



Agromet Advisory Services

REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Week no -06

Date- 09.02.2024

Bulletin for Kendujhar district of North Central Plateau Agroclimatic Zone.

The mean weekly maximum and minimum temperature at Kendujhar was 28.5 °C and 14.7 °C respectively with 1.2 mm rainfall during the last week.

Weather Forecast (up to 14.02.2024)

There is likely to be **light rainfall** during the next five days. The wind speed may remain within 5-7 kmph. The maximum and minimum temperature will remain within 27-29 °C and 11-15 °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	10-02-2024	0	27	11	0	40	22	6	120
	11-02-2024	0	29	13	1	38	19	5	135
	12-02-2024	5	27	14	7	41	20	5	162
	13-02-2024	4	27	15	7	49	25	7	180
	14-02-2024	0	29	14	5	58	23	7	79

General advisory: According to IMD, **light rainfall** over the Keonjhar district is forecasted.

- 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.
- Postpone the spraying activities
- Make bunds to store water
- Remove excess water through proper drainage channel

Chickpea:

- Alternaria blight in chickpea can be managed by spraying Mancozeb @ 2.5 g/lit of water or Carbendazim @ 1 g/lit of water.
- Avoid excessive irrigation to the crop.
- To control powdery mildew disease in chickpea spray with Dithane- M 45 @ 2.5 g/lit of water.

Linseed:

- In case of Utera/Paira cropping, apply top dressing of Urea in the pre-flowering stage.
- Spraying of Imidachloprid @ 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.
- Aphids in Mustard and Toria can be controlled by spraying Dimethoate 30% EC @ 2 ml/lit.

Vegetables:

- **Brinjal:**
- Whitefly and aphids in brinjal can be managed by spraying Phosphamidon 40% SL @ 1.5 ml/lit of water.
- For fruit and shoot borer management in brinjal, spray Emamectin benzoate @ 4 g/10lt of water.
- **Little leaf in brinjal** can be controlled by spraying Methyl demeton 30 EC @ 1 ml/lit of water to control the vectors.

- **Cauliflower:**
- **Diamond back moth** in cauliflower can be managed by spraying Cartap hydrochloride @ 1 g/lit of water.
- 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.

- **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.

- **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.

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.

Animal Husbandry:

- **Cow:**
- Provide clean drinking water to the calves and cows.
- Arrange proper heat to the sheds to reduce the cold waves.

TECHNICAL OFFICER

For better agricultural benefits, use **OUAT KALINGA** products (Seedlings, Saplings & QPM, Tissue Culture Plants, Fruits & Vegetables, Value Added Products, Fingerlings/ Yearlings, Poultry chicks, Breeds, Mushroom & Spawn, Bio-Fertilizer, Bio-Pesticides, Vermi & Vermi Compost and Farm Implements).

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