

## QUARTERLY RESEARCH PROGRESS REPORT

QUARTER: 4<sup>th</sup>

**Research Title: National Cooperative Testing Program for Grain Legumes**

**I. Project/Study Objectives** *(Please specify if it is a program/ project/study):*

This study aimed to: Select and recommend high-yielding, pest, and stress-tolerant legume varieties to the National Seed Industry Council, Determine the best legume varieties that can be used by farmers in Eastern Visayas, and publish the significant output of the study.

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

Before a variety is recommended to the National Seed Industry Council (NSIC), it must undergo a series of tests across several locations and seasons throughout the country. Therefore, regional NCT trials have been implemented to test the stability of the genotypes in terms of their characteristics, particularly on growth and yield, as well as on pest and disease resistance or tolerance to climatic stresses.

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

**A. Targets for the quarter**

Established one (1) trial for the wet season of Mungbean.

**B. Highlights of accomplishments**

- Encoding and data analysis of mungbean were already done and submitted for data consolidation.

- Four varieties of peanuts were harvested during the fourth week of November and the first two weeks of December. The pods from each peanut variety were collected and stored to maintain their viability. The same procedure was also applied to 15 entries of mungbean seeds, along with three new promising lines of mungbean.