



Agromet Advisory Services

REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Week no -05

Date- 30.01.2024

Bulletin for Kendujhar district of North Central Plateau Agroclimatic Zone.

The mean weekly maximum and minimum temperature at Kendujhar was 23.0 °C and 11.4 °C respectively with 20.2 rainfall during the last week.

Weather Forecast (up to 04.02.2024)

There is likely to be **no to light rainfall** during the next five days. The wind speed may remain within 6-9 kmph. The maximum and minimum temperature will remain within 25-28 °C and 10-13 °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	31-01-2024	0	28	13	4	86	35	8	167
	01-02-2024	0	28	13	1	86	33	8	163
	02-02-2024	4	26	10	7	91	38	9	191
	03-02-2024	0	25	10	0	72	28	9	288
	04-02-2024	0	27	12	0	55	24	6	72

General advisory: According to IMD, **cold waves** may prevail with **no to light rainfall** over the Keonjhar district is forecasted.

- Take preventive measures against the cold waves.
- Harvest the matured crops and store them in safe storage.
- Use Aluminium Phosphide (Celphos tablets) as fumigants for safe storage.
- Carefully, monitor the field for disease and pests..
- For managing the aphid population spraying with Imidachlopid or Acephate can be beneficial.

Linseed:

- In case of Utera/Paira cropping, apply top dressing of Urea in the pre-flowering stage.
- Spraying of Imidachlopid @ 2 g/lit of water can reduce the aphids population.
- Use Chloropyriphos and neem extract containing Azadiractin 300 ppm can reduce the damage by Termite and leaf miner.

Mustard:

- Mustard are in flowering and pod filling stage.
- Irrigate the crop if soil is dry.
- Alternaria leaf blight in Mustard and Toria can be managed by spraying fungicides such as Carbendazim + Mancozeb or Hexaconazole or Chlorothalonil @ 2 g/lit of water.
- Aphids in Mustard and Toria can be controlled by spraying Dimethoate 30% EC @ 2 ml/lit.

Sunflower:

- Spray Borax 10% @ 2 g/lit of water during flowering for better development of the crop.
- Thrips and Whitefly in Sunflower can be well managed by spraying Acephate or Imidachlopid @ 1-2 ml/lit of water.

Vegetables:

- **Chilli:**
- Symptoms of chilli thrips can be seen by leaf crinkles and upward curling. Spray Imidachlopid 17.8% SL @ 3 ml/10 lt of water or Emamectin benzoate 5% SG @ 4g/10 lt of water.
- **Tomato:**
- Remove the disease affected leaves and twigs.
- Make the field clean and remove the weeds.
- For managing fruit borer in tomato, spray Flubendiamide 5g/10 lt of water.
- **Brinjal:**
- For fruit and shoot borer management in brinjal, spray Emamectin benzoate @ 4 g/10lt of water.
- **Cauliflower:**
- Fall army worm or head borer can be controlled by spraying Emamectin benzoate 5% SG @ 4-5 g/10lt of water.
- Aphids in Cauliflower can be controlled by spraying Thiomethoxam 25% W.G @ 80g or Acetamiprid 20% S.P @ 30g per acre in 200 lt of water.
- **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.

Flowers:

- **Rose:**
- 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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