



# Agromet Advisory Services

## REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Week no -04

Date- 24.01.2024

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

The mean weekly maximum and minimum temperature at Kendujhar was 22.7 °C and 14.1 °C respectively with 13.8 rainfall during the last week.

### Weather Forecast (up to 29.01.2024)

There is likely to be **very light to light rainfall** during the next five days. The wind speed may remain within 4-5 kmph. The maximum and minimum temperature will remain within 16-26 °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	25-01-2024	12	16	14	8	96	81	5	90
	26-01-2024	0	22	14	6	87	45	5	115
	27-01-2024	0	25	12	3	75	35	4	154
	28-01-2024	0	25	11	1	68	40	5	120
	29-01-2024	0	26	11	1	74	34	4	158

**General advisory:** According to IMD, **cloudy weather** with **very light to light rainfall** over the Keonjhar district is forecasted.

- The prevailing weather will enhance the disease and pest incidence. Carefully, monitor the field for it.
- Postpone the spraying activities in the field.
- Make proper arrangements for water storage and remove excess water.
- For managing the aphid population spraying with Imidachloprid or Acephate can be beneficial.

### **Sunflower:**

- Spray Borax 10% @ 2 g/lit of water during flowering for better development of the crop.
- Provide irrigation during the pre-flowering and seed setting stage.
- Farmers can use **Agri aqua gel** for holding more water in the field @ 1-2 kg/acre in rainfall deficient areas.
- Thrips and Whitefly in Sunflower can be well managed by spraying Acephate or Imidachloprid @ 1-2 ml/lit of water.

### **Mustard and Toria:**

- Mustard and Toria are in pod filling stage. Schedule the irrigation after the rainfall or if the field is dry.

- Top dressing of Urea at the flowering stage can be done.
- Alternaria leaf blight in Mustard and Toria can be managed by spraying fungicides such as Carbendazim + Mancozeb or Hexaconazole or Chlorothalonil @ 2 g/lit of water.
- Aphids in Mustard and Toria can be controlled by spraying Dimethoate 30% EC @ 2 ml/lit.

### **Linseed:**

- In case of Utera/Paira cropping, apply top dressing of Urea in the pre-flowering stage.
- 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:**

- **Cauliflower:**
  - 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 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.
- **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.
- **Spinach:**
  - Make the field clean by removing weeds.
  - Apply fungicides like Mancozeb or Carbendazim to manage leaf spot in spinach.
- **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.
- **Brinjal:**
  - Spray Borax @ 35 mg/lt of water after 15 days of transplanting and at the time of full bloom to increase the yield.
  - For fruit and shoot borer management in brinjal, spray Emamectin benzoate @ 4 g/10lt 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.
- Schedule the irrigation of the crop after the field is dry.

#### **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.

#### **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**

---

For better agricultural benefits, use **OUAT KALINGA** products (Seedlings, Saplings & QPM, Tissue Culture Plants, Fruits & Vegetables, Value Added Products, Fingerlings/ Yearlings, Poultry chicks, Breeds, Mushroom & Spawn, Bio-Fertilizer, Bio-Pesticides, Vermi & Vermi Compost and Farm Implements).

**IMD Weather forecast and Agro-meteorological advisory of Odisha location is now available on Meghdoot mobile app in English and Odia language.**

**Download: (Android: <https://play.google.com/store/apps/details?id=com.aas.meghdoot>), (iOS: <https://apps.apple.com/in/app/meghdoot/id1474048155>)**