



**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: 09.02.2024 VALID TILL 08:30 IST OF THE NEXT 5 DAYS**

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**Jr. Agrometeorologist**

**Week No. 06**

**Dt: 09.02.2024**  
**Bulletin No.12**

**Forecast (up to 14.02.2024)**  
**Given by Met. Center IMD, Bhubaneswar**

**DISTRICT: KANDHAMAL** – As per the IMD forecast, the district is likely to receive light rainfall on 12<sup>th</sup> and 13<sup>th</sup> of February days with clear to overcast sky. The wind is likely to remain within 6-7 km/hr. The maximum temperature and minimum temperature will likely to remain between 26-28°C and 12-15°C respectively. The Maximum and Minimum Relative Humidity will likely to remain between 52-87% and 17-23% respectively for next five days.

<b>DISTRICT</b>	<b>Date</b>	<b>Rainfall (mm)</b>	<b>T-MAX (C)</b>	<b>T-MIN (C)</b>	<b>Cloud Cover</b>	<b>Rh Max (%)</b>	<b>Rh Min (%)</b>	<b>Wind speed (kmph)</b>	<b>Wind Direction (deg)</b>
<b>PHULBANI</b>	10-02-2024	0	26	12	0	87	19	6	135
	11-02-2024	0	28	14	1	80	20	6	158
	12-02-2024	6	27	15	8	63	23	6	200
	13-02-2024	2	27	15	7	52	23	6	161
	14-02-2024	0	28	15	4	55	17	7	161

**Agromet Advisory**

- 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.
- To control aphids and thrips in chilli during primary stage of pest infestation spray neem-based pesticide 1500 PPM @ 600-ml/acre by mixing in 200-litre of water.
- In Rice, Zinc deficient 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- vegetative
- To control aphids and thrips in chilli during primary stage of pest infestation 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.

### **Brinjal**

- During primary stage of whitefly infestation 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).**

**ASSOCIATE DIRECTOR OF RESEARCH & NODAL OFFICER**