



# Agromet Advisory Services

## REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Week no -52

Date- 29.12.2023

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

The mean weekly maximum and minimum temperature at Kendujhar was 25.6 °C and 11.0 °C respectively with no rainfall during the last week.

### Weather Forecast (up to 03.12.2023)

There is likely to be **no rainfall** during the next five days. The wind speed may remain 4-5 kmph. The maximum and minimum temperature will remain within 26-27 °C and 13-14 °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	30-12-2023	0	26	13	0	68	36	4	135
	31-12-2023	0	27	13	0	70	34	4	155
	01-01-2024	0	27	13	0	70	33	4	198
	02-01-2024	0	27	14	0	72	32	5	200
	03-01-2024	0	27	14	1	74	35	5	153

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

- Complete the harvesting of Paddy crop.
- **Do not burn the stubbles.**
- Use the remains from the field for **vermicompost preparation.**
- If insect-pest infestation is seen in rabi crops, spray recommended insecticides.

### Greengram:

- To reduce aphid infestation, install yellow sticky trap @ 5 nos. per acre or spray Acetamiprid 20% SP @ 20gm/acre.
- To manage the Mungbean yellow mosaic virus, rogue out the virus infected plants and spray Acetamiprid 20 SP @ 250 gm/ha.

### Mustard and Toria:

- Irrigate the field if soil moisture stress is seen.
- Carefully monitor the field for diseases and pests.
- Aphids in Mustard and Toria can be controlled by spraying Dimethoate 30% EC @ 2 ml/lit.

### Paddy:

- Harvest the paddy crops and reduce the moisture content of paddy to 12% by sundrying.
- Threshing of paddy should be done in a clean floor.

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

### Vegetables:

- **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/lt.

- **Cauliflower:**
- Aphids in Cauliflower can be controlled by using light trap @ 25 nos./ha.
- Infested leaves can be plucked and destroyed by hands away from the field.
- Spray 5% Neem oil to control the infestation.
- For severe infestation spray Thiomethoxam 25% W.G @ 80g or Acetamiprid 20% S.P @ 30g per acre in 200 lt of water.

- **Amaranthus:**
- To control leaf spot in amaranthus. Spray Carbendazim @ 1 g/lt of water.
- Spraying sulphur compounds should be avoided.

- **Pointed gourd:**
- Powdery mildew disease can be managed by spraying sulphur @ 0.1%.
- To manage downy mildew in Pointed gourd, spray Metalaxyl + Mancozeb @ 400 g/acre.

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

### Fruits:

- **Banana:**
- Spray Carbendazim or Mancozeb @ 2 g/lt of water to manage sigatoka leaf spot in banana.
- Banana aphids can be control by spraying Dimethoate 30% EC @ 2ml/lt.
- To manage Banana rhizome weevil, trim the pseudostem below ground level.

- **Papaya:**
- To manage the white fly infestation in Papaya, spray Imidachloprid 200 SL @ 0.01%.
- To control fruit fly attack in Papaya, spray Malathion 50 EC @ 2 ml/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.

**TECHNICAL OFFICER**

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