



# Agromet Advisory Services

## REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Week no -03

Date- 16.01.2024

### Bulletin for Kendujhar district of North Central Plateau Agroclimatic Zone.

The mean weekly maximum and minimum temperature at Kendujhar was 27.0 °C and 12.0 °C respectively with no rainfall during the last week.

### Weather Forecast (up to 21.01.2024)

There is likely to be **very light to light rainfall** during the next five days. The wind speed may remain within 5-9 kmph. The maximum and minimum temperature will remain within 26-27 °C and 10-13 °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	17-01-2024	2	27	13	4	97	53	8	162
	18-01-2024	5	27	12	6	96	49	9	167
	19-01-2024	5	26	11	6	69	51	6	135
	20-01-2024	0	26	11	0	74	35	5	109
	21-01-2024	0	27	10	0	92	44	6	158

**General advisory:** As per IMD, **very light to light rainfall** over the keonjhar district is forecasted.

- Complete the sowing of all *rabi* crops.
- Monitor the field for diseases and pest.
- Complete the hoeing and weeding process if weeds are present in the field.
- Postpone the spraying activities for next 4-5 days.

### Mustard and Toria:

- Mustard and Toria are in pod filling stage. Therefore, watch for the rainfall in upcoming days and then schedule the irrigation.
- 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:

- Termite, cutworm and leaf miner can infest the crop and cause considerable damage.
- Use Chloropyrifos and neem extract containing Azadiractin 300 ppm can reduce the damage by Termite and leaf miner.

- Make the field weed free by hoeing or hand weeding.

### **Vegetables:**

- **Tomato:**

- Make the field clean and remove the weeds.
- For managing fruit borer in tomato, spray Flubendiamide 5g/10 lt of water.
- Schedule the irrigation of the crop as per the rainfall activity in upcoming days.

- **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/lt.

- **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/lt of water.
- Spray Mancozeb or Copper oxychloride @ 2 g/lt of water to manage leaf spot in Onion.

- **Brinjal:**

- Spray Borax @ 35 mg/lt 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.

### **Flowers:**

- **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/lt.
- In severe infestation, spray Dimethoate or Prophenophos @ 2 ml/lt.

- **Rose:**
- In Rose, mealy bug can be controlled by spraying Parathion 2 ml/lt.
- To control Thrips, aphids and leaf hoppers spray Methyl demeton 25 EC @ 2 ml/lt or Carbofuran 3G @ 5 g/plant.

## TECHNICAL OFFICER

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