



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 : 09-03-2021

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-03-09(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-03-10	2021-03-11	2021-03-12	2021-03-13	2021-03-14
Rainfall	0.0	0.0	0.0	5.0	0.0
Tmax(°C)	31.0	31.0	32.0	31.0	29.0
Tmin(°C)	13.0	13.0	15.0	14.0	14.0
RH-I(%)	75	70	70	80	80
RH-II(%)	45	40	40	45	45
Wind Speed(kmph)	8.0	8.0	8.0	16.0	16.0
Wind Direction(Degree)	120	70	80	120	120
Cloud Cover(Octa)	0	0	2	7	0

Weather Summary/Alert:

In the last seven days (2 - 8 March 2021), there was 0.0 mm rain and the sky was clear to cloudy. The maximum & minimum temperatures ranged between 27.0 to 30.0°C and 8.8 to 19.0°C respectively. Relative humidity ranges from 74 to 96 % at 0712 a.m. and 32 to 52 % at 1412 hrs. The winds run mainly from the WNW at a speed of 1.2 to 7.7 km/hour. In the coming five days, light rain may likely occur on coming 12 March otherwise weather will remain clear. There is a warning of Gusty wind (30-40 kmph) from ESE at isolated places on 12 & 13 March. Maximum & minimum temperature may range from 29.0 to 32.0 deg C & 13.0 to 15.0 deg C respectively.

General Advisory:

NDVI & SPI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.2-0.5 for Udham Singh 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. In view of the severe spread of Corona (Covid-19), the farmers are advised to follow the guidelines given by the Government of India, personal hygiene, use of masks, washing hands at appropriate intervals during agricultural operations. Seeing the possibility of rain and gusty wind on 12 and 13 March, avoid the use of irrigation and chemicals.

SMS Advisory:

In the coming five days, light rain may likely occur on coming 12 March otherwise weather will remain clear. There is a warning of Gusty wind (30-40 kmph) from ESE at isolated places on 12 & 13 March.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
MAIZE	On the occurrence of false armyworm in maize, spray coragen @ 80ml/acre to control them. Spraying of chemicals should be done only in clear weather.
SUGARCANE	Sowing of spring season sugarcane crop should be completed up to 15th March. The Upper 2/3 part of sugarcane should be used for sugarcane seed. 40-50 thousand pieces of three eyed sugarcane should be used. The line should be prepared at a distance of 75cm in East-West direction for sowing sugarcane crop.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
ONION	To control the purple blotch in onion, spray 15 ml tebuconazole, 15 ml sticker and 6 ml imidacloprid with a tank sprayer. Spraying of chemicals should be done only in clear weather.
GUAVA	Paste of copper oxychloride and lime should be applied in the main trunk of Guava to save the bark to fall.
MANGO	To control the mango wilt, drench the affected tree with a solution of thiophanate methyl @ 2g/lit and repeat at 15 days interval.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	To prevent Puerperal Fever in Pregnant animals, 50-60 grams of the mineral mixture should be fed to them every day to boost their immunity. Animals are prone to sterility and Johne's disease (Paratuberculosis) during this time. They should be provided immediate treatment for these.