



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: 16.02.2024 VALID TILL 08:30 IST OF THE NEXT 5 DAYS

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Week No. 07

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Forecast (up to 21.02.2024)
Given by Met. Center IMD, Bhubaneswar

DISTRICT: KANDHAMAL –As per the IMD forecast, the district is likely to dry up to next four days with partly cloudy sky. The wind is likely to remain within 5-8 km/hr. The maximum temperature and minimum temperature will likely to remain between 33-35°C and 15-18°C respectively. The Maximum and Minimum Relative Humidity will likely to remain between 46-59% and 15-22% 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	17-02-2024	0	33	15	2	46	22	5	198
	18-02-2024	0	33	16	0	40	15	6	199
	19-02-2024	0	34	17	1	56	17	6	202
	20-02-2024	0	34	17	2	59	22	6	214
	21-02-2024	0	35	18	3	54	21	8	206

Agromet Advisory

- Farmers those who have already transplanted should apply 35 kg Urea per acre at 3weeks after transplanting at active tillering stage for high yielding paddy varieties.
- To control mango hoppers spray Imidacloprid 17.8% SL @ 5ml/15litre of water or Thiamethoxam 25% W.G@ 3 ml/15litre of water or Acetamiprid 20% S.P. @ 4gram /15litre of water.
- First spray should be done at the time of panicle emergence and second spraytwo weeks after first spray.
- Onion Seedlings of 8-weeks old which are 12-15 cm in height should be planted in the main field.
- To control aphids and thrips in chilli during primary stage of pest infestationspray neem-based pesticide 1500 PPM @ 600-ml/acre by mixing in 200-litreof water.
- In Rice, Zincdeficient soil apply Zinc Sulphate (21%) @ 10 kg/acre at every three years.

MANGO:

- To control mangooppers spray Imidacloprid 17.8% SL @ 5ml/15litre of water or Thiamethoxam 25% W.G @ 3 ml/15litre of water or Acetamiprid 20% S.P. @ 4gram /15litre of water.
- First spray should be done at the time of panicle emergence and second spray two weeks after first spray.

Chilli-

- Stage- vegetative
- To control aphids and thrips in chilli during primary stage of pest infestations spray neem-based pesticide 1500 PPM @ 600-ml/acre by mixing in 200-litre of water.

Rice –

- Stage- transplanting/tillering
- In Zinc deficient soil apply Zinc Sulphate (21%) @ 10 kg/acre at every three years.
- Farmers those who have already transplanted should apply 35 kg Urea per acre at 3 weeks after transplanting at active tillering stage for high yielding paddy varieties.

Brinjal

- During primary stage of whitefly infestations spray neem-based pesticide 1500 PPM @ 600-ml/acre by mixing in 200-liter of water.
- To manage this pest chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Pyriproxyfen 10% EC @ 200-ml/acre or Spiromesifen 22.9% SC @ 250-ml/acre by mixing in 200-liter of water.

TOMATO –

- Stage- early vegetative
- If fruit borer infestation prevails, Spray any one of the insecticides Chlorantraniliprole 18.5% S.C @ 80 ml/acre or Flubendiamide 39.5 % M/M S.C @ 40 ml/acre or Indoxacarb 14.5% S.C. @ 200 ml/acre.
- Use pheromone trap 20 @/acre.

Fisheries:

- In winter there is common white spots are found in fishes called as EUS. These spots later on turned into wounds which led to mortality of fishes.
- To prevent this, apply Aquaneem @ 1lt/ha or CIFAX @ 1lt/ha.

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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