



VSU R&D SEMI-ANNUAL REPORT (July to December 2022)

 Center/College/Department: **NATIONAL ABACA RESEARCH CENTER**

A. Research papers/posters disseminated/presented

TITLE OF PAPER/POSTER	DATE, VENUE	RESEARCHERS/PRESENTERS
a. Institutional		
Collection, Morphological Characterization and Maintenance of Abaca	August 5, 2022/NARC Research In-House Review 2022/NRIB, VSU, Baybay City, Leyte	LOMoreno/FLOcon
Characterization and Chemical Composition of Abaca Fibers in the Germplasm Collection	-do-	LOMoreno/JGJacobe
<i>In Vitro</i> Conservation and Maintenance of Abaca Germplasm	-do-	LOMoreno/MBMati-om
Development of high-yielding abaca varieties resistant to bunchy-top disease	-do-	LOMoreno/MATCinco
Screening of abaca cultivars/lines and hybrids for resistance to bunchy top virus disease	-do-	RTPiamonte
Field evaluation of abaca varieties and hybrids	-do-	LOMoreno
Promoting Microorganisms (PGMA) as Biofertilizer for Abaca (Phase 3)	-do-	RBArmecin/MJMDayondon
Biological Control of the Abaca Corn Weevil with Entomopathogenic Nematodes (EPN) – Phase 3	-do-	RTPiamonte/MAMeriales/BFlor
Design, fabrication, and evaluation of a light and low-cost trailer mounted abaca spindle stripping machine	-do-	FGSinon
Low-cost options for the <i>in vitro</i> propagation of abaca	-do-	FMYDuatin/JEOrias
Integrated Abaca Extension Program	-do-	JMNSalomon/JENso
b. Regional		
c. National		
d. International		
Time Series Forecasting Using Holt-Winters Exponential Smoothing: Application to Abaca Fiber Data (Paper - Virtual)	Sept. 21-23, 2022//SSU Gymnasium, Samar State University, Artech Blvd., Catbalogan City, Western Samar, Philippines	MCFPleños
Assessment of Abaca Fiber Production in	Sept. 21-23,	MCFPleños