



# Agromet Advisory Services

## REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Week no -10

Date- 07.03.2024

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

The mean weekly maximum and minimum temperature at Mayurbhanj was 32.8 °C and 20.8°C respectively with 3.5 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	08-03-2024	10	26	23	7	66	28	9	198
	09-03-2024	2	31	21	5	41	21	8	180
	10-03-2024	0	33	19	0	35	19	8	68
	11-03-2024	0	34	19	0	40	17	7	236
	12-03-2024	0	38	19	0	63	18	8	199

### Weather Summary/Alert:

As per the forecast issued by India Meteorological Department, **light rainfall (on 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 7-9kmph. The maximum and minimum temperature will remain within 26-38°C and 19-23°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/lt 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/lt 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/lt 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 Chloropyrifos @ 2 ml/lt of water.</li><li>• Spray Mancozeb or Copper oxychloride @ 2 g/lt 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>

<b>Flowers:</b>		
<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>
<b>Livestock:</b>		
<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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