



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 : 24-09-2021

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-09-24(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-09-25	2021-09-26	2021-09-27	2021-09-28	2021-09-29
Rainfall(mm)	2.0	1.0	1.0	2.0	5.0
Tmax(°C)	33.0	34.0	34.0	33.0	32.0
Tmin(°C)	25.0	25.0	25.0	24.0	23.0
RH-I(%)	75	75	70	70	70
RH-II(%)	65	60	55	55	55
Wind Speed(kmph)	8.0	8.0	10.0	10.0	8.0
Wind Direction(Degree)	140	140	140	130	130
Cloud Cover(Octa)	2	1	4	7	7

Weather Summary/Alert:

In the last seven days (17 – 23 September 2021), there was 7.8 mm rain and the sky was cloudy to dense cloudy. The maximum & minimum temperatures ranged between 29.0 to 33.5°C and 23.9 to 25.3°C respectively. Relative humidity ranges from 86 to 92 % at 0712 hrs and 58 to 68 % at 1412 hrs. The winds run mainly from the ENE & ESE with a speed of 1.4 to 4.9 km/hour. In the coming five days, very light to light rain may occur at some isolated places. Maximum & minimum temperature may range from 32.0 to 34.0 deg C & 23.0 to 25.0 deg C respectively. Wind will blow with a speed of 8.0-10.0 km/hr from the SE direction. As per ERFs products rainfall & minimum temperature will be above normal and maximum temperature will be normal from 29 September - 5 October in the state.

General Advisory:

NDVI & SPI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.35-0.55 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 should harvest the crops by keeping in view the weather forecast.

SMS Advisory:

In the coming five days, very light to light rain may occur at some isolated places otherwise weather will remain clear. Farmers can spray chemicals as per the recommendation.

Crop Specific Advisory:

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.
RICE	To control the yellow stem borer on rice crop, after 50 days of transplanting, chlorantraniliprole 20 SC (Coragen) @ 150 ml/ha or fipronil 5 SC @ 1000ml/ha should be sprayed in clear weather. Farmers should spray chemicals keeping in mind the weather forecast.
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.

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.