



# Agromet Advisory Services

## REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Week no -48

Date- 01.12.2023

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

The mean weekly maximum and minimum temperature at Kendujhar was 27.7 °C and 14.1 °C respectively with no rainfall during the last week.

### Weather Forecast (up to 06.11.2023)

There is likely to be **Very light to no rainfall** during the next five days. The wind speed may remain within 6-7 kmph. The maximum and minimum temperature will remain within 27-31 °C and 17-18 °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	02-12-2023	0	31	17	3	71	39	7	72
	03-12-2023	0	30	17	3	73	46	7	64
	04-12-2023	1	30	18	4	73	48	7	77
	05-12-2023	5	28	18	5	89	55	6	77
	06-12-2023	7	27	18	6	89	88	6	66

**General advisory:** Harvest the matured paddy and store it in safe place after proper sundrying. Postpone spraying activities. Keep the threshing floor clean. Before harvesting the paddy, paira cropping with Greengram, blackgram and linseed can be taken.

### Paddy:

- ❖ For store grain pests, use fumigants to store grains i.e Aluminium phosphide tablets @ 3 tablets/ ton of grains.
- ❖ Make the threshing floor clean and disinfectant.
- ❖ Restrict the irrigation in case of long duration paddy varieties which are almost matured to harvest.
- ❖ Broadcast the linseed, blackgram or greengram 7 days prior to harvesting for paira cropping.

### Mustard:

- ❖ Spray Methyl demeton @ 0.02% to control aphid population.
- ❖ Release Chrysoperla carnea @ 50,000 first instar larvae 01-02 times at per need for controlling Aphids in Mustard and Toria.

### Toria:

- ❖ Spray the crop with methyl demeton or dimethoate @ 1000 ml or imidacloprid 125 ml/ha to manage aphids ensuring thorough coverage.
- ❖ Provide irrigation at 12-15 days interval and if two irrigation is available, spray one at flowering and another at pod filling stage (Critical water stage).

## Vegetables:

- **Pointed gourd:**

- ❖ To manage downy mildew in Pointed gourd, spray Metalaxyl + Mancozeb @ 400 g/acre.

- **Cauliflower:**

- ❖ The remaining half dose of Nitrogen should be applied after 30-35 days of transplanting.
- ❖ The Diamond back moth (DBM) can infest the cole crops. Thus spray Emamectin benzoate 5% SG @ 80 g/acre with 200 lt of water.
- ❖ In Cauliflower, leaf spot can be controlled by spraying Mancozeb at 2 g/lit or Carbendazim @ 1 g/lit.

- **Tomato:**

- ❖ To control White fly in tomato crop spray Thiomethoxam 25% WG @ 40 g/acre in 200 lt of water.

- **Brinjal:**

- ❖ Provide irrigation if soil moisture is deficient.
- ❖ 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.

## 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.

- **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.

**TECHNICAL OFFICER**

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