



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 : 03-08-2021

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

Parameter	2021-08-04	2021-08-05	2021-08-06	2021-08-07	2021-08-08
Rainfall	15.0	25.0	25.0	15.0	15.0
Tmax(°C)	33.0	32.0	31.0	33.0	34.0
Tmin(°C)	25.0	25.0	25.0	26.0	26.0
RH-I(%)	80	85	85	85	80
RH-II(%)	65	65	65	65	60
Wind Speed(kmph)	12.0	10.0	10.0	8.0	8.0
Wind Direction(Degree)	120	120	120	130	130
Cloud Cover(Octa)	6	8	7	7	6

Weather Summary/Alert:

In the last seven days (27 July–2 August , 2021), there was 13.2 mm rain and the sky was cloudy to dense cloudy. The maximum & minimum temperatures ranged between 30.0 to 34.5°C and 25.4 to 27.1°C respectively. Relative humidity ranges from 78 to 97 % at 0712 hrs and 62 to 85 % at 1412 hrs. The winds run mainly from the ESE & ENE with a speed of 1.3 to 10.5 km/hour. Light to moderate rain may likely occur in the coming five days. Maximum & minimum temperature may range from 31.0 to 34.0 deg C & 25.0 to 26.0 deg C respectively. Wind will blow with a speed of 8.0-12.0 km/hr from the ESE direction. As per ERFS products, rainfall, maximum and minimum temperature will be normal from 8 - 14 August in the state.

General Advisory:

In view of the second wave 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. NDVI & SPI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.2-0.40 for Nainital i.e. agriculture vigor is moderate in the district. SPI map indicates the mildly wet conditions in the district for the past 4 week. Farmers are advised to download "Meghdoot" and "Damini" mobile apps on their smartphones from Google Play Store for free to get timely weather forecasts and district-wise Agromet advisory bulletins and lightning information.

SMS Advisory:

Light to moderate rain may likely occur in the coming five days. Spraying of chemicals and irrigation should be given in the field by keeping in view the weather forecast.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
OKRA/ LADYFINGER	To control the yellow vein mosaic virus, remove and destroy the infected plants.
RICE	The recommended dose of nitrogen should be applied as a top dressing in the transplanted paddy after hoeing. Weeding should be done at 20 and 40 days of transplanting. If the availability of human labour is less, 3.0 lit butachlor 50 EC or 1.65 lit anilofos 30 EC or 1.5 lit pretilachlore 50 EC should be sprayed in 500 lit of water within 2-3 days of transplanting. Proper moisture should be available in the field while using the chemicals.
MAIZE	Late sowing of maize should be completed by the first week of August.
SUGARCANE	Keeping in mind the rainfall condition, tying of 5-6 sugarcane in each line should be done at the height of around 2 feet with dried leaves to save them from heavy rain and high wind. Keeping in view the rainfall forecast, it is advised that proper drainage should be maintained in the field.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
PUMPKIN	On the occurrence of contracted piebald leaves, infected plants should be removed. To control the juice-sucking insect in these crops, sarvangi insecticide should be sprayed by keeping in view the weather forecast.
MANGO	In the first fortnight of August, the sowing of mango seeds/kernels should be continued. Before grafting the one-year-old seed plants of mango, transplant them in other places then continue the grafting. The establishment of a new orchard should be done. A necessary arrangement should be done for the proper drainage of rainwater.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	Rainwater should not be given to animals. To save the animals from infected diseases, vaccination should be done on the recommendation of a veterinarian.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
HEN	For getting the maximum profit in the production of poultry, timely vaccination of the poultry birds should be done.