Agromet Advisory Services
REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Week no -16   Date- 19.04.2024

Bulletin for Keonjhar district of North Central Plateau Agroclimatic Zone.

The mean weekly maximum and minimum temperature at Keonjhar was 37.7 ^{0}C and 24.0 ^{0}C respectively with 2.2 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	20-04-2024	0	42	24	0	58	10	8	169
	21-04-2024	0	42	25	3	66	13	8	202
	22-04-2024	10	40	24	7	68	13	8	195
	23-04-2024	15	38	23	8	33	13	13	315
	24-04-2024	5	39	23	5	41	16	9	259

Weather Summary/Alert:

As per the forecast issued by India Meteorological Department, during the next 5 days there is **light rainfall from 22nd to 24th April** in Keonjhar district (as per prediction). The sky will remain clear to overcast. The wind speed may remain within 8-13 kmph. The maximum and minimum temperature will remain within 38-42 ^{0}C and 23-25 ^{0}C during the next five days.

Warnings:

Heat waves upto 21st April have been issued for Keonjhar district.

General Advisory:

- Avoid outing and grazing of animals during day time.
- Provide drinking water to the animals regularly.
- Irrigate the crops to reduce the heat stress.
- Keep the harvested crop in shade and dry places.

SMS Advisory:

- Maintain the ambient temperature in kitchen garden by providing shade to the crops.

Crop Specific Advisory:

Crop	Stage(s) of Crop	Crop Specific Advisory
Sunflower	Flowering	• Irrigate the crop regularly to reduce the high temperature effect during the day time. • Monitor the field for pests and diseases.
Chickpea	Fruiting and Harvesting	• To reduce the borer infestation in chickpea, spray Triazophos 40 EC @ 2 ml/lt. • To reduce the heat stress, irrigation can be provided to the crop. • The matured and harvested chickpea can be sold at the nearby market.
Vegetables:		
Chilli	Flowering/Fruiting/Harvesting	• 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	• Provide staking to the crop. • 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	• 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.
Cucumber	Fruiting/Harvesting	• 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.
Livestock:		

Cow		• Provide clean drinking water to the animals regularly. • Do not allow animals to outside during day time because of heat waves.
Poultry		• Keep the farm cool and moist. • Regularly clean and keep water for drinking to the poultry birds.
Goat		• The kid and the adult should be given drinking water regularly.

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