



Agromet Advisory Services

REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Week no -09

Date- 01.03.2024

Bulletin for Mayurbhanj district of North Central Plateau Agroclimatic Zone.

The mean weekly maximum and minimum temperature at Mayurbhanj was 31.0 °C and 19.5 °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	02-03-2024	0	34	20	0	68	19	8	236
	03-03-2024	0	33	20	2	62	17	8	163
	04-03-2024	5	33	20	2	64	26	7	135
	05-03-2024	6	31	21	3	72	37	8	195
	06-03-2024	0	32	21	2	71	25	8	158

Weather Summary/Alert:

As per the forecast issued by India Meteorological Department, **light rainfall (on 4th and 5th March)** is expected in Mayurbhanj district during the next 5 days. The sky will remain clear to partly cloudy. The wind speed may remain within 7-8 kmph. The maximum and minimum temperature will remain within 31-34 °C and 20-21 °C during the next five days.

Warnings:

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

General Advisory:

- Harvest the matured crops and store them in safe storage.
- Apply fertilizers and irrigate the field accordingly.
- Monitor the field for disease and pests regularly.
- Infestation of aphids and occurrence of powdery mildew diseases may rise.

SMS Advisory:

- Apply more vermicompost than chemical fertilisers.

Crop Specific Advisory:

Crop	Stage(s) of Crop	Crop Specific Advisory
Chickpea	Flowering and Fruiting	<ul style="list-style-type: none"> • Irrigation can be done to avoid heat stress. • If only one irrigation is available apply it in pod formation stage. • To control powdery mildew disease in chickpea spray with Dithane- M 45 @ 2.5 g/lit of water.
Linseed	Pod maturity	<ul style="list-style-type: none"> • Harvesting of linseed can be done after the pod turns brown. • Aphids in Linseed can be managed by spraying of Imidachloprid @ 2 g/lit of water.
Mustard	Pod maturity and Harvesting	<ul style="list-style-type: none"> • The prevailing weather condition favours powdery mildew infection. Spray Sulphur powder or Karathane to manage it.
Vegetables:		
Cauliflower	Flowering	<ul style="list-style-type: none"> • Alternaria leaf spot can be managed by spraying Mancozeb 75% WP @ 600 g/acre. • spray Cartap hydrochloride @ 1 g/lit of water to control Diamond back moth in cauliflower. • Spraying of Emamectin benzoate 5% SG @ 4-5 g/10lt of water will reduce the attacks of fall army worm or Head borer.
Cabbage	Head formation	<ul style="list-style-type: none"> • High humidity and moist weather will favour infection of Alternaria leaf spot. To manage it spray Mancozeb or Carbendazim @ 2 g/lit.
Brinjal	Flowering and Fruiting	<ul style="list-style-type: none"> • Harvest the matured fruit and store it in safe place. • For fruit and shoot borer management in brinjal, spray Emamectin benzoate @ 4 g/10lt of water. • Alternaria leaf spot and Leaf blight in Brinjal can be controlled by spraying Carbendazim @ 2g/lit.
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.

		<ul style="list-style-type: none"> 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"> Irrigation should be done on regular basis. 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:		
Poultry	Chicks	<ul style="list-style-type: none"> Vaccinate the poultry birds within the first week with Lasota and administer IBT within first two weeks. Clean drinking water should be provided regularly to the poultry birds.
Cow		<ul style="list-style-type: none"> Provide clean drinking water regularly. Keep the cow shed clean.

Contact details:

Name: Subhakanta Samantaray

Email: subhakantaofficial95@gmail.com

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>)