



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
NORTH EASTERN GHAT ZONE
RRTTS, G. UDAYAGIRI, OUAT, KANDHAMAL, ODISHA-762100
MULTIMODEL ENSEMBLE BASED DISTRICT LEVEL WEATHER FORECAST
FOR THE STATE: ODISHA
ISSUED ON: 02.04.2024 VALID TILL 08:30 IST OF THE NEXT 5 DAYS

Sri Rahul Kumar Sahu
Jr. Agrometeorologist

Week No. 14

Dt: 02.04.2024
Bulletin No.27

Forecast (up to 07.04.2024)
Given by Met. Center IMD, Bhubaneswar

DISTRICT: RAYAGADA – As per the IMD forecast, the district is likely to receive no rainfall with partly cloudy sky. The wind is likely to remain within 7-9 km/hr. The maximum temperature and minimum temperature will likely to remain between 40-42°C and 23-25°C respectively. The Maximum and Minimum Relative Humidity will likely to remain between 33-60% and 11-20% respectively for next five days.

DISTRICT	Date	Rainfall (mm)	T-MAX (C)	T-MIN (C)	Cloud Cover	Rh Max (%)	Rh Min (%)	Wind speed (kmph)	Wind Direction (deg)
RAYAGADA	03-04-2024	0	40	23	2	54	13	9	210
	04-04-2024	0	40	24	2	60	11	8	207
	05-04-2024	0	41	24	2	58	20	8	212
	06-04-2024	0	41	24	2	48	16	8	214
	07-04-2024	0	42	25	3	33	15	7	214

Agromet Advisory

- Heat wave is going to prevail in the upcoming 1-2days in the district.
- Vegetables nurseries are required to be covered by clothes to avoid seeding mortality.
- Use light irrigation in the vegetables.
- Give lifesaving irrigation to crops.
- Use drip and sprinkler irrigation in commercial crops and fruit orchards.
- Mulching should be done to maintain high moisture status in the soil.
- Provide drinking water to cattle and chickens to mitigate heat stress.

BRINJAL/TOMATO:

- Stage- Maturity/Harvesting
- Seeing the upcoming heat wave condition give the plant lifesaving irrigations in the afternoon or early morning hours.
- Harvest the mature fruits to give the plants less stress of bearings.

Cucurbits-

- Stage- Flowering
- To manage Epilachna Beetle in cucurbits shake plants to dislodge grubs, pupae, and adults in a pail of kerosene mixed water early in the morning or collect them mechanically and destroy.
- Spray neem-based pesticide 1500 PPM @ 3- ml/liter of water at early stage of infestation.

SUN FLOWER -

- Stage- Head borer
- Setting of light traps (1 light trap/5 acre) to know the range of pest incidence as well as to kill moth population.
- To control chemically, spray quinalphos 3m/lit of water or **Profenophos** 2m/lit of water or **Chlorpyrifos** 2.5m/lit of water.

Cattle:

- Provide sufficient drinking water to tolerate heat condition.
- Make arrangement of ventilation at night and blocking of direct scorching sun rays in day time.

Poultry:

- Provide sufficient drinking water to tolerate heat condition.
- Provision for extra space in summer season and frequent turning of litters.

For better agriculture benefits use, OUAT KALINGA products (Seedling, Sampling & QPM, Tissue Culture Plants, Fruits and Vegetables, Value added products, Fingerlings/Yearlings, Poultry chicks, Breeds, Mushroom and Spawns, Bio-fertilizers, Bio-pesticides, Vermi & Vermi Compost).

ASSOCIATE DIRECTOR OF RESEARCH & NODAL OFFICER