



**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: 16.04.2024 VALID TILL 08:30 IST OF THE NEXT 5 DAYS**

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**Jr. Agrometeorologist**

**Week No. 16**

**Dt: 19.04.2024**  
**Bulletin No.32**

**Forecast (up to 24.04.2024)**  
**Given by Met. Center IMD, Bhubaneswar**

**DISTRICT: KANDHAMAL** – As per the IMD forecast, the district is likely to receive light rainfall on 22, 23, 24<sup>th</sup> of April with clear to partly to generally cloudy sky. The wind is likely to remain within 7-9 km/hr. The maximum temperature and minimum temperature will likely to remain between 37-42°C and 20-22°C respectively. The Maximum and Minimum Relative Humidity will likely to remain between 49-68% and 09-20% 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>	20-04-2024	0	42	22	0	68	9	8	210
	21-04-2024	0	41	22	3	58	13	7	202
	22-04-2024	5	39	21	7	49	13	9	252
	23-04-2024	10	37	20	7	52	17	8	210
	24-04-2024	4	38	21	5	55	20	7	169

**Agromet Advisory**

- The sky will remain clear for the next 2 days, so farmers are advised to apply chemical or other sprays during this time.
- After this, after 3 days of rain, stop irrigation for a short period of time and make arrangements to collect water.
- In heavy rain, water flies from the bill and the tree sways, so raise the hood and arrange for a rainwater catchment.
- Farmers are advised to conserve water in their fields by making higher bonds.
- Provide adequate drinking water for cattle to tolerate hot conditions.
- If the roof is made of asbestos, then sprinkle water with straw layer to keep the interior cool.
- Give the chicken or turkey plenty of space and provide fresh drinking water and litter turning.

### **CHILLI:**

- Disease- Die back
- To manage these disease spray Propineb 70 % WP @ 500 gram/acre or Difenconazole 25 % EC @ 100-ml/acre during the fruit formation stage.

### **SUNFLOWER-**

- Stage- Seed setting.
- For good seed filling, apply 2-3 g of Borax/liter of water.
- If fruit borer attacks, then go for spraying Bioinsecticide NPV @ 250 LE mixed in 200 Liters of water

### **BRINJAL:**

- Disease- Little leaf
- To manage the disease, remove and destroy the infected plant.
- Spray Thiamethoxam 25 % WG @ 40 g/acre or Flonicamid 50% WG @ 60 g/acre or Dinotefuran 20 % SG @ 80 g/acre to control the vector.

### **MANGO:**

- Disease-Anthracoze
- Carbendazim 50WP@ 1.0g/l or Chlorothalonil 75WP@ 2.0g/l can be sprayed to control this disease.

### **RICE:**

- Blast-disease.
- To manage this disease spray Hexaconazole 5% SC @ 400-ml/acre or Azoxystrobin 18.2% + Difenconazole 11.4 % S.C@ 200-ml/acre.

### **POULTRY:**

- Provide sufficient drinking water to tolerate heat condition.
- Provision for extra space in summer season and frequent turning of litters.

### **CATTLE:**

- Provide sufficient drinking water to tolerate heat condition in cattle to maintain their BMI.
- Provide proper ventilation space with fresh air and do not let cattle roam around in 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**