



Gramin Krishi Mausam Sewa
 India Meteorological Department
 Govind Ballabh Pant University of Agriculture & Technology
 Udham Singh Nagar, Pantnagar, Uttarakhand



Agromet Advisory Bulletin

Date : 22-05-2020

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2020-05-22(Valid Till 08:30 IST of the next 5 days)

Parameter	2020-05-23	2020-05-24	2020-05-25	2020-05-26	2020-05-27
Rainfall	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	38.0	38.0	39.0	39.0	40.0
Tmin(°C)	22.0	22.0	22.0	23.0	23.0
RH-I(%)	65	75	75	70	70
RH-II(%)	30	35	35	30	30
Wind Speed(kmph)	8.0	10.0	10.0	10.0	10.0
Wind Direction(Degree)	320	120	320	120	120
Wind Direction(Degree)	0	0	0	0	1

Weather Summary/Alert:

In the last seven days (15-21 May 2020), there was 0.0 mm rain and the sky was clear to p-cloudy. The maximum & minimum temperatures ranged between 35.0 to 39.0°C and 16.8 to 20.4°C respectively. Relative humidity ranges from 55 to 80 % at 0712 a.m. and 12 to 40 % at 1412 hrs. The winds run mainly from the WNW at a speed of 0.2 to 5.1 km/hour.

General Advisory:

NDVI and SPI maps received from the India Meteorological Department dated- 22 May 2020 indicated that the NDVI ranged between 0.2-0.4 for Udham Singh Nagar i.e. agriculture vigor is moderate in the district. SPI map represents the extremely wet conditions in the district for the past 4 weeks. There is a request to the farmers to do agricultural work themselves as far as possible and if there is a need of laborers, then keep in mind that there should be a distance of at least one meter between the two persons so that any possibility of corona infection can be avoided.

SMS Advisory:

Weather will remain clear in the coming five days. Maximum & minimum temperature may ranges from 38.0 to 40.0 deg C & 22.0 to 23.0 deg C respectively.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Nursery preparation for mid duration variety of paddy-naren 359, saryu 52, Pant dhan 4, PR 113, HKR 47 should be done from 25 May to 10 June.

Crop(Varieties)	Crop Specific Advisory
DAINCHA	Sowing of dsana sesbania (dhaincha) varieties like Pant daincha-1, Hisar daincha should be selected for sowing in the bare field.
MAIZE	To control the leaf borer insect, chlorantraniliprole @ 4ml/10lit of water should be sprayed. Spraying of chemical should be done in clear weather.
TOMATO	On the occurrence of contracted piebald leaves in tomato crop, infected plants should be removed and destroyed. To control the juice sucking insect in these crops, sarvangi insecticide should be sprayed.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
FRENCH BEAN	To control the root and stem rot diseases in french bean, recommended chemical should be sprayed. Spraying of chemical should be done in clear weather.
PUMPKIN	On the occurrence of contracted piebald leaves in Cucurbitaceous crop, infected plants should be removed and destroyed. To control the juice sucking insect in these crops, sarvangi insecticide should be sprayed.
CHILLI	On the occurrence of contracted piebald leaves in the crop, infected plants should be removed and destroyed.
MANGO	To control fruit fly in mango orchard, pheromone trap made up of wood should be should be placed on tree 10 trap/ha and pheromone trap should be changed in 2 months.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	To save the animals from HS (Galgotu) and black quarter (BQ) disease, vaccination on the recommendation of veterinarian should be given to them.