



**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: 15.03.2024 VALID TILL 08:30 IST OF THE NEXT 5 DAYS**

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**Week No. 11**

**Dt: 15.03.2024**  
**Bulletin No.22**

**Forecast (up to 20.03.2024)**  
**Given by Met. Center IMD, Bhubaneswar**

**DISTRICT: RAYAGADA** – As per the IMD forecast, the district is likely to receive light to moderate rainfall with partly to overcast sky. The wind is likely to remain within 6-8 km/hr. The maximum temperature and minimum temperature will likely to remain between 30-36°C and 21-25°C respectively. The Maximum and Minimum Relative Humidity will likely to remain between 63-82% and 11-40% 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)
RAYAGADA	16-03-2024	2	36	24	4	63	11	7	161
	17-03-2024	10	36	24	6	82	25	6	161
	18-03-2024	5	36	23	4	76	28	6	154
	19-03-2024	15	35	25	6	75	40	6	162
	20-03-2024	20	30	21	8	79	25	8	195

**Agromet Advisory**

- There expected a moderate rain fall in coming days which will impact various crops
- Make provision in crop fields like summer vegetables and field crops to drain out excess of rain water after the rain fall event.
- Chances of occurring diseases and pests after rain fall, to prevent this be prepared to apply counter measures in the form of chemical spraying and cultural practices.
- Farmers are advised to postpone spraying of chemicals in the rainy days.
- Make provision in chicken farms to protect them from rain water and provide them with fresh drinking water.

### **SUN FLOWER –**

- Stage- flowering
- Avoid spraying fungicide during rainfall period and resume after rain fall.
- Alternaria Blight disease occurs by development of dark brown black circular to oval spots in leaves, causes severe yield reduction.
- To control the disease, foliar spray of Mancozeb@ 0.3% four times at an interval of 10 days

### **BRINJAL:**

- Stage- Late vegetative/ flowering
- Make provision to drain out excess of rain water from the field.
- Spray neem-based pesticide 1500 PPM @ 600-ml/acre by mixing in 200-litre of water to control fruit and shoot borer.

### **GROUNDNUT:**

- To control Tikka disease in Ground nut, spray Chlorothalonil 75% @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre.

### **MANGO –**

- Stage- flowering/Fruit initiation
- Spray NAA 20 ppm (Planofix @ 0.4 ml/l) at pea stage and at marble stage of mango to manage fruit drop.

### **Green Gram –**

- Disease- Anthracnose
- To control anthracnose in Black Gram, integrated disease management is required.
- Removal and destruction of the plant debris, and spray any one of the following chemicals: Mancozeb 72WP@ 1000g/ha or Tebuconazole 25.9% EC @500 ml/ha or Carbendazim 50% WP@ 500gm/ha.

### **Cattle:**

- Keep the cattle inside the shed during rain fall period.
- Provide fresh drinking water to cattle in regular interval in summer season.
- Maintain the cattle shed well-ventilated with fresh air.

**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**