



# Agromet Advisory Services

## REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Week no -17      Date- 26.04.2024

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

The mean weekly maximum and minimum temperature at Keonjhar was 40.8 °C and 27.5 °C respectively with no 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	27-04-2024	0	42	26	2	57	13	8	158
	28-04-2024	0	42	26	2	57	10	8	161
	29-04-2024	0	43	26	4	58	14	7	165
	30-04-2024	0	42	25	0	60	9	10	281
	01-05-2024	0	41	25	1	39	10	10	270

### Weather Summary/Alert:

As per the forecast issued by India Meteorological Department, during the next 5 days there is possibility of **no rainfall** in Keonjhar district. The sky will remain clear to partly cloudy. The wind speed may remain within 7-10 kmph. The maximum and minimum temperature will remain within 41-43 °C and 25-26 °C during the next five days.

### Warnings:

Heat waves to severe heat waves have been issued for Keonjhar district. There is increase in the day temperature in upcoming days.

### General Advisory:

- Irrigation to the crops should be regular to reduce the heat stress in crops.
- Keep yourself and the animals hydrated.
- Avoid outing and grazing of animals during day time.

### SMS Advisory:

- Do not move to outside during day time.

**Crop Specific Advisory:**

Crop	Stage(s) of Crop	Crop Specific Advisory
<b>Vegetables:</b>		
<b>Tomato</b>	Flowering and Fruiting	<ul style="list-style-type: none"><li>• Irrigate the tomato crop regularly.</li><li>• Provide staking to the crop.</li><li>• Make use of ripen tomato to prepare tomato ketchup and sauce.</li><li>• Sell the processed and value added products to fetch more return.</li><li>• To control Fruit borer spray Azadirachtin 1% @ 2 ml/lit during evening hours.</li><li>• For managing mealy bugs spray Imidachloprid 80.5 SC @ 0.6 g/lit.</li></ul>
<b>Chilli</b>	Flowering/Fruiting/Harvesting	<ul style="list-style-type: none"><li>• Provide irrigation to the crop.</li><li>• Harvest the chilli and reduce the moisture content.</li><li>• Make value addition to the crops by making chilli sauce, chilli pickles etc.</li></ul>
<b>Brinjal</b>	Flowering and Fruiting	<ul style="list-style-type: none"><li>• Harvest the matured brinjal.</li><li>• Harvested brinjals should be washed properly and sell them in the nearby market.</li><li>• Irrigate the plants regularly.</li><li>• For fruit and shoot borer management in brinjal, spray Emamectin benzoate @ 4 g/10 lt of water.</li></ul>
<b>Spinach</b>	Vegetative	<ul style="list-style-type: none"><li>• The plants should be irrigated regularly.</li><li>• Apply FYM and vermicompost instead of fertilisers.</li><li>• Sell the crops harvest in the market.</li></ul>
<b>Cucumber</b>	Fruiting/Harvesting	<ul style="list-style-type: none"><li>• Irrigate the crop regularly.</li><li>• Harvest the cucumber and go for the sale.</li><li>• Apply FYM and vermicompost.</li><li>• For controlling downy mildew, spray Mancozeb 2 g/lit at an interval of 10 days.</li></ul>
<b>Livestock:</b>		

<b>Goattery</b>		<ul style="list-style-type: none"> <li>• Due to increase in day temperature, do not allow the goats outside during day time.</li> <li>• Hydrate the animals regularly.</li> </ul>
<b>Cow</b>		<ul style="list-style-type: none"> <li>• Provide clean drinking water to the animals regularly.</li> <li>• Do not allow animals to outside during day time because of heat waves.</li> </ul>
<b>Poultry</b>		<ul style="list-style-type: none"> <li>• Keep the farm cool and moist.</li> <li>• Regularly clean and keep water for drinking to the poultry birds.</li> <li>• The poultry birds should be given mineral mixtures regularly.</li> </ul>

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