



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 : 12-03-2021

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-03-12(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-03-13	2021-03-14	2021-03-15	2021-03-16	2021-03-17
Rainfall	5.0	0.0	0.0	0.0	0.0
Tmax(°C)	29.0	31.0	31.0	32.0	32.0
Tmin(°C)	14.0	16.0	15.0	14.0	14.0
RH-I(%)	75	75	75	70	65
RH-II(%)	35	35	30	30	30
Wind Speed(kmph)	12.0	8.0	8.0	10.0	10.0
Wind Direction(Degree)	120	120	300	320	320
Cloud Cover(Octa)	7	3	0	0	0

Weather Summary/Alert:

In the last seven days (5 - 11 March 2021), there was 0.0 mm rain and the sky was clear to cloudy. The maximum & minimum temperatures ranged between 28.5 to 31.0°C and 8.9 to 19.0°C respectively. Relative humidity ranges from 74 to 94 % at 0712 a.m. and 32 to 66 % at 1412 hrs. The winds run mainly from the ESE at a speed of 0.5 to 7.3 km/hour. Weather will remain clear in the coming five days and there is a possibility of light rain with a warning of gusty wind from ESE direction today. Maximum & minimum temperature may range from 29.0 to 32.0 deg C & 14.0 to 16.0 deg C respectively.

General Advisory:

NDVI & SPI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.35-0.5 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.

SMS Advisory:

Weather will remain clear in the coming five days and there is a possibility of light rain with a warning of gusty wind from ESE direction today.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
GREEN GRAM	Sowing of green gram should be done in the second fortnight of this month. Sowing of moong varieties like Pant moong-5, Samrat etc should be done in lines at 25-30cm and at 3-4cm depth. The seed rate should be 20-25 kg/ha.
WHEAT	Necessary irrigation should be given at the milking stage.
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 the East-West direction for sowing sugarcane crop. Intercropping of urd and green gram should be done between the two lines of sugarcane.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
MANGO	To control the mango wilt, drench the affected tree with a solution of thiophanate methyl @ 2g/lit and repeat at 15 days interval.
CHILLI	In chilli and tomato and crop, roots should be dipped into the solution of imidacloprid @1g/lit of water for 10-15 min before transplanting.

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.