



QUARTERLY RESEARCH PROGRESS REPORT 4th QUARTER (October – December 2022)

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, 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

To conduct two (2) trials for the wet season of both peanut and mungbean crops.

- B. Highlights of accomplishments

- For the mungbean experiment, there were 13 entries established after final land preparation and lay-outing.
- Data gathering, weeding, and spraying of insecticides were employed while priming activities for mungbean were ongoing.
- For the peanut trial, spraying fungicides and uprooting weeds were also done while waiting for its harvesting period.

- IV. **Physical Report of Operation**

- A. Research Program

	Particulars/Name and Brief Description of Utilized/ Commercialized Technologies	Number
Outcome Indicator		
1. Number of research outputs utilized by the industry or by other beneficiaries	None, still in the process of selection	0
Output Indicator		

1. Number of research outputs completed within the year	Conducted wet and dry season trials with 10-13 entries of promising lines for both peanut and mungbean	4
2. Percentage of research outputs published in internationally-referred or CHED recognized journals within the year	Not applicable as it is too early yet, and it would be the National Seed Industry Council (NSIC) that has the authority to release a specific variety	0

B. Technologies/Information patented and commercialized

Technology Invention(s) New Information	Invention Patent Number	Date of Issue	Utilization of Invention		Name of Commercial Product
			Development	Service	
A. Technology Invention(s)	NA	NA			NA
B. New Information	NA	NA			NA

C. Research papers published (Identify if articles were for Research, Extension, Innovation or MSc/ PhD Studies)


	Title	Author (s)	Date/Year/Publication/ Publisher	Remarks (if Research, Extension, Innovation, Thesis, MSc/PhD)
a. Refereed Journal	NA	NA	NA	NA
Institutional				
National				
International				
b. Semi-popular publ'n (newsletter, etc.)	NA	NA	NA	NA
c. Popularized pub'n (technoguides, etc.)	NA	NA	NA	NA
d. Book Chapter/s	NA	NA	NA	NA
e. Books	NA	NA	NA	NA

D. Citation

Research Output as Cited by Other Researcher(s) in Journal Activities									
Title of Research Output/ Published Journal Articles/ Book	Title of Journal & Vol. Issue/ Year	Keywords	Researcher (s)	Citation Details					
				Author(s) Who Cited the Research Output	Title of Article Where the Research Output Was Cited	Title of Journal	Vol. / Issue / Page No.	City/ Year Published	Publisher
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

V. Issues, Problems, and Recommendations

PROBLEMS MET	RECOMMENDATIONS
NSIC provided no funding support	Follow up requests for counterpart funding from NSIC
Stealing some of the maturing peanuts	Conduct NCT trials near the Dept. of Agronomy shed house or in areas away from stray animals/children
Occurrence of typhoon and continuous rains	Observe the proper timing of planting and draining the area during heavy rainfall.


Submitted by: BERTA C. RATILLA
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Endorsed by: VICTOR B. ASIO
College Dean

Date Submitted: _____

Received by OVPREI-RPO: _____

Date Received: _____