



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 : 06-08-2021

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-08-06(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-08-07	2021-08-08	2021-08-09	2021-08-10	2021-08-11
Rainfall	5.0	5.0	25.0	30.0	30.0
Tmax(°C)	33.0	34.0	32.0	32.0	33.0
Tmin(°C)	26.0	27.0	26.0	26.0	25.0
RH-I(%)	70	70	75	80	90
RH-II(%)	55	55	60	60	60
Wind Speed(kmph)	8.0	8.0	8.0	8.0	10.0
Wind Direction(Degree)	100	110	120	120	200
Cloud Cover(Octa)	7	8	8	7	7

Weather Summary/Alert:

In the last seven days (30 July–5 August , 2021), there was 19.6 mm rain and the sky was cloudy to dense cloudy. The maximum & minimum temperatures ranged between 32.2 to 34.5°C and 25.4 to 27.1°C respectively. Relative humidity ranges from 78 to 97 % at 0712 hrs and 63 to 74 % at 1412 hrs. The winds run mainly from the ESE & ENE with a speed of 1.3 to 11.9 km/hour. Light to moderate rain may likely occur in the coming five days. Maximum & minimum temperature may range from 32.0 to 34.0 deg C & 25.0 to 27.0 deg C respectively. Wind will blow with a speed of 8.0-10.0 km/hr from the ESE direction. As per ERFS products, rainfall will be below normal and maximum & minimum temperature will be normal from 11 - 17 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 should be done by keeping in view the weather forecast.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
GREEN GRAM	Sowing of green gram should be done by mid of this month.
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.
FODDER MAIZE	Sowing of Kharif fodder crops like Jawar, lobia, maize, bajara, gawar etc should be done.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BOTTLE GOURD	If there is an infestation of fruit fly in bottle gourd, it can be reduced by using pheromone traps.
MANGO	Drying up the leaves in the MAnGo tree is mainly due to waterlogging in the field. So, make proper arrangements for drainage. Waterlogging in the initial years of mango establishment is very harmful. When the field becomes Water-free/dry (but having appropriate moisture content) use recommended dose of fertilizers in the tree basin according to the age of plants.
GUAVA	On the infestation of scale insects in guava trees, spray Imidacloprid 17.8 SL 2ml/5 liter of water or Thiamethoxam 25 WDG 2gm/5liter of water. Spraying of chemicals should be done in clear weather.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	To prevent foot and mouth disease in cattle, vaccination of animals should be done with the consultation of the 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.