



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 : 28-02-2023

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2023-02-28(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-03-01	2023-03-02	2023-03-03	2023-03-04	2023-03-05
Rainfall(mm)	0.0	1.0	1.0	0.0	0.0
Tmax(°C)	29.0	29.0	30.0	31.0	31.0
Tmin(°C)	14.0	14.0	13.0	12.0	12.0
RH-I(%)	75	75	70	70	70
RH-II(%)	30	35	35	30	30
Wind Speed(kmph)	8.0	8.0	8.0	12.0	12.0
Wind Direction(Degree)	320	320	110	320	320
Cloud Cover(Octa)	6	3	1	1	0

Weather Summary/Alert:

In the last seven days (21-27 Feb, 2023), there was 8.4 mm rain and the sky was clear to p-cloudy. The maximum & minimum temperatures ranged between 27.1 to 39.0°C and 8.8 to 14.0°C respectively. Relative humidity ranges from 75 to 93 % at 0712 hrs and 32 to 56 % at 1412 hrs. The wind was mainly from the WSW, N & WNW with a speed of 0.5 to 5.3 km/hour. In the coming five days, very light rain may occur on 1-2 March otherwise weather will remain clear. Maximum & minimum temperature may range from 28.5 to 31.1 deg C & 12.4 to 14.5 deg C respectively. Wind will blow with a speed of 8.0-12.0 km/hr from the ESE & NW direction.

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).

SMS Advisory:

In the coming five days, very light rain may occur on 1-2 March otherwise weather will remain clear.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
WHEAT	On the occurrence of aphid in wheat, spray the solution of Thiomethaxam 25 WSG @ 100 ml/ha or Imidacloprid 17.8 SL @ 140 ml/ha in 500-600 liters of water. Do second spray at

Crop(Varieties)	Crop Specific Advisory
	an interval of 15 days. Spray should be done in the morning or evening hours when there is no rain or strong wind. In the timely sown wheat crop, irrigate should be applied at flowering stage based on weather forecast.
MUSTARD	On the highly occurrence of aphid in mustard, Methyl-o-demeton 25 ec @ 1.5 lit/ha or malathion 50 ec @ 2.0 lit/ha should be sprayed by keeping in view the weather forecast.
SUGARCANE	Sowing of spring season sugarcane crop should be completed till 15 March.
LENTIL	Irrigation should be arranged as per requirement in lentil crop at grain filling stage.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
MANGO	If Mango mealy bug appeared in the mango trees then cut and separate it and put it in the pit, cover with soil. Last year Gumba baur or Mango mal formation and leaves which are highly affected by powdery mildew should be destroyed by plucking.
TOMATO	In case of late blight, spray Mancozeb 64% + cymoxanil 8% WP @ 2.5gm per litre by keeping in view the weather forecast.
BOTTLE GOURD	Field preparation should be done for sowing bottle gourd (lauki), bitter gourd (Karela), ridged gourd (Torai) and pumpkin (Kashiphal) crop. Compost should be used as nutrients for Cucumber class crop.
VEGETABLE PEA	When lower leaves of pea are turning yellow and plants are drying, then roots of pea crop should be irrigated with the solution of carbendazim @ 1 g/ lit of water.
CABBAGE	Top dressing of Urea should be done in Cabbage and Cauliflower crop after weeding and hoeing and moisture should be maintained in the field.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	Disbudding or destroy the horn buds of calves of cow/buffalo at the age of one week.
GOAT	Goats and sheep should be vaccinated by sheep/goat pox to protect them from chickenpox.