



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



Agromet Advisory Bulletin

Date : 28-09-2021

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-09-28(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-09-29	2021-09-30	2021-10-01	2021-10-02	2021-10-03
Rainfall(mm)	0.0	0.0	5.0	5.0	1.0
Tmax(°C)	33.0	33.0	33.0	32.0	33.0
Tmin(°C)	24.0	23.0	23.0	23.0	23.0
RH-I(%)	70	75	75	75	75
RH-II(%)	50	55	60	55	50
Wind Speed(kmph)	10.0	8.0	10.0	8.0	8.0
Wind Direction(Degree)	140	140	130	130	130
Cloud Cover(Octa)	1	3	1	2	2

Weather Summary/Alert:

In the last seven days (21– 27 September 2021), there was 7.8 mm rain and the sky was cloudy to dense cloudy. The maximum & minimum temperatures ranged between 31.0 to 34.0°C and 23.4 to 25.2°C respectively. Relative humidity ranges from 80 to 92 % at 0712 hrs and 53 to 70 % at 1412 hrs. The winds run mainly from the ENE & ESE with a speed of 1.4 to 4.1 km/hour. In the coming five days, very light to light rain may occur at some isolated places from 30 September to 2 October otherwise weather will remain clear. Maximum & minimum temperature may range from 32.0 to 33.0 deg C & 23.0 to 24.0 deg C respectively. Wind will blow with a speed of 8.0-10.0 km/hr from the ESE direction. As per ERFIS products rainfall & minimum temperature will be above normal and maximum temperature will be normal from 3 - 9 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 wet 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:

Weather will remain clear on 28,29 September & very light to light rain may occur at some isolated places from 30 Sept-2 October. Farmers should harvest the crops in clear weather & keep in safe place.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	The present weather is conducive for infestation of gundhi bug insect hence farmers advised to the dusting of malathion in paddy field, when sky remains clear.

Crop(Varieties)	Crop Specific Advisory
PIGEON PEA (RED GRAM/ARHAR)	It has been observed that blister beetles are feeding on flowers of the Pigeonpea crop. To control this, spray Monocrotophos 36 SL@ 1 Litre/hectare.
GINGER	In case of soft rot (rhizome rot) disease in ginger, make a solution of carbendazim (1g)+mancozeb (2g)+chlorpyriphos (1ml)+streptomycin sulphate (500ppm) per liter of water by drenching or spraying thoroughly. Uproot and destroy the damaged plants and treat that place well with the solution.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
COLOCASIA/ TARO	To control the aphid (mahu) in colocasia/arbi crop, spray Actara 25 WDG @ 100 g / 500 liters of water / ha. In the case of Phytophthora blight, irrigate the roots with Ridomil MZ @ 2 g/L of water. Spray the same on the leaves.
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
BUFFALO	Vaccination of FMD (Foot and Mouth Disease) should be given to the animals.
COW	The weather is changing from this month onwards, hence, due arrangements should be made to protect the animals from the onset of the winter.