



Agromet Advisory Services

REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Week no -49

Date- 05.12.2023

Bulletin for Kendujhar district of North Central Plateau Agroclimatic Zone.

The mean weekly maximum and minimum temperature at Kendujhar was 28.5 °C and 15.8 °C respectively with no rainfall during the last week.

Weather Forecast (up to 10.12.2023)

There is likely to be **very light to light rainfall** during the next five days. The wind speed may remain within 4-7 kmph. The maximum and minimum temperature will remain within 26-28 °C and 15-19 °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	06-12-2023	5	27	19	6	96	86	5	72
	07-12-2023	7	26	19	6	96	88	7	68
	08-12-2023	2	27	17	5	95	84	6	68
	09-12-2023	1	28	16	3	94	77	5	112
	10-12-2023	0	28	15	1	86	60	4	112

General advisory: Farmers are advised to complete the rabi crops sowing. Harvest the matured paddy crops (80-85% matured panicles) and keep it in safe places. Postpone the spraying activities as light rainfall is expected due to the ongoing cyclone “MICHAUNG”.

Paddy:

- 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.

Mustard:

- Carefully monitor the field for diseases and pests.
- 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.

Vegetables:

- **Cauliflower:**
- The remaining half dose of Nitrogen should be applied after 30-35 days of transplanting in view with the rainfall activities.
- Spray Chlorpyrifos 2 ml/lit in the collar region during evening hours to control cutworms in Cauliflower.

- In Cauliflower, leaf spot can be controlled by spraying Mancozeb at 2 g/lit or Carbendazim @ 1 g/lit.
- **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.
- **Coriander:**
 - Keep the soil moistened by applying light and frequent irrigation.
 - Apply fertilisers to the crop (if not applied earlier).
- **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.
- **Okra:**
 - To control powdery mildew in okra spray Kelthane or sulphur powder.
 - White fly and Aphids in Okra can be controlled by spraying Dimethoate 30% EC @ 2 ml/lit combined with Neem Seed Kernel Extract 5 %.

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:

- **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.

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