



Agromet Advisory Services

REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Week no -04

Date- 27.01.2024

Bulletin for Kendujhar district of North Central Plateau Agroclimatic Zone.

The mean weekly maximum and minimum temperature at Kendujhar was 21.8 °C and 12.2 °C respectively with 27.2 rainfall during the last week.

Weather Forecast (up to 01.02.2024)

There is likely to be **very light rainfall** during the next five days. The wind speed may remain within 4-7 kmph. The maximum and minimum temperature will remain within 24-26 °C and 9-13 °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	28-01-2024	0	24	9	2	57	27	4	180
	29-01-2024	0	25	10	3	72	29	5	153
	30-01-2024	0	26	11	1	78	32	7	167
	31-01-2024	0	26	13	2	82	35	7	193
	01-02-2024	5	25	13	6	83	44	6	202

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

- Take preventive measures against the cold waves.
- Carefully, monitor the field for disease and pests.
- Continue the spraying activities in the field.
- Apply irrigation if soil moisture stress is seen in the field.
- For managing the aphid population spraying with Imidachloprid or Acephate can be beneficial.

Mustard and Toria:

- Mustard and Toria are in pod filling and pod development 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.

Linseed:

- In case of Utera/Paira cropping, apply top dressing of Urea in the pre-flowering stage.
- Use Chloropyriphos and neem extract containing Azadiractin 300 ppm can reduce the damage by Termite and leaf miner.

Sunflower:

- Provide irrigation during the pre-flowering and seed setting stage.
- 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 Imidachloprid @ 1-2 ml/lit of water.

Vegetables:

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 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.

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.

Spinach:

- Make the field clean by removing weeds.
- Apply fungicides like Mancozeb or Carbendazim to manage leaf spot in spinach.

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:**
- 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.
- **Marigold:**
- 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/lit.
- In severe infestation, spray Dimethoate or Prophenophos @ 2 ml/lit.

Animal Husbandry:

- **Poultry:**
- Vaccinate the poultry birds if not done earlier.
- Make arrangement of heat bulbs in poultry during night to reduce the coldness.

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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