



## **NATIONAL ABACA RESEARCH CENTER**

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## VSU RESEARCH QUARTERLY REPORT OF ACCOMPLISHMENT FORM

[January to March 2022]

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



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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