



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: 28.03.2024 VALID TILL 08:30 IST OF THE NEXT 5 DAYS

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Week No. 13

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Forecast (up to 02.04.2024)
Given by Met. Center IMD, Bhubaneswar

DISTRICT: KANDHAMAL – As per the IMD forecast, the district is likely to receive light rainfall with a partly cloudy sky. The wind is likely to remain within 7-8 km/hr. The maximum temperature and minimum temperature will likely to remain between 36-38°C and 21-22°C respectively. The Maximum and Minimum Relative Humidity will likely to remain between 43-56% and 15-20% 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)
PHULBANI	29-03-2024	0	36	21	1	49	17	7	205
	30-03-2024	0	36	21	2	56	15	7	225
	31-03-2024	3	37	21	3	49	18	8	208
	01-04-2024	4	37	22	3	50	20	8	248
	02-04-2024	4	38	22	3	43	19	8	214

Agromet Advisory

- Use drip and sprinkler irrigation in commercial crops and fruit orchards.
- Transplanting of vegetables should be done in the afternoon hour to avoid high temperature.
- Mulching should be done to maintain high moisture status in the soil.
- Partial shading of the pond with no- deciduous trees also helps in mitigating the impact of high temperature during summer season for fishery.

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-

- Insect- Head borer
- Spray HaNPV 250 LE + Bt @0.5kg/ha for effective control
- Spray HaNPV 250 LE/ha +1 kg Jaggery + 200ml Sandovit (or) Teepal; mixing and spray in the evening hours only
- Spraying of 5% Neem oil or 5% Neem Seed Kernel extract before egg laying

TOMATO:

- Stage- fruiting/Harvesting
- Disease- Late blight
- Spray Cyazofamid 34.5% SC @ 80 ml/ac or Azoxystrobin 23% SC @ 200 ml/ac or Mancozeb 35% SC @ 1000 g/ac or Zineb 75% WP @ 800 g/ac or Azoxystrobin 18.2%+ Difenconazole 11.4% SC @ 200 ml/acre.

GROUNDNUT:

- Stage- vegetative/ flowering initiation
- Disease- Tikka.
- Pick and destroy infected plants and dispose them.
- Tebuconazole (0.1%) or Carbendazim @0.1% can be applied for best control

Fishery:

- Provide sufficient comfortable zone to fish below the surface layer, which gets heated up beyond optimum temperature range (28-32 C) during summers, by maintaining 5-6 feet water depth.
- Provision of partial shading of the pond with no- deciduous trees also helps in mitigating the impact of high temperature.

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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