



Agromet Advisory Services

REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Week no -11

Date- 12.03.2024

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

The mean weekly maximum and minimum temperature at Mayurbhanj was 32.5 °C and 20.3°C respectively with 0.7 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	13-03-2024	0	35	23	0	77	24	8	158
	14-03-2024	0	36	24	0	84	25	11	191
	15-03-2024	2	37	24	6	66	24	9	158
	16-03-2024	10	35	25	8	80	31	9	120
	17-03-2024	15	32	22	8	70	32	12	195

Weather Summary/Alert:

As per the forecast issued by India Meteorological Department, **very light rainfall (on 2nd March) light rainfall (on 16th and 17th March)** is expected in Mayurbhanj district during the next 5 days.

The sky will remain mainly clear. The wind speed may remain within 8-12 kmph. The maximum and minimum temperature will remain within 32-37 °C and 22-25 °C during the next five days.

Warnings:

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

General Advisory:

- Keep the harvested crops at safe places away from the insects.
- Apply irrigation if soil moisture is low.
- Keep the crop field clean.
- Apply herbicides and fungicides for reducing the weed infestation and disease occurrence.

SMS Advisory:

- Use light traps in the field to kill insects.

Crop Specific Advisory:

Crop	Stage(s) of Crop	Crop Specific Advisory
Chickpea	Flowering and Fruiting	<ul style="list-style-type: none">• Infestation of gram pod borer will make holes and feed the grains and make empty.• To reduce the borer infestation in chickpea, apply Neem oil @ 12.5 lt/ha or spray Triazophos 40 EC @ 2 ml/lt.• To control powdery mildew disease in chickpea spray with Dithane- M 45 @ 2.5 g/lt of water.
Linseed	Pod maturity	<ul style="list-style-type: none">• Aphids in Linseed can be managed by spraying of Imidachloprid @ 2 g/lt of water.• Powdery mildew in linseed can be managed by two foliar sprays of wettable sulphur @ 4 g/lt of water.
Mustard	Pod maturity and Harvesting	<ul style="list-style-type: none">• The prevailing weather condition favours powdery mildew infection. Spray Karathane @ 0.75-1 ml/lt to manage it.• Harvest the matured silique/pods and reduce the soil moisture for better storage.

Vegetables:

Cabbage	Flowering	<ul style="list-style-type: none">• Harvest the matured head and sell it near the market to fetch good return.• To manage cutworms in cabbage, apply Chloropyriphos @ 2 ml/lt.• Spraying of Emamectin benzoate 5% SG @ 4-5 g/10lt of water will reduce the attacks of fall army worm or Head borer.
Onion	Bulb formation	<ul style="list-style-type: none">• Harvest the onion and store in a well ventilated place.• To control cutworm in onion, drench the soil with Chloropyriphos @ 2 ml/lt of water.• Spray Mancozeb or Copper oxychloride @ 2 g/lt of water to manage leaf spot in Onion.
Brinjal	Flowering and Fruiting	<ul style="list-style-type: none">• Harvest the matured fruit and store it in safe place.• In case of Bacterial wilt in brinjal, remove or uproot the plant and burn it away from the field.• For fruit and shoot borer management in brinjal, spray Emamectin benzoate @ 4 g/10 lt of water.

Chilli	Flowering and Fruiting	<ul style="list-style-type: none"> • Cercospora leaf spot in chilli can be managed by spraying Mancozeb @ 2.5 g/lit. • 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.
Tomato	Flowering and Fruiting	<ul style="list-style-type: none"> • Make the field clean and remove the weeds. • Remove the disease affected twigs and burn it away from the field. • For managing fruit borer in tomato, spray Flubendiamide 5g/10 lt of water.
Flowers:		
Marigold	Flowering	<ul style="list-style-type: none"> • Irrigate the crop regularly to freshen the flowers. • Harvest the flowers and sell it nearby markets to fetch good return. • Sundry some flowers to keep the seeds for the next season.
Rose	Flowering	<ul style="list-style-type: none"> • Apply FYM 30 cm away from the root zone. • Spraying of Soap water/foam or Neem oil can reduce the infestation of the mealy bug.
Livestock:		
Goat	Kid	<ul style="list-style-type: none"> • Provide clean drinking water regularly. • For controlling Foot and Mouth disease, vaccinate the kids at 3rd month and once in every 4-6 months.

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