



# Agromet Advisory Services

## REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Week no -52

Date- 26.12.2023

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

The mean weekly maximum and minimum temperature at Kendujhar was 24.5 °C and 9.2 °C respectively with no rainfall during the last week.

### Weather Forecast (up to 31.12.2023)

There is likely to be **no rainfall** during the next five days. The wind speed may remain 4 kmph. The maximum and minimum temperature will remain within 27-28 °C and 11-12 °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	27-12-2023	0	27	12	0	78	37	4	153
	28-12-2023	0	27	12	0	77	36	4	153
	29-12-2023	0	27	11	0	74	36	4	135
	30-12-2023	0	28	12	0	66	34	4	150
	31-12-2023	0	28	12	0	67	33	4	153

**General advisory:** As per IMD forecast, the weather will remain dry in upcoming days. Complete the harvesting of Paddy crop. If insect-pest infestation is seen, resume the spraying activities.

### Mustard and Toria:

- Carefully monitor the field for diseases and pests.
- Keep the field moist to avoid moisture stress for rabi crops.
- Perform hoeing, weeding and thinning (wherever necessary) at 3 weeks stage.
- Irrigate the field if soil moisture stress is seen.
- Aphids in Toria can be controlled by spraying Dimethoate 30% EC @ 2 ml/lit.

### Paddy:

- Harvest the paddy crops and reduce the moisture content of paddy by sundrying.
- Threshing of paddy should be done in a clean floor.
- Keep the paddy grains in safe place and use fumigants (Aluminium phosphide @ 3 tablets per ton of grains) to avoid the stored grain insects.

### 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.

## Vegetables:

- **Brinjal:**
- To control Phomopsis blight disease in brinjal spray Propineb @ 400 g/acre.
- **Okra:**
- Yellow vein mosaic virus in okra transmit through whitefly, thus spray Methyl demeton 25 EC @ 1.6 ml or Thiomethoxam 25 WG @ 2 gm/lit of water to manage it.
- **Amaranthus:**
- To control leaf spot in amaranthus. Spray Carbendazim @ 1 g/lit of water.
- Spraying sulphur compounds should be avoided.
- **Cabbage:**
- To control cutworms in cabbage apply Chloropyriphos @ 2 ml/lit of water.
- To control the aphid infestation in cabbage, spray Dimethoate 30% EC @ 6 ml/10 lit of water or Malathion 50% EC @ 1.5 ml/lit.
- **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.

## Fruits:

- **Banana:**
- Spray Carbendazim or Mancozeb @ 2 g/lit of water to manage sigatoka leaf spot in banana.
- Banana aphids can be control by spraying Dimethoate 30% EC @ 2ml/lit.
- To manage Banana rhizome weevil, trim the pseudostem below ground level.
- **Papaya:**
- To manage the white fly infestation in Papaya, spray Imidachlopid 200 SL @ 0.01%.
- To control fruit fly attack in Papaya, spray Malathion 50 EC @ 2 ml/lit of water.

## Flowers:

- **Marigold:**
- 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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