

## II. FOOD PROCESSING

**Project Title:** RADIATION ON DISINFESTATION OF DRIED SALTED MACKEREL FOCUSED ON PACKAGING, TRANSPORTING AND MARKETING.

**Name and Address of Principal Investigator:** Ignacio S. Pablo  
Philippine Institute of Nutrition,  
Food Science and Technology, PWU  
Manila

**Description of the Project:** Project aimed to determine the effect of existing marketing and distribution pattern on insect penetration of packed irradiated dried mackerel. The dried salted mackerel was subjected to 225 Krads, the level found optimum in a previous project. The use of polyester polyethylene packaging was found most effective to prevent reinfestation during distribution and storage of the irradiated dried fish.

**Project Cost and Source of Funding:** US \$ 8,700  
International Atomic Energy Agency  
Vienna, Austria

**Cooperating Agencies:** IAEA and PINFST

**Date Started:** January 1979

**Duration or Expected Date of Completion:** August 31, 1980

**Project Title:** PRODUCTION OF CANNED GATA, PROTEIN AND OTHER FOOD PRODUCTS FROM COCONUT.

**Name and Address of Principal Investigator:** Rodulfo P. Garces  
National Institute of Science and  
Technology Pedro Gil, Manila

**Description of the Project:** The primary purpose of this project is to conduct further studies in the feasibility of establishing a semi-commercial production of canned gata, protein, vinegar, and other food and industrial products from coconut; and to explore its potential as source of income.

**Project Cost and Source of Funding:** ₱ 4,056,584.52 ; NIST

**Cooperating Agencies:** None

**Date Started:** July 1, 1969

**Present Status of Project:** This project was made a sub-project of the project "Pilot Plant Studies of Selected Finished Projects in the NIST Laboratories" as of January, 1980

**Other Relevant Information:** At present, negotiations are being made for the complete transfer of the plant to Agro-Gold Food Corporation, a private entity.

**Project Title:** DESIGN, CONSTRUCTION AND TEST OF A PORTABLE MILK PASTEURIZER

**Name and Address of Principal Investigator:** Rogelio C. Garzon

**Description of the Project:** A need for more effective pasteurization of milk is a

part of safety precautions to protect humans from diseases transmitted through drinking unpasteurized milk.

Project Cost and Source of Funding: ₱1,293.25 (1979)

Cooperating Agencies: Gregorio Araneta University Foundation