



VSU RESEARCH QUARTERLY REPORT OF ACCOMPLISHMENT FORM

January 1 – March 31, 2022

I. Program/Project/Study Objectives

Project Title: **Assessment of Climate Smart Farming Scheme in Hilly Upland Areas**

Objectives:

1. *To asses and evaluate the influence of the different double hedgerows combinations on the soil erodibility.*
2. *To assess the physic-chemical and biological properties of the soil on the influence of IMO6, EM, and Vermicast application in the contour hedgerows on the degraded upland.*

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

III. Highlights of accomplishments within the quarter

1. Finalizing data encoded for adlay plant growth and yield, soil erodability, and meteorological data from VSU PAG-ASA.
2. Continue and finalizing statistical analysis for all plant parameter data's (Growth and Yield) and for above ground hedgerow biomass.
3. Collection of thirty-nine (39) final composite soil sample and processing for final analysis in adlay cropping.
4. Done final analysis for soil pH and electrical conductivity (EC)
5. Continue final analysis for phosphorous (P), organic matter (OM), and nitrogen (N) analysis of adlay cropping.
6. Area maintenance and cleaning through weeding in the contour plots, replacing/replanting dead plant hedgerows and trimming/pruning plant hedgerows for the next cropping.
7. Preparing raw materials for fertilizer production for Indigenous Micro-Organism (IMO6) and Effective Microorganism (EM).

IV. Issues, Problems and Recommendations

- At present cropping (Adlay Plants) were damaged caused by unfavorable weather conditions such as heavy rains and strong winds which resulted to plant stem lodging.



Submitted By:

DHENBER C. LUSANTA
Project Leader

Recommending Approval

ROSA OPHELIA D. VELARDE
Director for Research

Approved

MARIA JULIET C. CENIZA
VP for Research, Extension and Innovation