



Agromet Advisory Services

REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Week no -09

Date- 27.02.2024

Bulletin for Kendujhar district of North Central Plateau Agroclimatic Zone.

The mean weekly maximum and minimum temperature at Kendujhar was 29.1 °C and 17.8 °C respectively with 1.9 mm rainfall during the last week.

Weather Forecast (up to 03.03.2024)

There is likely to be **light rainfall from 28 February to 1st March and no rainfall on 2nd and 3rd March** . The wind speed may remain within 5-8 kmph. The maximum and minimum temperature will remain within 31-33 °C and 19-20 °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	28-02-2024	6	31	19	6	68	33	5	180
	29-02-2024	0	32	20	2	59	28	7	68
	01-03-2024	2	32	20	4	74	21	6	146
	02-03-2024	0	33	20	0	68	23	6	158
	03-03-2024	0	33	20	2	56	21	8	210

General advisory:

- Monitor the field for disease and pests regularly.
- Infestation of aphids and occurrence of powdery mildew diseases may rise.
- Harvest the matured crops and store them in safe storage.
- Apply fertilizers and irrigate the field accordingly.
- Spraying activities can be resumed.

Chickpea:

- Chickpea are in flowering and pod development stage.
- 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.

Mustard:

- Mustard are in pod maturity stage.
- The prevailing weather condition favours powdery mildew infection. Spray Sulphur powder or Karathane to manage it.

- Aphids in Mustard can be controlled by spraying Dimethoate 30% EC @ 2 ml/lit.

Linseed:

- Linseed are in pod development and pre-maturity stage.
- Harvesting of linseed can be done after the pod turns brown.
- Aphids in Linseed can be managed by spraying of Imidachlopid @ 2 g/lit of water.
- Remove cuscuta from the field immediately.

Vegetables:

Brinjal:

- Harvest the matured fruit and store it in safe place.
- **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.
- Alternaria leaf spot in Brinjal can be controlled by spraying Carbendazim @ 2g/lit.

Tomato:

- Make the field clean and remove the weeds.
- Remove the disease affected twigs and burn it away from the field.
- 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.

Cabbage:

- High humidity and moist weather will favour infection of Alternaria leaf spot. To manage it spray Mancozeb or Carbendazim @ 2 g/lit.

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.

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.

- In severe infestation of mealy bug, spray Dimethoate or Prophenophos @ 2 ml/lit.
- **Rose:**
- Mealy bug in rose can be controlled by spraying Neem oil or with soap foam.
- In severe infestation, remove the affected branches.

TECHNICAL OFFICER

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