



Agromet Advisory Services

REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Week no -02

Date- 12.01.2024

Bulletin for Kendujhar district of North Central Plateau Agroclimatic Zone.

The mean weekly maximum and minimum temperature at Kendujhar was 26.7 °C and 12.8 °C respectively with no rainfall during the last week.

Weather Forecast (up to 17.01.2024)

There is likely to be no rainfall during the next five days. The wind speed may remain within 4-8 kmph. The maximum and minimum temperature will remain within 26-27 °C and 11-13 °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	13-01-2024	0	26	11	0	40	29	6	180
	14-01-2024	0	26	11	0	39	20	6	153
	15-01-2024	0	26	12	0	52	22	4	135
	16-01-2024	0	27	12	0	82	29	5	109
	17-01-2024	0	26	13	4	93	37	8	158

General advisory: As per IMD forecast, dry weather very likely to prevail over the keonjhar district.

- Monitor the field for diseases and pest.
- **Spray pesticides or neem extract for the sucking pests like aphids and thrips.**
- Complete the hoeing and weeding process if weeds are present in the field.
- Irrigate the field if moisture stress is seen.

Mustard and Toria:

- For weed management, hand weeding or hoeing should be done.
- Top dressing of Urea at the flowering stage can be done.
- Aphids in Mustard and Toria can be controlled by spraying Dimethoate 30% EC @ 2 ml/lit

Linseed:

- Make the field weed free by hoeing or hand weeding.
- If soil moisture is low, irrigate the field.

Vegetables:

- **Pointed gourd:**
- Powdery mildew disease can be managed by spraying sulphur @ 0.1%.
- To manage downy mildew in Pointed gourd, spray Metalaxyl + Mancozeb @ 400 g/acre.
- **Brinjal:**
- Spray Borax @ 35 mg/lit of water after 15 days of transplanting and at the time of full bloom to increase the yield.
- Hand weeding, top dressing and earthing up should be done 30 days after planting.
- For fruit and shoot borer management in brinjal, spray Emamectin benzoate @ 4 g/10lt of water.
- **Okra:**
- Yellow vein mosaic virus in okra transmit through whitefly, thus spray Methyl demeton 25 EC @ 1.6 ml or Thiomethoxam 25 WG @ 2 gm/lit of water to manage it.
- **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.
- To control the aphid infestation in cabbage, spray Dimethoate 30% EC @ 6 ml/10 lt of water or Malathion 50% EC @ 1.5 ml/lit.
- **Cauliflower:**
- Aphids in Cauliflower can be controlled by using light trap @ 25 nos./ha.
- Spray 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.
- **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.
- **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.

Flowers:

- **Marigold:**
- Weeding should be done at proper time interval.
- 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.

- **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.

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

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