



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
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 Udham Singh Nagar, Pantnagar, Uttarakhand



Agromet Advisory Bulletin

Date : 01-10-2021

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-10-01(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-10-02	2021-10-03	2021-10-04	2021-10-05	2021-10-06
Rainfall(mm)	5.0	5.0	1.0	0.0	0.0
Tmax(°C)	33.0	33.0	34.0	34.0	35.0
Tmin(°C)	22.0	22.0	23.0	22.0	21.0
RH-I(%)	85	85	85	75	75
RH-II(%)	60	60	55	55	50
Wind Speed(kmph)	6.0	8.0	8.0	8.0	6.0
Wind Direction(Degree)	120	320	320	130	130
Cloud Cover(Octa)	4	3	2	4	2

Weather Summary/Alert:

In the last seven days (29 – 30 September 2021), there was 2.4 mm rain and the sky was clear to p-cloudy. The maximum & minimum temperatures ranged between 32.0 to 35.0°C and 23.4 to 25.1°C respectively. Relative humidity ranges from 75 to 92 % at 0712 hrs and 50 to 70 % at 1412 hrs. The winds run mainly from the ENE & ESE with a speed of 1.2 to 4.2 km/hour. In the coming five days, very light to light rain may occur at some isolated places from 1 to 3 October otherwise weather will remain clear. Maximum & minimum temperature may range from 33.0 to 35.0 deg C & 21.0 to 23.0 deg C respectively. Wind will blow with a speed of 6.0-8.0 km/hr from the ESE & NW direction. As per ERFS products rainfall, maximum temperature & minimum temperature will be below, normal and above normal respectively from 6 - 12 October in the state.

General Advisory:

NDVI & SPI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.3-0.5 for U S Nagar i.e. agriculture vigor is moderate to good in the district. SPI map indicates the mildly dry conditions in the district for the past 4 weeks. Farmers are advised to monitor the standing crop regularly for any pest or disease and spray chemicals as per the recommendation in clear weather.

SMS Advisory:

On 1st to 3rd October, there may be drizzle or light rain at some places, after that the weather will be clear. Harvest the mature crops like soybean, urd, moong and maize etc in clear weather.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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Crop(Varieties)	Crop Specific Advisory
RICE	Harvesting of early and midseason variety of Paddy should be done on the appearance of the golden color of panicle in Paddy. Delay in harvesting can lead to crop fall and grain loss in earhead. Harvesting should be done keeping in view the weather forecast when the weather is clear and stop irrigation 10-15 days before the harvesting of paddy crop.
SUGARCANE	Sowing of winter season sugarcane must be done by October 15 and other cropping activities should be done as per the recommendation.
MUSTARD	Mustard and Rai should be sown in the first fortnight of October. Rai varieties like-Varuna, Rohini, Krishna, Kanti, Vardan, Vaibhav, Basanti, Narendra, Early rai-4, Urvashi, and yellow mustard varieties like- Ragini, Binoy (B-9), Pant peeli Sarso-1 should be selected for sowing.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CAULIFLOWER	If the fruits of the early variety of Cauliflower were ready in the fields then send them to the market and the top dressing of Urea should be given in the mid-variety of Cauliflower sown in the last month. Arrangements of weeding, hoeing, and irrigation should be done.
MANGO	To control the problem of mango wilt, thiophanate methyl (70% WP) @ 2g/lit is recommended. Make the solution and drench the tree and repeat it at 10 days interval. The healthy plants adjoining the wilted plants should be treated with copper sulphate @ 1kg/plant. Proper nutrition of mango orchard is also very essential to avoid such a problem.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Vaccinate the weaned six-month-old calves with combined vaccines of brucellosis / infectious abortion, IVR, bovine viral, diarrhea, parainfluenza, gulagotas, etc. and a second combined vaccine called Blackleg 7 should be done at an interval of 15-21 days.