



# Agromet Advisory Services

## REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Week no -01

Date- 05.01.2024

### Bulletin for Kendujhar district of North Central Plateau Agroclimatic Zone.

The mean weekly maximum and minimum temperature at Kendujhar was 26.0 °C and 11.5 °C respectively with no rainfall during the last week.

### Weather Forecast (up to 10.01.2024)

There is likely to be no rainfall during the next five days. The wind speed may remain within 4-6 kmph. The maximum and minimum temperature will remain within 26-27 °C and 10-12 °C during the next five days.

	Date	Rainfall (mm)	T-MAX (C)	T-MIN (C)	Cloud Cover	Rh Max (%)	Rh Min (%)	Wind speed (kmph)	Wind Direction (deg)
KENDUJHARGARH	06-01-2024	1	27	10	3	67	35	6	124
	07-01-2024	1	26	11	4	71	36	5	124
	08-01-2024	0	26	12	1	72	37	5	120
	09-01-2024	0	26	12	4	65	38	4	199
	10-01-2024	0	26	12	2	71	38	4	158

**General advisory:** As per IMD forecast, the weather will remain dry in upcoming days.

- Irrigate the field if moisture stress is seen.
- Contact the nearby shops/markets for marketing of marigold flowers.
- Spray pesticides or neem extract for the sucking pests like aphids and thrips.
- Harvested paddy should be stored with moisture of 10-12% after the threshing.

### Mustard and Toria:

- Remove weeds from the field.
- Carefully monitor the field for diseases and pests.
- Aphids in Mustard and Toria can be controlled by spraying Dimethoate 30% EC @ 2 ml/lit.

### Greengram:

- To reduce aphid infestation, install yellow sticky trap @ 5 nos. per acre or spray Acetamiprid 20% SP @ 20gm/acre.

### Paddy:

- Use fumigants (Aluminium phosphide @ 3 tablets per ton of grains) to avoid the stored grain insects while storing paddy.

## Vegetables:

- **Onion:**

- To control cutworm in onion drench the soil with Chloropyriphos @ 2 ml/lit of water.
- Spray Mancozeb or Copper oxychloride @ 2 g/lit of water to manage leaf spot in Onion.

- **Pointed gourd:**

- To manage downy mildew in Pointed gourd, spray Metalaxyl + Mancozeb @ 400 g/acre.

- **Brinjal:**

- Mulching helps in reducing weeds. If mulching is not given, weeding process should be done.
- Irrigate the crop if soil moisture is low.
- Spray Borax @ 35 mg/lit of water after 15 days of transplanting and at the time of full bloom to increase the yield.
- Hand weeding, top dressing and earthing up should be done 30 days after planting.
- For fruit and shoot borer management in brinjal, spray Emamectin benzoate @ 4 g/10lt of water.

- **Cabbage:**

- To control Cabbage head borer, apply Novaluron 10% EC @ 400 ml or Spinosad 2.5% SC @ 300ml or Emamectin benzoate 5% SG @ 100g in 200lt of water and spray on leaves.
- To control the aphid infestation in cabbage, spray Dimethoate 30% EC @ 6 ml/10 lt of water or Malathion 50% EC @ 1.5 ml/lit.

- **Cauliflower:**

- Aphids in Cauliflower can be controlled by using light trap @ 25 nos./ha.
- Spray 5% Neem oil to control the aphid infestation.
- For severe infestation spray Thiomethoxam 25% W.G @ 80g or Acetamiprid 20% S.P @ 30g per acre in 200 lt of water.

- **Chilli:**

- Symptoms of chilli thrips can be seen by leaf crinkles and upward curling. Spray Imidachlopid 17.8% SL @ 3 ml/10 lt of water or Emamectin benzoate 5% SG @ 4g/10 lt of water.

## Flowers:

- **Marigold:**

- Weeding should be done at proper time interval.
- 30 Days after planting terminal portion should be tipped or removed to encourage the branching.
- Mealy bug in marigold can be controlled by spraying Fish oil or resin soap @ 25 g/lit.
- In severe infestation, spray Dimethoate or Prophenophos @ 2 ml/lit.

- **Rose:**
- In Rose, mealy bug can be controlled by spraying Parathion 2 ml/lit.
- To control Thrips, aphids and leaf hoppers spray Methyl demeton 25 EC @ 2 ml/lit or Carbofuran 3G @ 5 g/plant.

### **Animal Husbandry:**

- **Poultry:**
- Vaccinate the poultry birds if not done earlier.
- Make arrangement of heat bulbs in poultry during night to reduce the coldness.
  
- **Cow:**
- Keep the cow shed clean and cover the shed to protect from the cold waves.
- Vaccinate the cows if not vaccinated earlier.

**TECHNICAL OFFICER**

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