



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: 24.04.2024 VALID TILL 08:30 IST OF THE NEXT 5 DAYS

Sri Rahul Kumar Sahu
Jr. Agrometeorologist

Week No. 17

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Forecast (up to 28.04.2024)
Given by Met. Center IMD, Bhubaneswar

DISTRICT: KANDHAMAL – As per the IMD forecast, the district is likely to receive very light rainfall on 24th and 25th of April with mainly clear to generally cloudy sky. The wind is likely to remain within 7-9 km/hr. The maximum temperature and minimum temperature will likely to remain between 38-42°C and 25-26°C respectively. The Maximum and Minimum Relative Humidity will likely to remain between 31-49% and 13-19% 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	24-04-2024	2	38	25	6	44	19	8	270
	25-04-2024	2	39	25	6	44	19	9	206
	26-04-2024	0	40	26	2	49	13	7	216
	27-04-2024	0	41	26	2	37	15	8	248
	28-04-2024	0	42	26	4	31	16	8	283

Agromet Advisory

- Looking at the moisture content of the soil, make provision for mulching.
- Give more irrigation to plants and postpone the nursery transfer process until the heat wave ceases.
- Make provision for drip and sprinkler irrigation in orchards where water is available in less quantity.
- Provide adequate drinking water for cattle to tolerate hot conditions.
- If the roof is made of asbestos, then sprinkle water with straw layer to keep the interior cool.
- Give the chicken or turkey plenty of space and provide fresh drinking water and litter turning.

BRINJAL:

- Pest- fruit borer
- Apply any of the following chemical sprays.

Azadirachtin 1.0% EC (10000 ppm)	3.0 ml/lit.
Azadirachtin 0.03 % WSP (300 ppm)	5.0 g/lit.
Dimethoate 30 % EC	7.0 ml/10 lit.
Emamectin benzoate 5 % SG	4 g/10 lit

- Install pheromone trap@12/ha or spraying of NSKE@5% at 15 days interval.

MANGO:

- To prevent fruit drop in mango at later stage of fruit growth, apply proper irrigation and controlling the pest diseases.
- Hormonal spray of 2,4-D and NAA @20PPM can also help in this.

CHILLI:

- Disease- Die back
- To manage these disease spray Propineb 70 % WP @ 500 gram/acre or Difenoconazole 25 % EC @ 100-ml/acre during the fruit formation stage.

POULTRY:

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

Fishery:

- Seed production in fish and breeding process should be discouraged during heat wave and high temperature period.

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