



# Agromet Advisory Services

## REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Week no -12      Date- 19.03.2024

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

The mean weekly maximum and minimum temperature at Mayurbhanj was 33.7 °C and 20.4°C respectively with 15.9 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)
Keonjhar	20-03-2024	30	25	18	8	88	34	9	124
	21-03-2024	10	27	18	8	85	49	6	79
	22-03-2024	0	30	20	2	80	38	6	161
	23-03-2024	0	32	22	0	74	27	9	204
	24-03-2024	0	34	22	0	66	16	9	216

### Weather Summary/Alert:

As per the forecast issued by India Meteorological Department, **moderate to light rainfall on 20<sup>th</sup> and 21<sup>st</sup> March** is expected in Keonjhar district during the next 5 days. The sky will remain overcast to mainly clear. The wind speed may remain within 6-9 kmph. The maximum and minimum temperature will remain within 25-34 °C and 18-22°C during the next five days.

### Warnings:

Moderate rainfall with lightning and thunderstorm may affect the Keonjhar district. Do not move outside during lightning and thunderstorm.

### General Advisory:

- Make proper drainage channel to remove excess water from the field.
- Harvest the matured vegetables.
- Use celphos tablets to keep away the insects.
- Make arrangement like bunds for storing water for future use.

### SMS Advisory:

- Postpone the irrigation and spraying activities.

**Crop Specific Advisory:**

<b>Crop</b>	<b>Stage(s) of Crop</b>	<b>Crop Specific Advisory</b>
<b>Chickpea</b>	Flowering and Fruiting	<ul style="list-style-type: none"><li>• Harvest the matured chickpea.</li><li>• Drain out excess water.</li><li>• To reduce the borer infestation in chickpea, apply Neem oil @ 12.5 lt/ha or spray Triazophos 40 EC @ 2 ml/lt.</li></ul>
<b>Linseed</b>	Pod maturity	<ul style="list-style-type: none"><li>• Harvest the matured linseed.</li><li>• Store the linseed at safe places.</li></ul>
<b>Mustard</b>	Pod maturity and Harvesting	<ul style="list-style-type: none"><li>• Avoid water stagnation near the plant.</li><li>• Spray Karathane @ 0.75-1 ml/lt to manage powdery mildew.</li></ul>
<b>Vegetables:</b>		
<b>Cauliflower</b>	Flowering	<ul style="list-style-type: none"><li>• Protect the cauliflower from the rainfall.</li><li>• Make drainage channel to remove excess water.</li><li>• Harvest the matured cauliflower and sell it near the market to fetch good return.</li><li>• To manage cutworms in cabbage, apply Chloropyriphos @ 2 ml/lt.</li></ul>
<b>Onion</b>	Bulb formation	<ul style="list-style-type: none"><li>• Harvest the onion and store in a well ventilated place.</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>• Matured brinjal can be harvested.</li><li>• For fruit and shoot borer management in brinjal, spray Emamectin benzoate @ 4 g/10 lt 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>• Harvest the Tomato when it is half ripen to store it for more time.</li><li>• For managing fruit borer in tomato, spray Flubendiamide 5g/10 lt of water.</li></ul>

<b>Fruits:</b>		
<b>Mango</b>	Flowering	<ul style="list-style-type: none"> <li>• Spraying of Thiomethoxam @ 0.5 g/lit can help in managing mango mealy bug.</li> <li>• Spray Planofix @ 0.4 ml/lit to reduce the flower drop in mango.</li> </ul>
<b>Banana</b>	Vegetative	<ul style="list-style-type: none"> <li>• Apply FYM to the plant.</li> <li>• Sigatoka leaf spot in Banana can be managed by spraying Carbendazim @ 1 g/lit at 15 days interval.</li> </ul>
<b>Flowers:</b>		
<b>Marigold</b>	Flowering	<ul style="list-style-type: none"> <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>Goat</b>	Kid	<ul style="list-style-type: none"> <li>• Provide clean drinking water regularly.</li> <li>• For controlling Foot and Mouth disease, vaccinate the kids at 3<sup>rd</sup> month and once in every 4-6 months.</li> </ul>
<b>Cow</b>	Calf	<ul style="list-style-type: none"> <li>• Keep the shed clean.</li> <li>• Due to the heat, provide water regularly to the animals.</li> </ul>

**Contact details:**

**Name:** Subhakanta Samantaray

**Email:** subhakantaofficial95@gmail.com

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