



Agromet Advisory Services

REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Week no -14 Date- 05.04.2024

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

The mean weekly maximum and minimum temperature at Keonjhar was 38.1 °C and 25.2 °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	06-04-2024	0	41	28	0	23	10	9	225
	07-04-2024	0	40	28	1	30	9	11	112
	08-04-2024	15	38	26	6	35	15	9	210
	09-04-2024	20	37	25	7	59	20	12	259
	10-04-2024	5	37	25	5	49	32	7	245

Weather Summary/Alert:

As per the forecast issued by India Meteorological Department, there is **moderate to light rainfall (8-10 April)** in Keonjhar district during the next 5 days. The sky will remain mainly clear to generally cloudy. The wind speed may remain within 7-12 kmph. The maximum and minimum temperature will remain within 37-41 °C and 25-28 °C during the next five days.

Warnings:

Heat waves at isolated places have been issued for Keonjhar district.

General Advisory:

- For next two days day temperature will rise and then decreased gradually.
- Since rainfall is expected, arrange for storing of rainwater.
- Irrigate the field regularly.
- Use celphos tablets to keep away the insects during storage.

SMS Advisory:

- Make bunds in the field to store water for future use.

Crop Specific Advisory:

Crop	Stage(s) of Crop	Crop Specific Advisory
Chickpea	Flowering and Fruiting	<ul style="list-style-type: none"> • Irrigate the field (if required) and make bunds to store water from the rainfall. • Harvest the matured chickpea and sold at market to fetch good return. • To reduce the borer infestation in chickpea, apply Neem oil @ 12.5 lt/ha or spray Triazophos 40 EC @ 2 ml/lt.
Linseed	Harvesting	<ul style="list-style-type: none"> • Harvest the matured linseed. • Store the linseed at safe places. • Separate the linseeds and make it clean for packaging and selling.
Sunflower	Flowering	<ul style="list-style-type: none"> • Irrigate the crop. • Alternaria leaf blight in sunflower can be managed by spraying Mancozeb @ 3 g/lt at an interval of 10 days. • Head borer in Sunflower can be managed by spraying 5% Neem oil or spray Profenophos 3ml/lt.
Vegetables:		
Tomato	Flowering and Fruiting	<ul style="list-style-type: none"> • 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. • Staking of tomato is necessary. • Heat stress can be seen in the fruits. Thus, irrigate the crop regularly.
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.
Chilli	Flowering and Fruiting	<ul style="list-style-type: none"> • Harvest the chilli regularly and provide irrigation to the crop. • Spray Imidachlopid 17.8% SL @ 3 ml/10 lt of water or Emamectin benzoate 5% SG @ 4g/10 lt of water to control Chilli thrips.
Cucumber	Vegetative	<ul style="list-style-type: none"> • Irrigate the crop regularly. • Apply FYM and vermicompost. • For controlling downy mildew, spray Mancozeb 2 g/lt at an interval of 10 days. • Make proper bunds to store and provide water

		during the rainfall.
Fruits:		
Mango	Flowering and Fruiting	<ul style="list-style-type: none"> • Irrigate the tree regularly. • Spraying of Thiomethoxam @ 0.5 g/lit can help in managing mango mealy bug. • Spray Planofix @ 0.4 ml/lit to reduce the flower drop in mango. • For managing mango mealy bug, spray 0.2% Carbaryl or 0.05% Methyl parathion.
Banana	Vegetative	<ul style="list-style-type: none"> • Sigatoka leaf spot in Banana can be managed by spraying Carbendazim @ 1 g/lit at 15 days interval. • Provide irrigation to the plant regularly.
Livestock:		
Cow		<ul style="list-style-type: none"> • Provide clean drinking water regularly. • Keep the shed clean and disinfectant. • Wash the animals with water to relieve them from heat stress.
Goat		<ul style="list-style-type: none"> • Do not allow goats to go outside during the day time. • Provide food and water regularly to the animals.
Poultry		<ul style="list-style-type: none"> • Keep the poultry environment cool. • Use mist or fogger to maintain the temperature. • Provide clean drinking water regularly.

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