



**QUARTERLY RESEARCH PROGRESS REPORT**  
**1<sup>st</sup> Quarter (January – March 2023)**

**Research Title:** VSU-IRRI Project entitled OneRicePH "Development of Product Concepts for Target Rice Market Segments and Establishment of the National Breeding Network"

**I. Project Objectives:**

1. To evaluate and select promising early and mid-maturing rice lines develop from IRRI, PhilRice, and UPLB that are high-yielding, climate-resilient, and adaptable to local conditions
2. To recommend promising rice lines as entries to the National Cooperative Testing (NCT) Nationwide
3. To facilitate the submission and recommendation of high-yielding, climate-resilient, and with acceptable eating quality rice lines to the National Seed Industry Council for variety approval
4. To assess the development of product concepts for target rice market segments and establishment of the national breeding network

**II. Relevance to VSU & College's Thrust and Priorities:**

The research tie-up between VSU and IRRI is evidence of collaboration on an international scope through this project entitled "OneRicePH: Development of Product Concepts for Target Rice Market Segments and Establishment of the National Breeding Network". This project dovetailed on a unified collaborative breeding network with the International Rice Research Institute (IRRI), the Philippine Rice Research Center (PhilRice), and the University of the Philippines (UP), Los Baños, Laguna, Philippines. They jointly embarked on the development of breeding rice lines for testing nationwide, for NCT submission and testing, and submission to the National Seed Industry Council (NSIC) for varietal approval. These breeding lines are high-yielding, climate-resilient, best-eating quality, and adaptable to the local conditions that are nowadays aggravated by the ill effect of climate change.

This project responds to the priority thrust of reducing poverty and improving the livelihood of the rice farmers by enhancing their rice productivity albeit exposure to climate change situations. This also aims to achieve food security, improve nutrition, and promote sustainable agriculture throughout the country.

**III. Highlights of accomplishments within the quarter**

**A. Targets for the quarter:**

Established one trial under stage 1 during the dry season (November to April cropping) that started last second week of February 2023 at the experimental fields of the Visayas State University main campus. The stage 1 trial implementation has a total of 300 breeding rice lines, with 100 each from the three breeding institutions; IRRI, PhilRice, and UPLB, and with the addition of various check varieties, totaling 480 entries for this research undertaking.

**B. Highlights of accomplishments:**