



Agromet Advisory Services

REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Week no -08

Date- 23.02.2024

Bulletin for Kendujhar district of North Central Plateau Agroclimatic Zone.

The mean weekly maximum and minimum temperature at Kendujhar was 31.1 °C and 18.0 °C respectively with 1.5 mm rainfall during the last week.

Weather Forecast (up to 28.02.2024)

There is likely to be **very light to light rainfall from 24 to 26 February**. The wind speed may remain within 6-10 kmph. The maximum and minimum temperature will remain within 29-32 °C and 19-21 °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	24-02-2024	2	31	19	4	67	29	9	75
	25-02-2024	5	32	19	6	91	36	10	116
	26-02-2024	5	32	19	6	80	45	9	111
	27-02-2024	0	30	20	4	72	37	10	117
	28-02-2024	0	29	21	0	57	33	6	118

General advisory: According to IMD, **very light to light rainfall** over the Keonjhar district is forecasted. After that dry weather may prevail over the district.

- Pause spraying activities for next 3-5 days.
- Monitor the field for disease and pests regularly.
- Harvest the matured crops and store them in safe storage.
- Apply fertilizers and irrigate the field accordingly.

Mustard:

- One irrigation can be applied in flowering stage along with top dressing of Urea.
- Mustard are in flowering and pod filling stage.
- Carefully monitor the field for white rust.
- The prevailing weather condition favours powdery mildew infection. Spray Sulphur powder to manage it.
- Aphids in Mustard and Toria can be controlled by spraying Dimethoate 30% EC @ 2 ml/lit.

Linseed:

- Linseed are in flowering and pod formation stage.
- If top dressing of Urea is not done, apply fertilizer in flowering stage.
- Aphids in Linseed can be managed by spraying of Imidachloprid @ 2 g/lit of water

- Remove cuscuta (nirmuli-weed) from the field if present.

Chickpea:

- Nipping process should be done after 30 DAS.
- Keep the field weed free.
- Irrigation can be done to avoid heat stress.
- If only one irrigation is available apply it in pod formation stage.
- To control powdery mildew disease in chickpea spray with Dithane- M 45 @ 2.5 g/lit of water.

Vegetables:

- **Tomato:**
 - Make the field clean and remove the weeds.
 - For managing fruit borer in tomato, spray Flubendiamide 5g/10 lt of water.
- **Cauliflower:**
 - Alternaria leaf spot can be managed by spraying Mancozeb 75% WP @ 600 g/acre.
 - **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.
- **Brinjal:**
 - **Little leaf in brinjal** can be controlled by spraying Methyl demeton 30 EC @ 1 ml/lit of water to control the vectors.
 - For fruit and shoot borer management in brinjal, spray Emamectin benzoate @ 4 g/10lt of water.
- **Cucurbits:**
 - Spray neem oil @ 600 ml/acre to control red pumpkin beetle in cucurbits.
 - Sulphur powder can be used to treat powdery mildew disease in cucurbits.
- **Onion:**
 - To control cutworm in onion, drench the soil with Chloropyriphos @ 2 ml/lit of water.
 - Spray Mancozeb or Copper oxychloride @ 2 g/lit of water to manage leaf spot in Onion.
- **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.

Flowers:

- **Marigold:**
 - Pluck the flowers regularly and sell it in the market for fetching good return.

- Irrigate the crop regularly.
- Mealy bug in marigold can be controlled by spraying Fish oil or resin soap @ 25 g/lit.
- In severe infestation of mealy bug, spray Dimethoate or Prophenophos @ 2 ml/lit.

Animal Husbandry:

- **Poultry:**
- Vaccinate the poultry birds within the first week with Lasota and administer IBT within first two weeks.
- Clean drinking water should be provided regularly to the poultry birds.

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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