



# Agromet Advisory Services

## REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Week no -09

Date- 04.03.2024

Bulletin for **Mayurbhanj district** of North Central Plateau Agroclimatic Zone.

The mean weekly maximum and minimum temperature at Mayurbhanj was 32.7 °C and 20.0 °C respectively with 9.3 mm rainfall during the last week.

	Date	Rainfall (mm)	T-MAX (C)	T-MIN (C)	Cloud Cover	Rh Max (%)	Rh Min (%)	Wind speed (kmph)	Wind Direction (deg)
MAYURBHANJ	05-03-2024	5	32	21	2	68	31	8	162
	06-03-2024	0	33	19	1	60	26	8	150
	07-03-2024	0	33	20	2	68	27	9	153
	08-03-2024	4	32	21	2	68	37	9	90
	09-03-2024	5	32	21	1	55	25	8	135

### Weather Summary/Alert:

As per the forecast issued by India Meteorological Department, **light rainfall (on 5<sup>th</sup>, 8<sup>th</sup> and 9<sup>th</sup> March)** is expected in Mayurbhanj district during the next 5 days. The sky will remain mainly clear. The wind speed may remain within 8-9 kmph. The maximum and minimum temperature will remain within 32-33 °C and 19-21 °C during the next five days.

### Warnings:

Since light rainfall are expected, no warnings have been issued.

### General Advisory:

- Matured vegetables should be harvested and kept in safe places.
- Irrigate the field if soil is dry.
- Infestation of aphids and occurrence of powdery mildew diseases may be seen in the field.
- Apply herbicides and fungicides accordingly.

### SMS Advisory:

- Reduce the chemical application of pesticides and spray neem oil.

**Crop Specific Advisory:**

Crop	Stage(s) of Crop	Crop Specific Advisory
<b>Chickpea</b>	Flowering and Fruiting	<ul style="list-style-type: none"><li>• Irrigation can be done to avoid heat stress.</li><li>• To control powdery mildew disease in chickpea spray with Dithane- M 45 @ 2.5 g/lit of water.</li></ul>
<b>Linseed</b>	Pod maturity	<ul style="list-style-type: none"><li>• Remove cuscuta and other weeds from the field.</li><li>• Harvesting of linseed can be done after the pod turns brown.</li><li>• Aphids in Linseed can be managed by spraying of Imidachloprid @ 2 g/lit of water.</li></ul>
<b>Mustard</b>	Pod maturity and Harvesting	<ul style="list-style-type: none"><li>• The prevailing weather condition favours powdery mildew infection. Spray Sulphur powder or Karathane @ 2-3% to manage it.</li></ul>
<b>Vegetables:</b>		
<b>Cauliflower</b>	Flowering	<ul style="list-style-type: none"><li>• Spray Cartap hydrochloride @ 1 g/lit of water to control <b>Diamond back moth in cauliflower</b>.</li><li>• Spraying of Emamectin benzoate 5% SG @ 4-5 g/10lt of water will reduce the attacks of fall army worm or Head borer.</li></ul>
<b>Onion</b>	Bulb formation	<ul style="list-style-type: none"><li>• To control cutworm in onion, drench the soil with Chloropyriphos @ 2 ml/lit of water.</li><li>• Spray Mancozeb or Copper oxychloride @ 2 g/lit of water to manage leaf spot in Onion.</li></ul>
<b>Brinjal</b>	Flowering and Fruiting	<ul style="list-style-type: none"><li>• Harvest the matured fruit and store it in safe place.</li><li>• For fruit and shoot borer management in brinjal, spray Emamectin benzoate @ 4 g/10lt of water.</li></ul>
<b>Chilli</b>	Flowering and Fruiting	<ul style="list-style-type: none"><li>• 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.</li></ul>
<b>Tomato</b>	Flowering and Fruiting	<ul style="list-style-type: none"><li>• Make the field clean and remove the weeds.</li><li>• Remove the disease affected twigs and burn it away from the field.</li><li>• For managing fruit borer in tomato, spray Flubendiamide 5g/10 lt of water.</li></ul>

**Flowers:**

<b>Marigold</b>	Flowering	<ul style="list-style-type: none"><li>• Irrigate the crop regularly to freshen the flowers.</li><li>• Harvest the flowers and sell it nearby markets to fetch good return.</li><li>• Sundry some flowers to keep the seeds for the next season.</li></ul>
<b>Rose</b>	Flowering	<ul style="list-style-type: none"><li>• Apply FYM 30 cm away from the root zone.</li><li>• Spraying of Soap water/foam or Neem oil can reduce the infestation of the mealy bug.</li></ul>

**Livestock:**

<b>Cow</b>		<ul style="list-style-type: none"><li>• Provide clean drinking water regularly.</li><li>• Keep the cow shed clean.</li></ul>
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