



QUARTERLY RESEARCH PROGRESS REPORT
1st QUARTER (January-March 2023)

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 farmers in Eastern Visayas can use, and publish the significant output of the study upon approval of NSIC.

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. In this regard, the conduct of regional NCT trials is done to assess the stability of the genotypes tested as to their characteristics, 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

- Establish two (2) trials of both peanut and mungbean crops, for the dry season and provide the necessary cultural practices required for each crop.

B. Highlights of accomplishments

- Prepared the land with two plowings followed by harrowing which were delayed due to continuous rain in the area.
- Thirteen (13) entries were established for mungbean while ten (10) lines of peanut were tested on March 14-15, and March 21- 22, 2023, respectively.
- Thinning was already done for mungbean while reseeding will be employed for peanut due to some missing hills brought about by water scarcity and ants taking out some of the sown seeds.
- Watering and other management practices will be employed for both crops during this cropping season as the need arise.
- Data gathering and the rest of the other management practices like weeding and pest control will also follow.