



VISAYAS
STATE UNIVERSITY



NATIONAL ABACA RESEARCH CENTER

Visayas State University (VSU)
Visca, Baybay City, Leyte 6521 Philippines
Phone: 053-525-0140-1058
Mobile # 09173108072
Email: narc@vsu.edu.ph
Website: www.vsu.edu.ph

VSU RESEARCH QUARTERLY REPORT OF ACCOMPLISHMENT FORM

[January 1 to March 31, 2022]

I. Program/Project/Study Objectives

Program Title:

Project Title: ***Field Evaluation of Bio-hardened Abaca with Plant Growth Promoting Microorganisms (PGPM) as Biofertilizers***

Objectives

1. To evaluate the growth and yield performance of bio-hardened tissue-cultured abaca plantlets under field condition;
2. To assess the diversity of microbial population in the rhizosphere of field grown tissue-cultured abaca plantlets;
3. To determine the nutrient uptake of field grown abaca applied with PGPM; and
4. To document the farmers acceptability of the field evaluation trial

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

III. Highlights of accomplishments within the quarter

A. Targets for the quarter

- Regular observation of abaca plants
- Data gathering
- Weeding operations on the treatment plots
- Four chemical analysis
- Encode data

B. Highlights of accomplishments

- Gathered monthly data on the growth parameters of abaca on the pot and field
- Performed weeding operations on treatments plots, and ring weeding on farmers practice treatment
- Observed and documented the performance of abaca on the pot and field
- Soil pH, soil organic matter (SOM), and phosphorus (P) analysis of initial soil samples
- Encode and arrange the data of abaca

IV. Issues, Problems and Recommendations

- Pending nitrogen analysis due to insufficient sulfuric acid



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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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