



Agromet Advisory Services

REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Week no -15 Date- 12.04.2024

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

The mean weekly maximum and minimum temperature at Keonjhar was 33.8 °C and 21.7 °C respectively with 5.6 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	13-04-2024	3	33	21	5	45	24	8	248
	14-04-2024	2	35	23	4	46	20	7	255
	15-04-2024	0	37	23	2	51	22	6	202
	16-04-2024	0	37	25	2	52	20	8	180
	17-04-2024	2	40	25	1	57	20	7	202

Weather Summary/Alert:

As per the forecast issued by India Meteorological Department, during the next 5 days there is **light to very light rainfall** in Keonjhar district is expected. The sky will remain generally cloudy to mainly clear. The wind speed may remain within 6-8 kmph. The maximum and minimum temperature will remain within 33-40 °C and 21-25 °C during the next five days.

Warnings:

Heat waves have been issued for Keonjhar district after 15th April 2024.

General Advisory:

- The harvested crop should have moisture level of 7-10% before storage.
- Processing of crops should be done at clean surfaces.
- Store the products using celphos tablets. This will help in avoiding the stacks of stored grain pests.
- Avoid outing and grazing of animals during day time.

SMS Advisory:

- Irrigate the crops regularly.

Crop Specific Advisory:

Crop	Stage(s) of Crop	Crop Specific Advisory
Chickpea	Fruiting and Harvesting	<ul style="list-style-type: none">• The matured and harvested chickpea can be sold at the nearby market.• Regularly check for the borer infestation.• To reduce the borer infestation in chickpea, apply Neem oil @ 12.5 lt/ha or spray Triazophos 40 EC @ 2 ml/lt.• To reduce the heat stress, irrigation can be provided to the crop.
Linseed	Harvesting	<ul style="list-style-type: none">• Harvest and separate the linseed at safe and disinfectant surfaces.• Processing of linseed can be carried out and store/sell it at the market.
Sunflower	Flowering	<ul style="list-style-type: none">• Irrigate the crop regularly to reduce the high temperature effect during the day time.• Monitor the field field for pests and diseases.• Alternaria leaf blight in sunflower can be managed by spraying Mancozeb @ 3 g/lt at an interval of 10 days.
Vegetables:		
Cucumber	Fruiting/Harvesting	<ul style="list-style-type: none">• Irrigate the crop regularly.• Harvest the cucumber and go for the sale.• Apply FYM and vermicompost.• For controlling downy mildew, spray Mancozeb 2 g/lt at an interval of 10 days.
Chilli	Flowering/Fruiting/Harvesting	<ul style="list-style-type: none">• Harvest the chilli regularly and provide irrigation to the crop.• Make value addition to the crops by making chilli sauce, chilli pickles etc.• 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">• Don't let touch the tomato fruit to the soil. Rotting can occur. Provide staking to the crop.• Harvest the Tomato when it is half ripen to store it for more time.• For managing fruit borer in tomato, spray Flubendiamide 5g/10 lt of water.

		<ul style="list-style-type: none"> • Make use of ripen tomato to prepare tomato ketchup and sauce. • Sell the processed and value added products to fetch more return.
Brinjal	Flowering and Fruiting	<ul style="list-style-type: none"> • Harvest the matured brinjal. • Irrigate the plants regularly. • For fruit and shoot borer management in brinjal, spray Emamectin benzoate @ 4 g/10 lt of water.
Fruits:		
Mango	Flowering	<ul style="list-style-type: none"> • Remove the diseased plant parts from the tree. • Irrigate the tree regularly. • Spraying of Thiomethoxam @ 0.5 g/lt can help in managing mango mealy bug. • Spray Planofix @ 0.4 ml/lt to reduce the flower drop in mango.
Banana	Vegetative	<ul style="list-style-type: none"> • Sigatoka leaf spot in Banana can be managed by spraying Carbendazim @ 1 g/lt at 15 days interval. • Provide irrigation to the plant regularly.
Livestock:		
Cow		<ul style="list-style-type: none"> • Provide clean drinking water to the animals regularly. • Do not allow animals to outside during day time because of heat waves.
Poultry		<ul style="list-style-type: none"> • Keep the farm cool and moist. • Regularly clean and keep water for drinking to the poultry birds.

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