



**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: 06.02.2024 VALID TILL 08:30 IST OF THE NEXT 5 DAYS**

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**Week No. 06**

**Dt: 06.02.2024  
Bulletin No.11**

**Forecast (up to 11.02.2024)  
Given by Met. Center IMD, Bhubaneswar**

**DISTRICT: KANDHAMAL** – As per the IMD forecast, the district is likely to receive no rainfall in upcoming 5 days with mainly clear to partly cloudy sky. The wind is likely to remain unchanged. The maximum temperature and minimum temperature will likely to remain between 27-33°C and 11-14°C respectively. The Maximum and Minimum Relative Humidity will likely to remain between 51-94% and 18-23% 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	07-02-2024	0	33	14	0	51	23	6	281
	08-02-2024	0	32	13	0	69	21	6	288
	09-02-2024	0	31	11	0	65	22	6	112
	10-02-2024	0	29	11	1	94	18	6	153
	11-02-2024	0	27	13	4	53	21	6	124

**Agromet Advisory**

- The sky will remain clear for the next five days and temperature will be increased with respect to the previous week.
- Farmers are advised to harvesting of the matured crops and after that they can Sun-dry the harvested crops.
- Raw turmeric is processed after 2-3 days after harvesting.
- Store the fingers under the shade or covered in saw/coir dust.
- Maize, wheat and concentrate oil cakes @ 3 kg to the large animals such as Buffalo and cattle feeding helps in maintaining the body heat.
- 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.

### **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.

### **TURMERIC:**

- Stage- harvesting
- Raw turmeric is processed after 2-3 days after harvesting.
- Store the fingers under the shade or covered in saw/coir dust.

### **Green gram:**

- Stage- vegetative
- To control powdery mildew disease in Green-gram crop spray Sulphur 80% WP @800-gram/acre or Hexaconazole 5% E.C @ 300 ml/acre.

### **Rice –**

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

### **GARDEN PEA:**

- Stage- pod maturation
- Provide lifesaving irrigation to the developing plants otherwise plant will dry up and yellowed.
- If Pod borer infestation is seen, then apply the following.
- Spray Azadirachtin 0.03% (300ppm) thrice at fortnightly intervals.

### **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.

### **MARIGOLD –**

- Stage- flowering/maturation
- In cloudy weather event, there is a chance of occurrence of powdery mildew in marigold.
- To control this, apply Sulfex @3gm/liter of water after rain fall stops.

### **POULTRY:**

- If chicks are congregated at one place, then provision for more warmth should be done.
- 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.

### **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.

### **CATTLE:**

- High amount of food is required in winter for cattle to maintain the metabolic activities and milk production.
- Maize, wheat and concentrate oil cakes @ 3 kg to the large animals such as Buffalo and cattle feeding helps in maintaining the body heat.

**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**