



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: 27.02.2024 VALID TILL 08:30 IST OF THE NEXT 5 DAYS

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Week No. 09

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Forecast (up to 03.03.2024)
Given by Met. Center IMD, Bhubaneswar

DISTRICT: KANDHAMAL –As per the IMD forecast, the Kandhamal district is likely to receive light rainfall on date 28.02.2024 and other days are dry up to next four days with partly cloudy sky. The wind speed is likely to remain within 05-06 km/hr. The maximum temperature and minimum temperature will likely to remain between 33-34°C and 16-17°C respectively. The Maximum and Minimum Relative Humidity will likely to remain between 57-73 % and 17-33 % 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	28-02-2024	4	33	16	6	73	33	5	165
	29-02-2024	0	33	16	2	59	26	5	225
	01-03-2024	0	33	16	1	57	17	6	202
	02-03-2024	0	34	17	1	60	19	6	199
	03-03-2024	0	34	17	4	61	20	6	225

Agromet Advisory

- If infestation of Thrips is noticed in rice nursery, spray Azadirachtin 0.15% neem seed kernel based EC formulation @ 800 ml/acre or Lambda-cyhalothrin 5 % EC @ 200 ml/acre or Thiamethoxam 25 % WG @ 40 g /acre.
- If infestation of seedling blight is noticed in rice nursery, spray Carbendazim @ 400 g/acre or Propiconazole @ 200 g/acre in 200 litre of water.
- 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.
- Apply urea @ 35 kg/acre as top dressing at 20-25 DAT (tillering stage) ☐ If pre-emergence/early-post emergence herbicide was not applied to control weeds than apply post-emergence herbicide Penoxsulum 1.02% + cyhalofop-butyl 5.1% @ 800ml/acre at 15-20 DAT for broad spectrum weed control or manual weeding at 20-25 DAT.

- To manage aphids, and thrips spray Neem Based Pesticide 300 PPM @ 1-litre /acre during primary stage of infestation.
- 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 spray two 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 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 spray two weeks after first spray.

Chilli-

- Stage- flowering
- 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.

Rice -

- Stage- tillering
 - Apply urea @ 35 kg/acre as top dressing at 20-25 DAT (tillering stage) ☐ If pre-emergence/early-post emergence herbicide was not applied to control weeds than apply post-emergence herbicide Penoxsulum 1.02% + cyhalofop-butyl 5.1% @ 800ml/acre at 15-20 DAT for broad spectrum weed control or manual weeding at 20-25 DAT.

Brinjal

- During primary stage ofwhitefly infestationspray neem-based pesticide 1500 PPM @ 600-ml/acreby mixing in 200-literof water.
- To manage this pest chemically spray Thiamethoxam 25 % WG @40-gram/acre or Pyriproxyfen10% EC @ 200-ml/acre or Spiromesifen 22.9%SC @ 250-ml/acre by mixing in 200-liter of water.

TOMATO -

- Stage- early flowering
- 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/haor 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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