



**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 : 05-04-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-04-05(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-04-06	2022-04-07	2022-04-08	2022-04-09	2022-04-10
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	37.0	38.0	38.0	38.0	39.0
Tmin(°C)	13.0	14.0	14.0	15.0	15.0
RH-I(%)	70	70	65	65	65
RH-II(%)	25	25	25	20	20
Wind Speed(kmph)	6.0	8.0	10.0	10.0	10.0
Wind Direction(Degree)	120	120	120	120	250
Cloud Cover(Octa)	0	0	0	0	0

### Weather Summary/Alert:

In the last seven days (29 March – 4 April, 2022), there was 0.0 mm rain and the sky was Clear. The maximum & minimum temperatures ranged between 34.0 to 37.0°C and 14.2 to 19.1°C respectively. Relative humidity ranges from 63 to 80 % at 0712 hrs and 14 to 42 % at 1412 hrs. The wind was mainly from the ESE, WSW & WNW with a speed of 1.7 to 5.9 km/hour. In the coming five days, weather will remain clear. Maximum & minimum temperature may range from 37.0 to 39.0 deg C & 13.0 to 15.0 deg C respectively. Wind will blow with a speed of 6.0-10.0 km/hr from the ESE & NW direction. As per ERF, the rainfall will be below normal and maximum & minimum temperature will be above normal in the state from 10 to 16 April.

### 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). Ploughing of orchard should not be done at the time of flowering. Irrigation should be applied to the orchard. In the crops sown for wheat and other seeds, at the time of ripening of the crop, do the last rouging and destroy the undesirable plants and weeds by removing them from the field. And clean the field completely.

### SMS Advisory:

The weather will be dry in the coming days. Irrigation should not be given at the time of flowering in mango.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
SUGARCANE	• Necessary irrigation should be applied in the sugarcane crop, sown in the month of February and top dressing of urea and hoeing may also be done. • Sowing of late sown sugarcane crop after harvesting of wheat, should be completed in this month. Upper 1/3rd to 1/2nd part of sugarcane should be used as seed for sowing. Seeds should be kept in water for 24 hr before seed treatment because it increases the germination. For seed treatment, solution of 1gram Carbendazim 50% in 1 liter of water should be used.
LENTIL	Harvesting of pulse crops like lentil and gram should be done in the morning, immediate after maturity. Grains should be dried well before storage.
WHEAT	Harvesting of wheat should be done when their spikes turn golden and grain become hard. After harvesting, keep it in the sun for 3-4 days and afterward threshing should be done with thresher. If harvesting should be done with combine then moisture in the grains should not be exceeded by 20%. In late sown crop of wheat, light irrigation should be given. If wind speed is high then do not irrigate the crop.
BARLEY	Harvesting of barley should be done when their spikes turn golden and grain become hard. After harvesting, keep it in the sun for 3-4 days and afterward threshing should be done with thresher. If harvesting should be done with combine then moisture in the grains should not be exceeded by 20%. In late sown crop of barley, light irrigation should be given. If wind speed is high then do not irrigate the crop.
FODDER MAIZE	Fodder crops like jwar, cowpea (lobia), maize, bajara etc can also be sown in the April month if the fodder crop is not available in sufficient quantity.

#### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
PUMPKIN	On the occurrence of leaf spot disease in cucurbitaceous (pumpkin class vegetables) crop, solution of mancozeb @ 2.5 g/lit of water should be sprayed.
TOMATO	In tomato crop, roots should be dipped in to the solution of imidachlopid @1g/lit of water for 10-15 min before transplanting. On the occurrence of contracted piebald leaves in early transplanted crops of tomato, infected plants should be removed and destroyed. To control the juice sucking insect in these crops, sarvangi insecticide should be sprayed.
MANGO	On the occurrence of mango hopper after fruit setting, Imidaclorpid @ 3 ml/10 liter should be sprayed in the mango orchard.

#### Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	Due attention should be given to arrangements for provision of water to animals. The drinking troughs should be kept clean and animals should be provided water at least four times during the day.

#### Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
HEN	For obtaining the high production from poultry birds, temperature of their dwelling place should be maintained. Balanced diet, fresh and neat water should be given to them.