



# Gramin Krishi Mausam Sewa

## India Meteorological Department

### Odisha University of Agriculture and Technology

#### Bhubaneswar -751 003

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

**Week No.49**

No. – 2062 (Eng. Bulletin)  
Dt. -05.12.2023

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

The mean maximum daily temperature was 30.14°C and mean minimum daily temperature was 21.71°C of the Puri district during the last week. The district received 1.7 mm rainfall during the last seven days. Harvesting of medium duration paddy is nearly completed. Harvesting of long duration paddy is continuing. Raising of Nursery bed for summer paddy is under progress. The Arhar crop is in flowering to pod formation stage. Picking of cotton crop is in progress and about 20% of the crop has been harvested. Harvesting of Sugarcane has started. Sowing of Rabi crops like Maize, Wheat, Pulses, Oilseeds, Vegetables and Spices are under process. Rainfall up to the end of this week is deficient. Overall crop condition is Normal.

**Forecast (Up to 10.12.2023)**

**Given by Met. Centre, IMD, Bhubaneswar**

**DISTRICT: PURI** – As per IMD forecast, for the next five days the district is most likely to receive light rainfall followed by dry weather on Sunday with partly cloudy to generally cloudy sky. In the next 5 days, the wind speed is likely to remain within 11-26 km/h. The maximum temperature and minimum temperature will likely to remain between 28-31°C and 20-22°C respectively for the next five days.

DISTRICT	PURI				
Date	06/12/2023	07/12/2023	08/12/2023	09/12/2023	10/12/2023
Rainfall (mm)	15	8	5	4	0
T-MAX (C )	29	28	29	31	31
T-MIN (C )	22	22	21	20	20
Cloud Cover	6	6	5	4	3
Rh Max (%)	88	90	90	86	76
Rh Min (%)	72	83	80	72	63
Wind speed (kmph)	22	26	20	15	11
Wind Direction (deg)	27	32	45	58	105

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

**Agromet Advisory**

- ❖ In view of probable rain harvest the paddy if 80 - 85% grains are matured in a panicle.
- ❖ Keep the harvested products in safe place.
- ❖ If threshing is not possible then cover the harvested paddy with polythene to keep it safe from rain.
- ❖ Make provision for draining out rain water in standing rice crop by making alleys (Pahi) and keep the drain ends open.
- ❖ Do not leave harvested paddy in field. After receding of rain water tie the panicles of paddy in bundles and keep straight.
- ❖ Drain out excess water in all non-paddy crops like pulses, oilseeds, vegetables, plantation crops, etc.
- ❖ There are chances of wilt and root rot disease incidence in vegetable crops after the rain. To manage wilt disease in vegetable crops, drench the root zone with a solution of 1.5-gram Streptocycline and 20-gram Metalaxyl 8% + Mancozeb 64 % WP mixed in 10 litres of water.
- ❖ Withhold spraying of pesticides and irrigation for the time being.
- ❖ Cover the vegetable nursery with polythene sheet to save it from rain.
- ❖ Delay sowing of Rabi crops like Maize, Wheat, Pulses, Oil seeds, Vegetables and spices.
- ❖ In winter during cold hours farmers should keep doors, windows and open spaces in cow sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

Crop	Stage	Likely Impact on Crop	Advisory
Rice	Maturity to Harvesting	<ul style="list-style-type: none"> <li>• Lodging due to heavy rain</li> <li>• Stagnation of water</li> <li>• Viviparous germination</li> <li>• Infestation of Ear Head caterpillar after receding of rain</li> </ul>	<ul style="list-style-type: none"> <li>• If threshing is not possible then cover the harvested paddy with polythene to keep it safe from rain.</li> <li>• After receding of rain water there is chance of infestation of Ear Head Caterpillar. To manage spray Chlorpyrifos 50 % + Cypermethrin 5 % EC @ 400-ml/acre or Lambda-cyhalothrin @ 400-ml/acre. As the pest is nocturnal in behavior spraying of pesticide should be done in the evening hours for better result.</li> </ul>
Black Gram	Maturity	<ul style="list-style-type: none"> <li>• Crop damage</li> </ul>	<ul style="list-style-type: none"> <li>• Make provision for draining out rain water in standing crop.</li> </ul>
Groundnut/ Green Gram	Early Vegetative/ Sowing	<ul style="list-style-type: none"> <li>• Crop damage due to stagnation of water</li> </ul>	<ul style="list-style-type: none"> <li>• Withheld sowing for the time being and make provision for draining out rain water.</li> </ul>
Sugarcane	Harvesting	<ul style="list-style-type: none"> <li>• Lodging due to heavy rain</li> <li>• Possible Rooting</li> </ul>	<ul style="list-style-type: none"> <li>• Tie sugarcane leaves from four to five plants together to prevent lodging and provide staking.</li> </ul>
Vegetables	Sowing to Harvesting	<ul style="list-style-type: none"> <li>• Damage to nursery</li> <li>• Rotting &amp; Wilting of plants due to stagnation of water</li> <li>• Tobacco Caterpillar Infestation</li> </ul>	<ul style="list-style-type: none"> <li>• To manage wilt disease in vegetable crops, drench the root zone with a solution of 1.5-gram Streptocycline and 20-gram Metalaxyl 8% + Mancozeb 64 % WP mixed in 10 litres of water.</li> <li>• To prevent Tobacco Caterpillar Infestation in Tomato and Cole crops after rain spray Emamectin Benzoate @ 80-ml/acre or Lambda Cyhalothrin 4.9 CS @ 300 ml. For spraying of insecticides 200 litre of water per acre is required.</li> </ul>

**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).

IMD Weather forecast and Agro-meteorological advisory of Odisha location is now available on Meghdoot mobile app in English and Odia language.

Download: (Android: <https://play.google.com/store/apps/details?id=com.aas.meghdoot>) (iOS: <https://apps.apple.com/in/app/meghdoot/id1474048155>)

E-mail: [aas\\_ouat@yahoo.com](mailto:aas_ouat@yahoo.com), WhatsApp: +91 76569 09765, Web Portal: <https://ouat.nic.in/agro-advisory-service>