



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: 05.04.2024 VALID TILL 08:30 IST OF THE NEXT 5 DAYS

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Week No. 14

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Forecast (up to 10.04.2024)
Given by Met. Center IMD, Bhubaneswar

DISTRICT: KANDHAMAL – As per the IMD forecast, the district is likely to receive light rainfall for three days with mainly clear to overcast sky. The wind is likely to remain within 6-9 km/hr. The maximum temperature and minimum temperature will likely to remain between 37-40°C and 21-24°C respectively. The Maximum and Minimum Relative Humidity will likely to remain between 26-69% and 9-26% 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)
PHULBANI	06-04-2024	0	40	24	2	32	12	8	289
	07-04-2024	0	40	24	4	26	9	8	202
	08-04-2024	15	38	22	7	36	14	7	152
	09-04-2024	15	37	21	8	69	24	9	248
	10-04-2024	4	37	21	4	60	26	6	169

Agromet Advisory

- Heat wave is going to prevail in the upcoming 2 days in the district.
- Anti-transpirants can be sprayed on leaves to reduce transpiration loss.
- Vegetables nurseries are required to be covered by clothes to avoid seeding mortality.
- Use light irrigation in the vegetables for next two days.
- 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.
- Restrict of spraying of chemicals on rainy days.

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.

Poultry:

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

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.

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).

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