



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:

Project Title: Low cost options for the *in vitro* propagation of abaca

Objectives

General: To formulate low cost in vitro techniques for the mass propagation of abaca planting materials.

Specific:

1. To determine alternative chemicals (usually imported and expensive) for the formulation of low cost media for the *in vitro* propagation of abaca
2. To determine low cost procedures/techniques through the use of locally available materials for the *in vitro* propagation of abaca.
3. To formulate low cost techniques in hardening of *in vitro* cultured abaca.
4. To conduct cost analysis of low cost procedure /technique in the *in vitro* mass propagation of abaca planting materials

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

III. Highlights of accomplishments within the quarter

A. Targets for the quarter

- Maintenance and care of plants at the screenhouse
- Monthly transfer of cultures to fresh medium
- Monthly data gathering
- Conduct of experiment on macro propagation of abaca
- Conduct experiment using modified culture medium for the *in vitro* micropropagation of abaca



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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