



Agromet Advisory Services

REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Week no -07

Date- 16.02.2024

Bulletin for Kendujhar district of North Central Plateau Agroclimatic Zone.

The mean weekly maximum and minimum temperature at Kendujhar was 29.1 °C and 14.4 °C respectively with 1.1 mm rainfall during the last week.

Weather Forecast (up to 21.02.2024)

There is likely to be **no rainfall** during the next five days. The wind speed may remain within 6-10 kmph. The maximum and minimum temperature will remain within 31-33 °C and 16-17 °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	17-02-2024	0	31	16	1	62	25	6	135
	18-02-2024	0	31	16	0	54	20	7	71
	19-02-2024	0	32	17	0	75	22	6	126
	20-02-2024	0	32	17	2	71	28	8	163
	21-02-2024	0	33	17	1	58	20	10	225

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

- Harvest the matured crops and store them in safe storage..
- Spraying activities can be resumed.
- Apply fertilizers and irrigate the field accordingly.

Linseed:

- If top dressing of Urea is not done, apply fertilizer.
- Spraying of Imidachloprid @ 2 g/lt of water can reduce the aphids population.

Mustard:

- Irrigate the field if soil moisture stress is seen.
- Mustard are in flowering and pod filling stage.
- Postpone the irrigation for next 3-5 days.
- Aphids in Mustard and Toria can be controlled by spraying Dimethoate 30% EC @ 2 ml/lit.

Chickpea:

- Irrigation can be done to avoid heat stress.

- To control powdery mildew disease in chickpea spray with Dithane- M 45 @ 2.5 g/lit of water.

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:

- **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.
- **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.
- **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.
- **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.

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:

- **Poultry:**
- Vaccinate the poultry birds if not vaccinated.
- Clean drinking water should be provided regularly to the poultry birds.

TECHNICAL OFFICER

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