



**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: 09.01.2024 VALID TILL 08:30 IST OF THE NEXT 5 DAYS**

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**Week No. 02**

**Dt: 09.01.2024**  
**Bulletin No.03**

**Forecast (up to 14.01.2024)**  
**Given by Met. Center IMD, Bhubaneswar**

**DISTRICT: KANDHAMAL** – As per the IMD forecast, the district is likely to receive no rainfall in next five days with a clear to mainly clear sky. The wind is likely to remain within 5 -6 km/hr. The maximum temperature and minimum temperature will likely to remain between 26-29°C and 09-11°C respectively. The Maximum Relative Humidity and Minimum Relative Humidity will likely to remain between 32-69% and 15-29% 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>	10-01-2024	0	28	11	2	67	25	5	124
	11-01-2024	0	29	11	2	63	26	5	225
	12-01-2024	0	27	10	0	69	29	5	153
	13-01-2024	0	26	9	0	56	26	6	292
	14-01-2024	0	26	9	0	32	15	6	202

**Agromet Advisory**

- Use neem oil, neem pedia, neem seed kernel in 20-25 days interval@100ml/15 liter of water to protect the vegetable, flowering crops from a various group of diseases and pests.
- Use varieties such as Lalat, Swarna Samrudhi, Kalinga Dhan, Mandakini, Manaswini.
- Sow pre-germinated treated paddy seeds in puddled soil either by broadcasting or by using drum seeder.
- Maintain only a thin film of water for proper establishment and early growth of Rice seedlings.
- During cool winter days to protect the rice nursery from cold injury.
- To make warm environment use a greater number of light bulbs to protect the chicks in winter.
- Increase the feeding time for chicks and provide clean water
- If chicks are congregated at one place, then provision for more warmth.
- Close the open spaces in night and early morning to protect them winter

### **RICE:**

- Stage- nursery
- Use varieties such as Lalat, Swarna Samrudhi, Kalinga Dhan, Mandakini, Manaswini.
- Sow pre-germinated treated paddy seeds in puddled soil either by broadcasting or by using drum seeder.
- Maintain only a thin film of water for proper establishment and early growth of Rice seedlings.
- During cool winter days to protect the rice nursery from cold injury.
- Apply a thin layer of well decomposed FYM after sowing of seeds in wet bed to keep the bed relatively warm.

### **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.

### **ARIHAR:**

- Stage- pod maturation
- To control Plume Moth infestation, apply the followings.
- Use bird perches @50/hacter
- Use Azadirachtin 0.03% WSP 2500-5000 g/ha or Dimethoate 30 EC 1237 g/ha or Emamectin Benzoate 5% SG 220 g/ha or use NSKE 5% twice after.

### **CABBAGE –**

- To control diamond back moth in cabbage, install 6-8 light traps per acre.
- During primary stage of pest infestation spray neem-based pesticide @ 1-litre/acre by mixing in 200-litre of water.
- If infestation prevails, spray Tolfenpyrad 15 % EC @ 400-ml/acre or Emamectin Benzoate 5 % SG @ 80-gram/acre by mixing in 200-litre of water.

### **POULTRY:**

- To make warm environment use a greater number of light bulbs to protect the chicks in winter.
- Increase the feeding time for chicks and provide clean water
- If chicks are congregated at one place, then provision for more warmth.
- Close the open spaces in night and early morning to protect them winter.
- If any disease arises, isolate the affected one and vaccinate the others.

**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**