



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 : 30-09-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-09-30(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-10-01	2022-10-02	2022-10-03	2022-10-04	2022-10-05
Rainfall(mm)	0.0	0.0	0.0	0.0	2.0
Tmax(°C)	32.0	33.0	34.0	33.0	33.0
Tmin(°C)	22.0	23.0	23.0	24.0	23.0
RH-I(%)	75	70	70	75	85
RH-II(%)	45	45	40	45	45
Wind Speed(kmph)	6.0	6.0	6.0	6.0	6.0
Wind Direction(Degree)	90	110	130	130	130
Cloud Cover(Octa)	1	1	1	1	2

Weather Summary/Alert:

In the last seven days (23 – 29 Sept, 2022), there was 135.2 mm rain and the sky was Cloudy to dense cloudy. The maximum & minimum temperatures ranged between 29.0 to 32.0°C and 21.1 to 25.9°C respectively. Relative humidity ranges from 76 to 95 % at 0712 hrs and 61 to 85 % at 1412 hrs. The wind was mainly from the ENE, ESE & WNW with a speed of 1.1 to 11.4 km/hour. In the coming five days, weather will remain clear but very light rain or p-cloudy sky may likely occur on 4 October. Maximum & minimum temperature may range from 32.0 to 34.0 deg C & 22.0 to 24.0 deg C respectively. Wind will blow with a speed of 6.0 km/hr from the E, ESE, SE direction. As per ERF, rainfall will be above normal and maximum & minimum temperature will be normal in the state from 5 to 11 October.

General Advisory:

NDVI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.3-0.5 for U S Nagar ditricts. Farmers are advised to download the “Meghdoot App” to get past week weather, weather forecast, and agromet advisory and "Damini App" to get lightning information. Meghdoot and Damini Apps can be downloaded from the google play store (Android users) and App Center (IOS users). Remove excess water from the fodder crop so that the field dries up and the fallen crop can be raised.

SMS Advisory:

In the coming five days, weather will remain clear but very light rain or p-cloudy sky may likely occur on 4 October.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	On the occurrence of Brown or white hopper in the crop, use 30 g of clothianidin 50 WG in 500 litre of water/ha and if there is a stem borer with hopper then, Fipronil 5 SC @ 1000ml/ha should be used. Spraying of chemical should be done by keeping in view the weather forecast.
CITRUS	If symptoms of citrus yellow mosaic virus is observed then prune the infected twigs and spray systemic insecticide such as imidacloprid 17.8 SL 1 ml/3 litre water or Thiamethoxam 25 WG @ 1g/3 litre water.
MUSTARD	Rai and Mustard should be sown in the first fortnight of October. Rai varieties like, Varuna, Rohini, Krishna, Kanti, Vardan, Vaibhav, Basanti, Narendra, Early rai-4, Urvashi, and yellow mustard varieties like- Ragini, Binoy (B-9), Pant peeli Sarso-1 should be selected for sowing.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
PAPAYA	On the occurrence of leaf mosaic virus in papaya plants, remove yellow and crimped leaves from plants and destroy it or burn in soil. Spray Actara 50 WDG @ 2g/ 5 liter of water. After physiological maturity, pre-ripen fruits are supposed to be harvested and wrapped in paper for further ripening. If left on plant for ripening there are chances of microbial infection and fruitfly damage.
BRINJAL	On the occurrence of white fly in brinjal, destroy the dry leaves and thiamethoxam 25 WG @ 200g/500 lit of water per hectare should be sprayed.
CAULIFLOWER	If the fruits of the early variety of Cauliflower were ready in the fields then send them to the market and the top dressing of Urea should be given in the mid-variety of Cauliflower sown in the last month. Arrangements of weeding, hoeing, and irrigation should be done.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	Vaccination of FMD (Foot and Mouth Disease) should be given to the animals. Green fodder should be given in less quantity to the animals. It is advised that green fodder can be given to the animals by mixing it in dry fodder.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
HEN	Deworming doses should be given to the poultry birds on the recommendation of veterinarian because worms in the poultry birds lessen the production capacity of eggs.