate rain, it is advised that proper drainage should be maintained in the field.
MAIZE	Weeding and hoeing should be done in the Maize sown in the month of June after 15 and 30 days of sowing and top dressing of Nitrogen may be given when crop attained the height of around 2 feet and proper drainage should be maintained in the field. Sowing of the maize crop should be completed on the ridges by keeping in view the weather forecast.
BLACK GRAM	Sowing of urd should be done in the second fortnight of the month keeping in mind the weather forecast.
OKRA/ LADYFINGER	Farmers, who didn't sow the Okra crop till date, it is advised that to sow it at the earliest and weeding, hoeing and necessary arrangement of drainage should be done in okra crop sown in the last month. Select the Okra variety recommended for rainy season and which are resistant to Yellow Vein mosaic disease in Okra.
SOYABEAN	Farmers should maintain proper drainage system in the field.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CAULIFLOWER	Keeping in view the forecast of rain in coming days, proper drainage should be arranged in the field where early variety of Cauliflower transplanted.
CHILLI	Transplanting of Chilly may be done on the ridge with row to row and plant to plant distance of 50cm and proper drainage should be made because excess amount of water for about 24 hours in the field dried up the crop.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	July & August month is highly favourable for cattles' delivery. So, it is recommended that their dwelling place should be clean and hygienic. Just after delivery, tie the navel of new born baby of cattle by cutting it with sharp and clean knife, then apply Gentian violet paint or tincture iodine. After animal's delivery, Gynotone or Utrotone medicine @ 200ml should be given in morning and evening hours for three days to clean the womb.
COW	July & August month is highly favourable for cattles' delivery. So, it is recommended that their dwelling place should be clean and hygienic. Just after delivery, tie the navel of new born baby of cattle by cutting it with sharp and clean knife, then apply Gentian violet paint or tincture iodine. After animal's delivery, Gynotone or Utrotone medicine @ 200ml should be given in morning and evening hours for three days to clean the womb.