



Department of Agriculture

**PHILIPPINE COCONUT AUTHORITY
ZAMBOANGA RESEARCH CENTER
NON-FOOD PRODUCTS DEVELOPMENT DIVISION**

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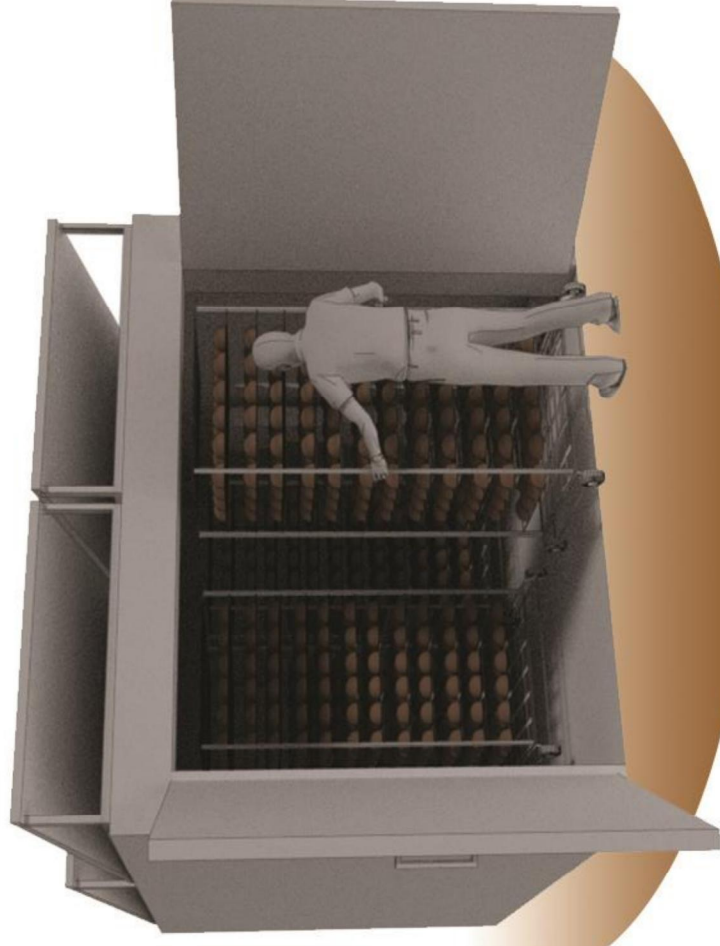
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REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE

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SOLAR-POWERED COPRA DRYER





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Copras are essential for producing coconut oil. The “*tapahan*” method is the traditional and most common way of copra drying today; however this equipment can contribute to air pollution since it uses biomass as a fuel. Thus, the Philippine Coconut Authority - Zamboanga Research Center hereby introduces a Solar-Powered Copra Dryer that uses solar energy, which is eco-friendly and renewable, and converts it into electrical energy to power the dryer.

FEATURES

- > Uses renewable energy
- > Produces good quality copra
- > Uses digital measuring technology for efficient cooking
- > Reduces manpower requirement

SPECIFICATIONS

- > **Power:** 3000 watts
- > **Dimension:** 12.5’ x 10’ x 9’
- > **Capacity:** 2000 - 2500 nuts
- > **Loading type:** Batch type
- > **Heat source:** Electric heating coil



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