



# Agromet Advisory Services

## REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Week no -51

Date- 22.12.2023

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

The mean weekly maximum and minimum temperature at Kendujhar was 24.4 °C and 9.0 °C respectively with no rainfall during the last week.

### Weather Forecast (up to 27.12.2023)

There is likely to be **no rainfall** during the next five days. The wind speed may remain within 4-5 kmph. The maximum and minimum temperature will remain within 24-26 °C and 9-11 °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	23-12-2023	0	24	9	2	65	34	4	116
	24-12-2023	0	25	10	3	65	39	4	144
	25-12-2023	0	25	11	0	66	34	4	135
	26-12-2023	0	26	11	0	67	35	5	117
	27-12-2023	0	26	11	0	61	34	5	105

**General advisory:** As per IMD forecast, the weather will remain dry in upcoming days. The cold waves will prevail that may impact the standing crops, therefore, protect the crops from chilling injury. Complete the harvesting of Paddy crop. If insect-pest infestation is seen, resume the spraying activities.

### Mustard:

- Perform hoeing, weeding and thinning (wherever necessary) at 3 weeks stage.
- Irrigate the field if soil moisture stress is seen.
- Monitor the field for insect and pests.
- Aphids in 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.
- To manage the Mungbean yellow mosaic virus, rogue out the virus infected plants and spray Acetamiprid 20 SP @ 250 gm/ha.

### Vegetables:

- **Okra:**
- Spray Mancozeb @ 0.25% to control the cercospora leaf spot in 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/lt of water to manage it.
- **Amaranthus:**
- To control leaf spot in amaranthus. Spray Carbendazim @ 1 g/lt of water.
- Spraying sulphur compounds should be avoided.
- **Cabbage:**
- To control cutworms in cabbage apply Chloropyriphos @ 2 ml/lt of water.
- 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.
- **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/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:**
- Mealy bug in marigold can be controlled by spraying Fish oil or resin soap @ 25 g/lt.
- In severe infestation, spray Dimethoate or Prophenophos @ 2 ml/lt.
- **Rose:**
- In Rose, mealy bug can be controlled by spraying Parathion 2 ml/lt.
- To control Thrips, aphids and leaf hoppers spray Methyl demeton 25 EC @ 2 ml/lt or Carbofuran 3G @ 5 g/plant.

#### **Animal Hubandry:**

- **Cow:**

- Provide necessary arrangements of heat to the animals from the chilling waves.
- Keep the cow shed clean and give clean water to the animals.
- **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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