



**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: 16.04.2024**  
**Bulletin No.31**

**Forecast (up to 21.04.2024)**  
**Given by Met. Center IMD, Bhubaneswar**

**DISTRICT: KANDHAMAL** – As per the IMD forecast, the district is likely to receive very light rainfall on 21<sup>st</sup> of April with clear to partly cloudy sky. The wind is likely to remain within 7-8 km/hr. The maximum temperature and minimum temperature will likely to remain between 40-42°C and 22-25°C respectively. The Maximum and Minimum Relative Humidity will likely to remain between 41-65% and 11-17% 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>	17-04-2024	0	40	22	1	41	17	7	206
	18-04-2024	0	40	23	0	54	15	7	199
	19-04-2024	0	41	25	0	57	11	7	202
	20-04-2024	0	42	25	0	65	11	7	198
	21-04-2024	2	41	24	3	55	13	8	207

**Agromet Advisory**

- Seeing the upcoming heat waves predicted by IMD, farmers are advised to preserve water in their field.
- Provide lifesaving irrigation to crops at critical stages.
- Make the bunds wide and with more height to conserve rain water to mitigate summer condition.
- Provide sufficient drinking water to cattle and poultry birds to tolerate heat condition.

### **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.

### **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

### **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.

### **MANGO:**

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

### **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**