



**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: 23.02.2024 VALID TILL 08:30 IST OF THE NEXT 5 DAYS**

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**Week No. 08**

**Dt: 23.02.2024**  
**Bulletin No.16**

**Forecast (up to 28.02.2024)**  
**Given by Met. Center IMD, Bhubaneswar**

**DISTRICT: KANDHAMAL** –As per the IMD forecast, the Kandhamal district is likely to receive light rainfall on date 24.02.2024, 25.02.2024 & 26.02.2024 with overcast sky. The wind is likely to remain within 06- 08 km/hr. The maximum temperature and minimum temperature will likely to remain between 31-33°C and 16-17°C respectively. The Maximum and Minimum Relative Humidity will likely to remain between 64-91 % and 22-37 % respectively for next four 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>	24-02-2024	1	32	16	4	71	22	6	146
	25-02-2024	5	31	16	8	91	27	8	161
	26-02-2024	4	31	17	8	89	37	8	153
	27-02-2024	0	33	17	2	80	30	8	148
	28-02-2024	0	33	17	2	64	26	6	195

**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 manage aphids, and thrips spray Neem Based Pesticide 300 PPM @ 1-litre /acre during primary stage of infestation.
- 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 spraytwo 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
- In Zincdeficient soil apply Zinc Sulphate (21%) @ 10 kg/acre at every three years.
- Farmers should apply 35 kg Urea per acre at 3weeks after transplanting at active tillering stage for high yielding paddy varieties.

### **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).**

ASSOCIATE DIRECTOR OF RESEARCH & NODAL OFFICER