



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: 20.02.2024 VALID TILL 08:30 IST OF THE NEXT 5 DAYS

Sri Rahul Kumar Sahu
Jr. Agrometeorologist

Week No. 08

Dt: 20.02.2024
Bulletin No.15

Forecast (up to 25.02.2024)
Given by Met. Center IMD, Bhubaneswar

DISTRICT: KANDHAMAL –As per the IMD forecast, the district is likely to receive light rainfall on date 24.02.2024 & 25.02.2024 with partly cloudy overcast sky. The wind is likely to remain within 05- 09 km/hr. The maximum temperature and minimum temperature will likely to remain between 30-35°C and 16-17°C respectively. The Maximum and Minimum Relative Humidity will likely to remain between 49-85 % and 15-24 % 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	21-02-2024	0	35	16	0	60	18	8	202
	22-02-2024	0	35	16	1	65	17	9	212
	23-02-2024	0	33	16	3	72	24	9	208
	24-02-2024	15	31	17	7	49	19	6	240
	25-02-2024	10	30	17	7	85	15	6	112

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 sprayI midacloprid 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 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 infestations spray neem-based pesticide 1500 PPM @ 600-ml/acre by mixing in 200-litre of water.

Rice –

- Stage- tillering
- In Zinc deficient soil apply Zinc Sulphate (21%) @ 10 kg/acre at every three years.
- Farmers 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-litre 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-litre 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/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).

ASSOCIATE DIRECTOR OF RESEARCH & NODAL OFFICER