



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 : 20-05-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-05-20(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-05-21	2022-05-22	2022-05-23	2022-05-24	2022-05-25
Rainfall(mm)	0.0	0.0	4.0	21.0	0.0
Tmax(°C)	41.0	38.0	36.0	37.0	35.0
Tmin(°C)	21.0	19.0	17.0	17.0	16.0
RH-I(%)	19	31	44	65	47
RH-II(%)	7	10	15	22	26
Wind Speed(kmph)	14.0	14.0	20.0	21.0	14.0
Wind Direction(Degree)	90	79	105	90	99
Cloud Cover(Octa)	2	2	4	4	2

Weather Summary/Alert:

In the last seven days (13 – 19 May, 2022), there was 0.0 mm rain and the sky was Clear to cloudy. The maximum & minimum temperatures ranged between 36.2 to 39.5°C and 21.3 to 27.7°C respectively. Relative humidity ranges from 60 to 73 % at 0712 hrs and 20 to 44 % at 1412 hrs. The wind was mainly from the ESE, ENE & WNW with a speed of 1.2 to 9.6 km/hour. In the coming five days, light rain on 22 May & moderate rain on 23 May likely occur and weather will remain clear on remaining days. Maximum & minimum temperature may range from 35.0 to 41.0 deg C & 16.0 to 21.0 deg C respectively. Wind will blow with a speed of 14.0-21.0 km/hr from the ESE & ENE direction. As per ERF, the rainfall will be below normal and maximum & minimum temperature will be normal in the state from 25 to 31 May. Warning: Thunderstorm accompanied with lightning/intense shower/Hail/Squall (50-60 KMPH gusting up to 70 KMPH at isolated places on 21 & 22 May and 70-80 KMPH gusting up to 90 KMPH at few places on 23 & 24 May) likely to occur.

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). To save the stem of fruit tree from high radiation of sun, mixture of copper oxychloride with lime (1kg copper oxychloride, 30 kg Calcium hydroxide or bujha chuna, 1.5 liter linseed oil in 100 liter of water) should be used. Spraying of chemical should be done keeping in view the weather forecast.

SMS Advisory:

Light rain on 22 May & moderate rain on 23 May likely occur and there is a warning of thunderstorm

accompanied with lightning/intense shower/Hail/Squall from 21-24 May at isolated places.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Farmers should sow the mid duration varieties of paddy like Narendra 359, Pant dhan 4, PR 113, HKR 47 from 25 of May to 10 June.
GREEN GRAM	Harvesting of the mature pods of green gram & black gram should be done. After harvesting turn the crop over the field for green manure.
SUGARCANE	On the occurrence of black bug in sugarcane crop, phenthoate 50EC @ 1 liter/ha or 750 ml of monocrotophos 36 SL or 2liter of quinalphos 25 EC in 500liter of water should be sprayed.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
COWPEA/ LOBIA	After harvesting the mature pods, turn the crop over to the field so that they act as green manure in the field.
BRINJAL	To control the stem and fruit borer in brinjal, spraying of Emamectin benzoate 5SG @ 200g/Ha, Cypermethrin 25EC @200ml/Ha, Lambda cyhalothrin 5CS @ 300ml/Ha should be done and fruit should be used after 5 days of last spraying of chaemicals.
TOMATO	On the occurrence of fruit borer in the Tomato, fruit should be used only after 3 days and 5 days of spraying of Chlorantraniliprole 18.5 SC @ 150ml/Ha and Indoxacarb 14.5 SC @ 500ml/ha respectively.
PUMPKIN	On the occurrence of mottled spot disease or folding of leaves in Cucurbitaceous (pumpkin class vegetables), it is advised that these plants should be separated and destroyed. Sarvangi insecticide should be used on the occurrence of juice sucking insect.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Give anthelmintic medicine called piperazine to the calves of two months of age.
BUFFALO	If animal has taken the cyanide affected fodder then water should not be given to them. Amimals should be kept away from grazing the less grown jawar, bajara, fodder in pasture. Small shrival/fade yellow stiff plants should not be used as fodder for animals to save them from cyanide.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
AGRI FIELD	In the month of May, close the bund of the field and leave it after plowing. Summer plowing destroys the larvae of pests and diseases & seeds of weeds, etc. The rain water from the bund will remain in the field and the soil will not flow out with the flow of water.
LAND PREPARATION	Soil sample should be taken from 10-15 different places in this month from fallow field after harvesting of rabi crops. Soil sample should be taken up to the depth of 20 cm.