



VISAYAS
STATE UNIVERSITY



**NATIONAL ABACA RESEARCH
CENTER**

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VSU RESEARCH QUARTERLY REPORT OF ACCOMPLISHMENT FORM

[October 1 to December 31, 2021]

I. Program/Project/Study Objectives

Program Title: **Abaca Varietal Improvement Program in Region 8**

Project Title: ***Improvement of abaca cultivars through conventional method and biotechnology-based breeding techniques and evaluation of promising abaca varieties, hybrids & accessions***

- Study 1 : **Development of high-yielding abaca varieties resistant to bunchy-top disease (Moreno, LO and Valida, AF)**
- Study 2 : **Screening of abaca cultivars/lines and hybrids for resistance to bunchy top virus disease (Piamonte, RT)**
- Study 3 : **Field evaluation of abaca varieties and hybrids (Moreno, LO and Valenzona, MA)**

Objectives

General Objective

To enrich the genotypic variability in abaca and to develop high yielding abaca genotypes/varieties that are resistant to abaca bunchy top virus disease and with good quality fibers suited to specific industry end uses.

Specific Objectives

Study 1

1. To increase genotypic variability in abaca.
2. To develop abaca varieties that is high yielding and resistant to bunchy-top disease.

Study 2

1. To identify abaca genotypes resistant to bunchy top disease as parental materials in breeding work and for further evaluation for possible release as new variety for farmer's use.



Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

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