



Agromet Advisory Services

REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Week no -01

Date- 02.01.2024

Bulletin for Kendujhar district of North Central Plateau Agroclimatic Zone.

The mean weekly maximum and minimum temperature at Kendujhar was 26.4 °C and 12.2 °C respectively with no rainfall during the last week.

Weather Forecast (up to 07.01.2024)

There is likely to be **no to light rainfall** during the next five days. Light rainfall is expected on **6 and 7th of January**. The wind speed may remain 5-6 kmph. The maximum and minimum temperature will remain within 24-26 °C and 12-14 °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	03-01-2024	0	26	12	0	62	33	6	68
	04-01-2024	0	26	13	0	63	34	5	191
	05-01-2024	0	24	14	1	77	30	5	202
	06-01-2024	3	24	14	4	76	34	6	169
	07-01-2024	4	25	13	4	74	35	5	197

General advisory: As per IMD forecast, the weather will remain dry for next 3 days and light rainfall is expected after that. Irrigate the field if necessary.

- Do not burn the paddy stubbles after harvesting.
- Instead of it, use the remains from the field for vermicompost preparation.
- If insect-pest infestation is seen in *rabi* crops, spray recommended insecticides.
- Contact the nearby shops/markets for marketing of marigold flowers.

Mustard and Toria:

- Irrigate the field if soil is dry.
- Remove weeds from the field.
- Carefully monitor the field for diseases and pests.
- Aphids in Mustard and Toria can be controlled by spraying Dimethoate 30% EC @ 2 ml/lit.

Greengram:

- To reduce aphid infestation, install yellow sticky trap @ 5 nos. per acre or spray Acetamiprid 20% SP @ 20gm/acre.
- To manage the Mungbean yellow mosaic virus, rogue out the virus infected plants and spray Acetamiprid 20 SP @ 250 gm/ha.

Paddy:

- Harvest the paddy crops and reduce the moisture content of paddy to 12% by sundrying.
- Use fumigants (Aluminium phosphide @ 3 tablets per ton of grains) to avoid the stored grain insects.

Vegetables:

Cabbage:

- To control Cabbage head borer, apply Novaluron 10% EC @ 400 ml or Spinosad 2.5% SC @ 300ml or Emamectin benzoate 5% SG @ 100g in 200lt of water and spray on leaves.
- 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.

Cauliflower:

- Aphids in Cauliflower can be controlled by using light trap @ 25 nos./ha.
- Spray 5% Neem oil to control the aphid infestation.
- For severe infestation spray Thiomethoxam 25% W.G @ 80g or Acetamiprid 20% S.P @ 30g per acre in 200 lt of water.

Chilli:

- Symptoms of chilli thrips can be seen by leaf crinkles and upward curling. Spray Imidachloprid 17.8% SL @ 3 ml/10 lt of water or Emamectin benzoate 5% SG @ 4g/10 lt of water.

Fruits:

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

Flowers:

Marigold:

- Weeding should be done at proper time interval.
- 30 Days after planting terminal portion should be tipped or removed to encourage the branching.
- 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/lit.
- To control Thrips, aphids and leaf hoppers spray Methyl demeton 25 EC @ 2 ml/lit or Carbofuran 3G @ 5 g/plant.

Animal Husbandry:

- **Poultry:**
- Vaccinate the poultry birds if not done earlier.
- Make arrangement of heat bulbs in poultry during night to reduce the coldness.
- **Cow:**
- Keep the cow shed clean and cover the shed to protect from the cold waves.

TECHNICAL OFFICER

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