



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: 26.04.2024 VALID TILL 08:30 IST OF THE NEXT 5 DAYS

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Week No. 17

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Forecast (up to 01.05.2024)
Given by Met. Center IMD, Bhubaneswar

DISTRICT: KANDHAMAL – As per the IMD forecast, the district is likely to receive no rainfall in the coming 5 days with mainly clear sky. The wind is likely to remain within 7-11 km/hr. The maximum temperature and minimum temperature will likely to remain between 40-42°C and 23-24°C respectively. The Maximum and Minimum Relative Humidity will likely to remain between 37-50% and 12-15% 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	27-04-2024	0	40	23	2	50	13	8	210
	28-04-2024	0	41	23	2	38	14	7	225
	29-04-2024	0	42	23	2	37	14	9	279
	30-04-2024	0	41	24	2	48	12	9	214
	01-05-2024	0	41	24	2	38	15	11	214

Agromet Advisory

- According to the forecast of IMD, there would be occurrence of normal to severe heat waves in the district for next 3-4 days.
- Looking at the moisture content of the soil, make provision for mulching.
- Make provision for giving sufficient 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.

MUSHROOM:

- Maintain proper humidity condition in mushroom units and collect spores from authentic places like KVK and spore production units.
- Sterilize the substratum with 5% formalin during bed preparation to avoid white spot disease.

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.

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.

CHILLI:

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

Fishery:

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

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).

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