



VSU RESEARCH QUARTERLY REPORT OF ACCOMPLISHMENT FORM

[July to September, 2022]

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

Program Title: Abaca Varietal Improvement Program in Region 8

Project Title: National Abaca Germplasm Collection, Maintenance and Use (Phase VIII: Jan. 2020 – Dec. 2022)

Study 1: Collection, Morphological Characterization and Maintenance of Abaca Germplasm (Moreno, LO and Ocon, FL)

Study 2: Characterization and Chemical Composition of Abaca Fibers in the Germplasm Collection (Moreno, LO and Jacobe, JG)

Study 3: In Vitro Conservation and Maintenance of Abaca Germplasm (Moreno, LO and Doron, RG)

Objectives

General:

1. To conserve and maintain (both *ex situ* and *in vitro*) a national abaca genebank.
2. To identify promising high yielding abaca accessions that possess the desired fiber qualities suited to specific end uses for use as parental materials in breeding work and or for further evaluation for possible release as new varieties.

Specific:

Study 1:

1. To collect, conserve and maintain a national abaca genebank in VSU.
2. To determine the morphological characters of the collections.
3. To establish an abaca germplasm database.