



**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: 30.01.2024 VALID TILL 08:30 IST OF THE NEXT 5 DAYS**

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**Jr. Agrometeorologist**

**Week No. 05**

**Dt: 30.01.2024**  
**Bulletin No.09**

**Forecast (up to 04.02.2024)**  
**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 within 5-7 km/hr. The maximum temperature and minimum temperature will likely to remain between 23-25°C and 10-11°C respectively. The Maximum and Minimum Relative Humidity will likely to remain between 35-78% and 18-26% 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>	31-01-2024	0	25	10	2	69	20	6	202
	01-02-2024	0	25	11	2	68	23	6	202
	02-02-2024	0	23	10	4	78	26	7	202
	03-02-2024	0	23	10	0	52	26	7	285
	04-02-2024	0	25	11	0	35	18	5	161

**Agromet Advisory**

- Raw turmeric is processed after 2-3 days after harvesting.
- Store the fingers under the shade or covered in saw/coir dust.
- To control powdery mildew in marigold, apply Sulfex @3gm/liter of water after rain fall stops.
- Provide lifesaving irrigation to pea as the developing plants otherwise will dry up and yellowed.
- In mustard, spray Neem based pesticide 1500 PPM @ 600-ml/acre by mixing in 200-litre of water.
- If the infestation is severe then, spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50 gram/acre in 200-liter of water.
- Maize, wheat and concentrate oil cakes @ 3 kg to the large animals such as Buffalo and cattle feeding helps in maintaining the body heat.

### **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.

### **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.

### **MARIGOLD –**

- Stage- flowering
- 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.

### **MUSTARD –**

- To control Aphids in mustard, follow the procedures.
- Spray Neem based pesticide 1500 PPM @ 600-ml/acre by mixing in 200-litre of water. If the infestation is severe then, spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 %SP @ 50 gram/acre in 200-liter of water.

### **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**