



# Agromet Advisory Services

## REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Week no -07

Date- 13.02.2024

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

The mean weekly maximum and minimum temperature at Kendujhar was 28.8 °C and 14.1 °C respectively with 1.8 mm rainfall during the last week.

### Weather Forecast (up to 18.02.2024)

There is likely to be **very light to moderate rainfall** during the next five days. The wind speed may remain within 5-9 kmph. The maximum and minimum temperature will remain within 27-30 °C and 14-17 °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	14-02-2024	0	30	16	3	68	30	9	162
	15-02-2024	4	29	17	6	69	29	7	79
	16-02-2024	16	27	17	8	76	27	7	68
	17-02-2024	2	29	15	6	62	31	5	79
	18-02-2024	0	30	14	4	69	30	6	153

**General advisory:** According to IMD, **very light to moderate rainfall** over the Keonjhar district is forecasted. Rainfall is **moderate on 16<sup>th</sup> February 2024** as per IMD prediction.

- Postpone the spraying activities as anticipation of rainfall is there.
- Make bunds to store water in the field.
- Remove excess water through proper drainage channel from the field.
- Harvest the matured crops and store them in safe storage.
- Use Aluminium Phosphide (Celphos tablets) as fumigants for safe storage.
- Carefully, monitor the field for disease and pests.

### Mustard:

- 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.
- Spray Carbendazim or Mancozeb @ 2g/lt of water to prevent Alternaria leaf spot in mustard.

### Chickpea:

- Delay irrigation as rainfall is forecasted.

- Alternaria blight in chickpea can be managed by spraying Mancozeb @ 2.5 g/lit of water or Carbendazim @ 1 g/lit of water.
- To control powdery mildew disease in chickpea spray with Dithane- M 45 @ 2.5 g/lit of water.

### **Linseed:**

- In case of Utera/Paira cropping, apply top dressing of Urea in the pre-flowering stage.
- Spraying of Imidachlopid @ 2 g/lit of water can reduce the aphids population.
- Use Chloropyriphos and neem extract containing Azadiractin 300 ppm can reduce the damage by Termite and leaf miner.

### **Vegetables:**

- **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.
- **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.
- **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 Imidachlopid 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.

### Flowers:

- **Rose:**
- To control Thrips, aphids and leaf hoppers spray Methyl demeton 25 EC @ 2 ml/lit or Carbofuran 3G @ 5 g/plant.
- **Marigold:**
- 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.

### Animal Husbandry:

- **Cow:**
- Provide clean drinking water to the calves and cows.
- Keep the shed clean and disinfectant.
- **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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