



Agromet Advisory Services

REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Week no -06

Date- 06.02.2024

Bulletin for Kendujhar district of North Central Plateau Agroclimatic Zone.

The mean weekly maximum and minimum temperature at Kendujhar was 27.7 °C and 15.0 °C respectively with no rainfall during the last week.

Weather Forecast (up to 11.02.2024)

There is likely to be **no rainfall** during the next five days. The wind speed may remain within 5-8 kmph. The maximum and minimum temperature will remain within 25-31 °C and 12-15 °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	07-02-2024	0	31	15	0	70	33	8	45
	08-02-2024	0	30	14	0	64	33	6	191
	09-02-2024	0	29	13	0	52	31	6	105
	10-02-2024	0	27	12	2	39	26	6	135
	11-02-2024	0	25	14	4	32	19	5	248

General advisory: According to IMD, **no rainfall** over the Keonjhar district is forecasted.

- Provide irrigation if soil moisture stress is observed.
- 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.

Linseed:

- Top dressing of Urea in pre-flowering stage of Linseed can be applied.
- Spraying of Imidachloprid @ 2 g/l 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.

Chickpea:

- Avoid excessive irrigation to the crop.
- Powdery mildew can be managed using home remedy by spraying milk sprays (40% milk and 60% water).
- To control powdery mildew disease in chickpea spray with Dithane- M 45 @ 2.5 g/l of water.

- Alternaria blight in chickpea can be managed by spraying Mancozeb @ 2.5 g/lit of water or Carbendazim @ 1 g/lit of water.

Mustard:

- Mustard are in flowering and pod filling stage.
- Top dressing of Urea can be done in mustard crop.
- Aphids in Mustard and Toria can be controlled by spraying Dimethoate 30% EC @ 2 ml/lit.

Fruits:

- **Banana:**
- **Yellow sigatoka** diseases in Banana can be managed by spraying Carbendazim and Propiconazole @ 0.1% in 10-15 days interval.
- **Papaya:**
- To manage Papaya ring spot virus, remove or rogue out the plants and burn it away from the field.
- Papaya leaf curl virus can be controlled by spraying Imidachloprid or Acephate @ 2g/lit of water.

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 Imidachlopid 17.8% SL @ 3 ml/10 lt of water or Emamectin benzoate 5% SG @ 4g/10 lt of water.
- **Tomato:**
- Provide staking to the tomato plants.
- 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/lt or Carbofuran 3G @ 5 g/plant.
- **Marigold:**
- 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.

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

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