



# Gramin Krishi Mausam Sewa

## India Meteorological Department

### Odisha University of Agriculture and Technology

#### Bhubaneswar -751 003

**Dr.T.R Mohanty**  
Nodal Officer

**Week No.12**

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**District – Puri (East and South-Eastern Coastal Plain Agroclimatic Zone)**

The mean maximum daily temperature was 29.7°C and mean minimum daily temperature was 23.6°C of the Puri district during the last week. The district received 18.3 mm rainfall during the last seven days. Transplanting of summer paddy is almost completed. Sowing of summer pulses, oilseed and vegetables are also under progress. Harvesting of rabi crops like Mustard, Groundnut, Mung, Biri and Kulthi are nearly completed. Crop coverage till date is 98 % of the total programme area. Overall crop condition is Normal.

**Forecast (Up to 27.03.2024)**  
**Given by Met. Centre, IMD, Bhubaneswar**

**DISTRICT: PURI** – As per the forecast received from IMD, dry weather may prevail over the district of Puri for the next five days. The sky condition may remain clear to partly cloudy for the next five days. In the next 5 days, the wind speed will remain within 24 -29 km/h. The daily maximum and minimum temperature are likely to remain 32-34°C and 26-27°C respectively for next five days.

DISTRICT	PURI				
Date	23/03/2024	24/03/2024	25/03/2024	26/03/2024	27/03/2024
Rainfall (mm)	0	0	0	0	0
T-MAX (C )	33	33	33	32	34
T-MIN (C )	26	26	27	27	27
Cloud Cover	0	0	2	4	0
Rh Max (%)	83	80	81	79	75
Rh Min (%)	60	62	64	63	60
Wind speed (kmph)	24	29	28	28	28
Wind Direction (deg)	207	202	202	202	202

**For further information, contact the Met. Centre, Aerodrom Area, IMD, Bhubaneswar, Tel. # 0674-2596116.**

#### **Agromet Advisory**

- ❖ Farmers are advised to make bund for conserving rain water in the paddy field. Bund should be higher and wider so that more rain water can be conserved in the field.
- ❖ Drain out excess water from vegetable nursery and non paddy field by keeping drain ends open.
- ❖ Complete the sowing of summer vegetables like cucurbits after the subsequent week to utilize the soil moisture effectively.
- ❖ There are chances of incidence of both fungal and bacterial diseases like leaf blight, wilt, and rot in different standing crops. To manage these diseases, spray Metalaxyl+ Mancozeb @ 2g/litre of water or Carbendazim+ Mancozeb @ 2gr/litre of water along with Plantomycin @ 1g/ litre of water.
- ❖ If bacterial Leaf blight disease incidence seen then drain out water from the paddy field. Remove the weeds and keep the field clean. Avoid excess use of “Nitrogenous” Fertilizer. Apply MOP @ 6-8kg/acre. Spray Copper Hydroxide 53.8% DF @ 600g/acre or 200g Plantomycin along with CopperOxy Chloride 50% WP @ 600g/acre.

#### **PADDY (Summer): Swarming Caterpillar**

After receding of rain water there is a chance of infestation of Swarming Caterpillar. To control this spray Chlorpyrifos 50 % + Cypermethrin 5 % EC @ 400 ml/acre or Lambda-cyhalothrin @ 400 ml/acre.

#### **BLACK GRAM & GREEN GRAM: Powdery mildew**

To control powdery mildew disease in Blackgram and Greengram crop spray Hexaconazole 5% E.C @ 300 ml/acre or Propiconazole 25% EC @ 200 ml/acre or Penconazole 10% EC @ 100 ml/acre by mixing in 200 litre of water.

#### **GROUNDNUT: Tobacco caterpillar**

There is a chance of Tobacco caterpillar in Grountnut. To control this spray Profenophos 50% EC @ 400 ml/acre or Flubendiamide 480 SC @ 40 ml/acre with 200 litre of water.

**Tikka disease** - For control Tikka diseases spray Chlorothalonil 75% WP @ 400 g/ acre or Mancozeb 75% WP @ 600 g/acre or Hexaconazole 5% E.C @ 300 ml/acre.

#### **TOMATO AND BRINJAL: Wilting**

After rainfall there are chances of wilt disease in brinjal and Tomato crop. To manage wilt disease in brinjal and chilli first uproot affected plants and destroy it away from the field. Drench the root zone of the plant with 200-ml of Tebuconazole mixed with 20-gram of Streptocycline per acre. Use 200-litre of water per acre for spraying.

#### **CUCURBITS: Downy mildew disease**

After cessation of rain, downy mildew disease will appear in cucurbits. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g /litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.

#### **BANANA: Sigatoka Leafspot management**

To manage the disease chemically spray carbendazim @10gram/10 litre of water or chlorothalonil @30gm/10 litre of water for two to three times in one month interval.

#### **MANGO: Mango hopper**

To control mango hoppers spray Imidacloprid 17.8% SL @ 5 ml/15 litre of water or Thiamethoxam 25% W.G @ 3ml/15litre of water or Acetamiprid 20% S.P. @ 4g /15litre of water. Application of smoke below the plants can also help in reducing the pest population.

#### **PRINCIPAL NODAL OFFICER**

For better agricultural benefits use, **OUAT KALINGA** products (Seedlings, Saplings & QPM, Tissue Culture Plants, Fruits & Vegetables, Value Added Products, Fingerlings/ Yearlings, Poultry chicks, Breeds, Mushroom & Spawn, Bio-Fertilizer, Bio-Pesticides, Vermi & VermiCompost and Farm Implements).

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