



Agromet Advisory Services

REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Week no -50

Date- 15.12.2023

Bulletin for Kendujhar district of North Central Plateau Agroclimatic Zone.

The mean weekly maximum and minimum temperature at Kendujhar was 24.6 °C and 11.0 °C respectively with no rainfall during the last week.

Weather Forecast (up to 20.12.2023)

There is likely to **no rainfall** during the next five days. The wind speed may remain within 4-7 kmph. The maximum and minimum temperature will remain within 24-25 °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	16-12-2023	0	25	11	0	54	30	5	112
	17-12-2023	0	25	11	0	59	31	4	90
	18-12-2023	0	24	10	1	57	32	5	191
	19-12-2023	0	25	9	1	54	34	6	158
	20-12-2023	0	25	9	4	47	26	7	144

General advisory: As per IMD forecast, the weather will remain dry in upcoming days. Harvest the paddy crops and with the available soil moisture, broadcast the seeds of Linseed, greengram and blackgram (Paira cropping). Spraying activities can be resumed. Farmers are advised to protect themselves, animals and crops from the cold waves.

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:

- 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:

- **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:**
- 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 Hubandry:

- Provide necessary arrangements of heat to the animals and poultry from the chilling waves.
- Keep the cow shed clean and give clean water to the animals.
- Vaccinate the poultry birds if not done earlier.

TECHNICAL OFFICER

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