



Agromet Advisory Services

REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Week no -50

Date- 12.12.2023

Bulletin for Kendujhar district of North Central Plateau Agroclimatic Zone.

The mean weekly maximum and minimum temperature at Kendujhar was 22.8 °C and 14.1 °C respectively with 26.0 mm rainfall during the last week.

Weather Forecast (up to 17.12.2023)

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 25-26 °C and 09-10 °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	13-12-2023	0	25	9	2	70	38	4	158
	14-12-2023	0	25	10	1	73	38	5	112
	15-12-2023	0	26	10	2	55	35	5	160
	16-12-2023	0	25	10	0	47	29	6	158
	17-12-2023	0	25	10	0	45	27	6	146

General advisory: As per IMD forecast, the weather will remain dry in upcoming days. Harvest the paddy crops after proper drying of the soil. With the available soil moisture, paddy cropping (Linseed, greengram and blackgram) can be taken for broadcasting. Spraying activities can be resumed in recent days. Farmers should monitor the field for pest and disease attacks.

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.

Mustard and Toria:

- Carefully monitor the field for diseases and pests.
- Keep the field moist to avoid moisture stress for rabi crops.
- Thin out excess plants after 15-20 days of sowing and maintain plant to plant distance of 10 cm.
- Perform hoeing, weeding and thinning (wherever necessary) at 3 weeks stage.
- Aphids in Toria can be controlled by spraying Dimethoate 30% EC @ 2 ml/lit.

Vegetables:

- **Brinjal:**
- To control Phomopsis blight disease in brinjal spray Propineb @ 400 g/acre.

- To manage the shoot and fruit borer, spray Emamectin benzoate 5% SG @ 4g/10 lt of water.
- **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:**
- To manage downy mildew in Pointed gourd, spray Metalaxyl + Mancozeb @ 400 g/acre.

Fruits:

- **Mango:**
- Spray Wettable sulphur (0.2%) or Carbendazim (0.1%) or Tridemorph (0.1%) or Karathane (0.1%) to control Powdery mildew in mango plant.
- **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 Imidachlopid 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:

- Keep the cow shed clean and give clean water to the animals.
- Vaccinate the poultry birds if not done earlier.
- As the temperature is dipping down, make arrangements for the warmth for the animals.

TECHNICAL OFFICER

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