



# Agromet Advisory Services

## REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Week no -02

Date- 09.01.2024

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

The mean weekly maximum and minimum temperature at Kendujhar was 26.1 °C and 11.5 °C respectively with no rainfall during the last week.

### Weather Forecast (up to 14.01.2024)

There is likely to be no rainfall during the next five days. The wind speed may remain within 5-6 kmph. The maximum and minimum temperature will remain within 25-26 °C and 11-14 °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 | 10-01-2024 | 0             | 26        | 13        | 2           | 70         | 35         | 6                 | 202                  |
|               | 11-01-2024 | 0             | 26        | 14        | 2           | 68         | 33         | 5                 | 120                  |
|               | 12-01-2024 | 0             | 25        | 13        | 2           | 70         | 39         | 5                 | 117                  |
|               | 13-01-2024 | 0             | 26        | 12        | 0           | 37         | 25         | 6                 | 162                  |
|               | 14-01-2024 | 0             | 26        | 11        | 0           | 38         | 18         | 6                 | 155                  |

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

- 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.
- Contact the nearby shops/markets for marketing of marigold flowers.

### Mustard and Toria:

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

### Linseed:

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

### **Greengram:**

- To reduce aphid infestation, install yellow sticky trap @ 5 nos. per acre or spray Acetamiprid 20% SP @ 20gm/acre.
- Keep the field weed free.

### **Vegetables:**

#### **Brinjal:**

- Mulching helps in reducing weeds. If mulching is not given, weeding process should be done.
- Irrigate the crop if soil moisture is low.
- 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.

#### **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.

**TECHNICAL OFFICER**

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