



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



Agromet Advisory Bulletin

Date : 07-09-2021

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-09-07(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-09-08	2021-09-09	2021-09-10	2021-09-11	2021-09-12
Rainfall	8.0	10.0	10.0	15.0	25.0
Tmax(°C)	33.0	33.0	32.0	31.0	32.0
Tmin(°C)	26.0	25.0	25.0	24.0	24.0
RH-I(%)	75	75	75	80	80
RH-II(%)	60	60	65	70	70
Wind Speed(kmph)	12.0	14.0	12.0	14.0	14.0
Wind Direction(Degree)	140	140	120	120	120
Cloud Cover(Octa)	8	8	6	8	8

Weather Summary/Alert:

In the last seven days (31 August – 6 September, 2021), there was 0.0 mm rain and the sky was cloudy to dense cloudy. The maximum & minimum temperatures ranged between 30.5 to 34.0°C and 24.3 to 25.9°C respectively. Relative humidity ranges from 81 to 93 % at 0712 hrs and 61 to 69 % at 1412 hrs. The winds run mainly from the ENE & ESE with a speed of 1.4 to 6.4 km/hour. Light rain from 7 to 10 September and moderate rain on 11 September may likely occur. Maximum & minimum temperature may range from 31.0 to 33.0 deg C & 24.0 to 26.0 deg C respectively. Wind will blow with a speed of 12.0-14.0 km/hr from the ESE direction. As per ERFIS products rainfall will be above normal, maximum temperature will be below normal and minimum temperature will be normal from 12 - 18 September in the state.

General Advisory:

Farmers are advised to download the "DAMINI App" to get the lightning activity and "Meghdoot App" to get past week weather, weather forecast, and agromet advisory. DAMINI and Meghdoot App can be downloaded from the google play store (Android users) and App Center (IOS users). NDVI & SPI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.25-0.45 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.

SMS Advisory:

Light rain from 7 to 10 September and moderate rain on 11 September may likely occur.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	At the initial stage of earhead formation in the crop, top dressing of the recommended amount of nitrogen and proper arrangements for irrigation and drainage as per the weather forecast should be done.
GREEN GRAM	In the crop sown last month, weeding and hoeing should be done in due time and irrigation should be given by keeping in view the weather forecast.
RADISH	In the plains, European varieties of radish can be sown this month.
GINGER	On the occurrence of Rhizome rot in ginger, spraying of Azoxystrobin+Difconazole @ 1ml per liter water in the root zone has been found most effective.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
PAPAYA	On the occurrence of collar rot disease in papaya, application of Metalaxyl + Mancozeb (Ridomil Gold) @ 2g/lit water has been found very effective. The spray may be repeated 10 days after the first spray.
BRINJAL	At the early stage of phomopsis blight in brinjal, spray carbendazim @ 1g/lit of water. Spraying should be done by keeping in view the weather forecast.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	In sheep and goats, a vaccine of PPR/ goat plague must be given to the lamb at the age of 8-12 weeks.
COW	The milk of female calves should be weaned from the mother only after six months, so that their physical development can take place in a good way.