



**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: 01.03.2024 VALID TILL 08:30 IST OF THE NEXT 5 DAYS**

**Sri Rahul Kumar Sahu**  
**Jr. Agrometeorologist**

**Week No. 09**

**Dt: 01.03.2024**  
**Bulletin No.18**

**Forecast (up to 06.03.2024)**  
**Given by Met. Center IMD, Bhubaneswar**

**DISTRICT: KANDHAMAL** –As per the IMD forecast, the Kandhamal district is likely to dry up to next five days with partly cloudy sky. The wind speed is likely to remain within 05-07 km/hr. The maximum temperature and minimum temperature will likely to remain between 31-32°C and 15-16°C respectively. The Maximum and Minimum Relative Humidity will likely to remain between 46-62 % and 14-25 % 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>	02-03-2024	0	32	15	0	62	14	7	180
	03-03-2024	0	32	15	2	59	16	6	234
	04-03-2024	0	32	16	3	54	22	5	169
	05-03-2024	0	31	16	2	55	25	7	158
	06-03-2024	0	31	16	3	46	21	6	202

**Agromet Advisory**

- If infestation of Thrips is noticed in rice nursery, spray Azadirachtin 0.15% neem seed kernel based EC formulation @ 800 ml/acre or Lambda-cyhalothrin 5 % EC @ 200 ml/acre or Thiamethoxam 25 % WG @ 40 g /acre.
- If infestation of seedling blight is noticed in rice nursery, spray Carbendazim @ 400 g/acre or Propiconazole @ 200 g/acre in 200 litre of water.
- Farmers those who have already transplanted should apply 35 kg Urea per acre at 3weeks after transplanting at active tillering stage for high yielding paddy varieties.
- Apply urea @ 35 kg/acre as top dressing at 20-25 DAT (tillering stage) ☐ If pre-emergence/early-post emergence herbicide was not applied to control weeds than apply post-emergence herbicide Penoxsulum 1.02% + cyhalofop-butyl 5.1% @ 800ml/acre at 15-20 DAT for broad spectrum weed control or manual weeding at 20-25 DAT.
- To manage aphids, and thrips spray Neem Based Pesticide 300 PPM @ 1-litre /acre during primary stage of infestation.

- To control mango hoppers spray Imidacloprid 17.8% SL @ 5ml/15litre of water or Thiamethoxam 25% W.G @ 3 ml/15litre of water or Acetamiprid 20% S.P. @ 4gram /15litre of water.
- First spray should be done at the time of panicle emergence and second spray two weeks after first spray.
- Onion Seedlings of 8-weeks old which are 12-15 cm in height should be planted in the main field.
- To control aphids and thrips in chilli during primary stage of pest infestations spray neem-based pesticide 1500 PPM @ 600-ml/acre by mixing in 200-litre of water.
- In Rice, Zinc deficient soil apply Zinc Sulphate (21%) @ 10 kg/acre at every three years.

### **MANGO:**

- To control mango hoppers spray Imidacloprid 17.8% SL @ 5ml/15litre of water or Thiamethoxam 25% W.G @ 3 ml/15litre of water or Acetamiprid 20% S.P. @ 4gram /15litre of water.
- First spray should be done at the time of panicle emergence and second spray two weeks after first spray.

### **Chilli-**

- Stage- flowering
- To control aphids and thrips in chilli during primary stage of pest infestations spray neem-based pesticide 1500 PPM @ 600-ml/acre by mixing in 200-litre of water.

### **Rice –**

- Stage- tillering
  - Apply urea @ 35 kg/acre as top dressing at 20-25 DAT (tillering stage) ☐ If pre-emergence/early-post emergence herbicide was not applied to control weeds than apply post-emergence herbicide Penoxsulum 1.02% + cyhalofop-butyl 5.1% @ 800ml/acre at 15-20 DAT for broad spectrum weed control or manual weeding at 20-25 DAT.

### **Brinjal**

- During primary stage of whitefly infestations spray neem-based pesticide 1500 PPM @ 600-ml/acre by mixing in 200-liter of water.
- To manage this pest chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Pyriproxyfen 10% EC @ 200-ml/acre or Spiromesifen 22.9% SC @ 250-ml/acre by mixing in 200-liter of water.

### **TOMATO –**

- Stage- early flowering
- If fruit borer infestation prevails, Spray any one of the insecticides Chlorantraniliprole 18.5% S.C @ 80 ml/acre or Flubendiamide 39.5 % M/M S.C @ 40 ml/acre or Indoxacarb 14.5% S.C. @ 200 ml/acre.
- Use pheromone trap 20 @/acre.

### **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).**

**ASSOCIATE DIRECTOR OF RESEARCH & NODAL OFFICER**