



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 : 30-11-2021

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-11-30(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-12-01	2021-12-02	2021-12-03	2021-12-04	2021-12-05
Rainfall(mm)	0.0	0.0	1.0	0.0	0.0
Tmax(°C)	25.0	23.0	22.0	23.0	24.0
Tmin(°C)	10.0	11.0	10.0	10.0	10.0
RH-I(%)	90	90	90	85	80
RH-II(%)	60	60	65	60	55
Wind Speed(kmph)	6.0	6.0	6.0	6.0	6.0
Wind Direction(Degree)	100	130	100	80	80
Cloud Cover(Octa)	4	5	6	3	1

Weather Summary/Alert:

In the last seven days (23 – 29 November, 2021), there was 0.0 mm rain and the sky was clear. The maximum & minimum temperatures ranged between 24.0 to 26.0°C and 8.4 to 10.8°C respectively. Relative humidity ranges from 87 to 95 % at 0712 hrs and 31 to 45 % at 1412 hrs. The wind was calm & run mainly from the WNW with a speed of 0.8 to 3.6 km/hour. In the coming five days, very light rain may likely occur on 2 December otherwise weather will remain clear. Maximum & minimum temperature may range from 22.0 to 25.0 deg C & 10.0 to 11.0 deg C respectively. Wind will blow with a speed of 6.0 km/hr from the SE & ENE direction. As per ERF, the rainfall will be below normal and maximum & minimum temperature will be normal in the state from 5 to 11 December.

General Advisory:

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). Weather will remain clear in the coming five days. Farmers are advised for, not to burn the residue of paddy crops in the fields because it not only pollute the environment but also causes the severe health (respiratory) problems. Farmers are advised to mix the residue of crops in the soil. It increases the soil fertility. It can be used as mulching for decreasing soil evaporation and to conserve soil moisture.

SMS Advisory:

In the coming five days, very light rain may likely occur on 2 December otherwise weather will remain clear. Farmers are advised to irrigate the crop and vegetables as per requirement.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
MUSTARD	Light irrigation should be given in the crop at the time of grain filling in timely sown crop and before flowering in late sown crop.
FIELD PEA	In case of aphid infestation in pea crop, spray Thiamethoxam 25 WDG (Actara) @ 100 g/ha.
GARLIC	Weeding, hoeing and irrigation should be done in garlic crop.
WHEAT	Do first irrigation of 5-6 cm on 20-25 days of sowing of wheat and second irrigation on 40 to 45 days at the time of bud. In leveled field, top dressing of nitrogen should be done before irrigation or 4-6 days after irrigation.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
TOMATO	To control the thrips, fipronil 5SC @2ml/ha should be sprayed.
CAULIFLOWER	Light irrigation should be given in the cauliflower. Harvesting of cauliflower should be done and it sends to the market.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	With the changing weather, there is a high chance of Niomonias in newborn animals. So, it is advised that animal shed should be protected from cold and hot food should be given to the animals. The buffalo's gestation period is from October-November, so during these months, observe the symptoms of gestation period in female buffaloes in the morning and evening, so that the process of insemination can be completed in time.
COW	With the changing weather, there is a high chance of Niomonias in newborn animals. So, it is advised that animal shed should be protected from cold and hot food should be given to the animals.