



Agromet Advisory Services

REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Week no -49

Date- 08.12.2023

Bulletin for Kendujhar district of North Central Plateau Agroclimatic Zone.

The mean weekly maximum and minimum temperature at Kendujhar was 25.2 °C and 16.8 °C respectively with 26.0 mm rainfall during the last week.

Weather Forecast (up to 13.12.2023)

There is likely to be **light rainfall** during the next five days. The wind speed may remain within 5-6 kmph. The maximum and minimum temperature will remain within 20-26 °C and 13-15 °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	09-12-2023	3	20	15	6	93	72	5	195
	10-12-2023	0	24	14	4	78	54	5	165
	11-12-2023	0	26	13	3	65	45	6	162
	12-12-2023	0	26	13	2	51	36	6	199
	13-12-2023	0	26	13	3	54	32	5	180

General advisory: Farmers are advised to remove excess water from the field through drainage. With the available soil moisture, paira cropping (Linseed, greengram and blackgram) can be taken for broadcasting. Harvest the paddy crops after proper drying of the soil. Postpone the spraying activities for next 2-3 days.

Paddy:

- The paddy can be harvested after proper drying the soil.
- Reduce the moisture content of paddy by sundrying.
- Make the threshing floor clean and disinfectant.
- Keep the paddy grains in safe place and use fumigants (Aluminium phosphide @ 3 tablets per ton of grains) to avoid the stored grain insects.

Toria:

- Carefully monitor the field for diseases and pests.
- Avoid water stagnation in the field.
- 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:

- **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 lt of water or Malathion 50% EC @ 1.5 ml/lit.
- **Pointed gourd:**
- To manage downy mildew in Pointed gourd, spray Metalaxyl + Mancozeb @ 400 g/acre.
- **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.
- **Tomato:**
- To control White fly in tomato crop spray Thiomethoxam 25% WG @ 40 g/acre in 200 lt of water.

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/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 Imidachloprid 200 SL @ 0.01%.
- To control fruit fly attack in Papaya, spray Malathion 50 EC @ 2 ml/lit of water.

Flowers:

- **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.
- **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.

TECHNICAL OFFICER

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