



VSU RESEARCH QUARTERLY REPORT OF ACCOMPLISHMENT FORM


January 1- March 31, 2021

Research Title (VSU-IP-2021-11): Nanomaterial-encapsulated microbial inoculant as tuber sett coating to enhance growth, yield, and micronutrient uptake of purple yam

Highlights of accomplishments within the quarter

1. Optimized encapsulation method of bacteria in nanomaterial-alginate microbeads.
2. Mass produced the nanomaterial-alginate microbeads in preparation for the purple yam planting season.
3. Collected and prepared soil samples for pH analysis.
4. Collected soil samples for sterilization and potting.

Submitted by:


ANABELLA B. TULIN
Project Leader

Noted by:


MA. THERESA P. LORETO
Director, ARI Center

Recommending Approval:

ROSA OPHELIA D. VELARDE
Director for Research

Approved:

MARIA JULIET C. CENIZA
Vice President for Research, Extension
and Innovation