



**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: 12.12.2023 VALID TILL 08:30 IST OF THE NEXT 5 DAYS**

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**Week No. 50**

**Dt: 12.12.2023**  
**Bulletin No.99**

**Forecast (up to 17.12.2023)**  
**Given by Met. Center IMD, Bhubaneswar**

**DISTRICT: KANDHAMAL** – As per the IMD forecast So due to its effect the district is likely to receive no rainfall in next five days with clear to partly cloudy sky. The wind is likely to remain within 4-5 km/hr. The maximum temperature and minimum temperature will likely to remain between 24-25°C and 9-10°C respectively. The Maximum Relative Humidity and Minimum Relative Humidity will likely to remain between 54-82% and 23-32% 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>	13-12-2023	0	25	10	3	73	32	5	240
	14-12-2023	0	25	10	3	67	30	5	161
	15-12-2023	0	25	10	2	82	29	4	135
	16-12-2023	0	24	9	0	65	31	5	162
	17-12-2023	0	24	9	0	54	23	5	155

**Agromet Advisory**

- Use varieties like PUSA PALANG, ALL GREEN, PUSA JYOTI, KOMAL etc. in Palak.
- Use less urea at initial stage, otherwise the leaves will break by hardening.
- Farmers can take up sowing and transplanting in Rabi crops.
- Apply irrigation once in a week in Garden Pea after sowing completed.
- In mustard aphid infestation both nymphs and adults suck saps from leaves, buds and pods.
- Spray the crop with Dimethoate @625-1000ml/ha at the flowering stage.

### **RICE:**

- Store the harvested rice safe place away from rats
- Make provision for shutting the rat holes and disinfect the store house to control the insects
- Sun-dry the harvested rice until 14% moisture of grain and store in gunny bags.

### **Palak leafy vegetables:**

- Use varieties like PUSA PALANG, ALL GREEN, PUSA JYOTI, KOMAL etc.
- 10-20 kg seed is required for acre of cultivation.
- Use less urea at initial stage, otherwise the leaves will break by hardening.
- Make arrangement for staking after plant emerges.

### **MUSTARD**

- In mustard aphid infestation both nymphs and adults suck saps from leaves, buds and pods.
- Plants remain stunted and the insects secret honey dew which attracts ants.
- Spray the crop with Dimethoate @625-1000ml/ha at the flowering stage.
- Bird perches may be erected for natural predation.



Mustard aphid



Dimethoate

### **Maize:**

- Gap filling can also be done where germination is prevented or early seedling is rotten due to standing rain water.
- Make top dressing with urea after 15 days of crop along with gap filling.

### **Cabbage:**

- For the late sown cabbage, spray NSKE 5% after primordial stage to diamond back moth.
- Or spray Cartap Hydrochloride 1gm/lit at primordial stage.

### **Garden pea**

- Garden pea is sown in October-November month so the crop is in germination stage.
- Apply irrigation in once in a week.
- Weeding should be done 15days after sowing.
- Staking should be done after 30 days of sowing.

**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).**

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