NATIONAL ABACA RESEARCH CENTER
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ANNUAL REPORT

I. BASIC INORMATION

1. **Title of the Project:** Integrated Abaca Extension Program

Project Components:

Project 1	Management of Abaca Diseases in Leyte through Interagency/Multisectoral Cooperation
Component 1	Pest Diagnosis, Monitoring, and Management
Component 2	Technical Assistance on Policies Related to Disease Management and Eradication
Project 2	Capability Enhancement on Abaca Technologies
Component 1	Technical Assistance in Nursery and Plantation Establishment and Management
Component 2	Technical Assistance in Processing and Utilization
Component 3	Pest Prevention
Project 3	Information, Education, Communication, and Promotion
Component 1	Communication Support Services
Component 2	Promotion and Marketing Assistance of Abaca Technologies
Project 4	Propagation and Distribution of Planting Materials
Component 1	Seedpieces Production and In-vitro Propagation
Component 2	Distribution of Planting Materials

2. **Program and Project Component Leaders**

Program Leader	Jedess Miladel N. Salomon Assistant Professor III jedess.salomon@vsu.edu.ph
Component Leaders	Dr. Feliciano G. Sinon Professor VI fgsinon@vsu.edu.ph
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3. **Implementing Agency**

Lead Agency	National Abaca Research Center
Collaborating Agencies	• Philippine Fiber Development Authority Region 8 (PhilFIDA 8) • Department of Agriculture Regional Field Office 8 (DARFO 8) • Department of Science and Technology 8 (DOST 8) • Department of Environment and Natural Resources 8 (DENR 8) • Agricultural Training Institute-Regional Training Center Region 8 (ATI-RTC 8) • Department of Trade and Industry 8 (DTI 8) • Southern Leyte State University (SLSU) • University of Eastern Philippines (UEP) • Municipal Government of Silvino Lobos, Northern Samar • Municipal Government of Sogod, Southern Leyte • City Government of Baybay, Leyte • City Government of Ormoc, Leyte • Provincial Government of Southern Leyte • Specialty Pulp Manufacturing, Incorporated • Pulp Specialties Philippines, Incorporated

4. **Project Duration:** January – December 2022 (Ongoing)

5. **Project Location:** Region VIII

6. **Total Budget Requirement**

Budget Requested	P300,000.00
Agency Counterpart	P300,000.00

II. TECHNICAL INFORMATION

Rationale

The overarching mission of research, development and extension (RDE) programs of NARC is to help reduce poverty among resource-poor abaca farmers and other stakeholders and to help strengthen the abaca industry. To fulfill this mission, NARC aims to: 1) develop and promote effective abaca technologies; 2) commercialize abaca-based products for domestic and foreign markets; 3) advocate policy reforms; and 4) promote and strengthen collaboration and partnerships at the local, regional, national and global levels.

NARC has generated appropriate abaca technologies to improve abaca productivity and increase the income of the small abaca farmers. As part of the mandate, NARC is also involved in extending developed technologies to the end-users. It has a continuing **Integrated Abaca Extension Program** with project components designed for the efficient transfer and utilization of technological inputs. The project components are: 1) Management of abaca diseases in Leyte through interagency/multisectoral Cooperation; 2) Capability enhancement on abaca technologies; 3) Information, education, communication and promotion; and 4) Propagation and distribution of planting materials. NARC has envisioned bringing these developed technologies to the farmers and other stakeholders. All extension activities are conducted to support the development thrusts of the local government units specifically the establishment of livelihood and agricultural support services program.

Objectives

1. Provide technical assistance to farmers and other stakeholders on pest and disease management and abaca farm rehabilitation
2. Enhance the capability of abaca farmers and other stakeholders in adopting abaca technologies
3. Disseminate information on abaca technologies and promote abaca products
4. Produce and provide abaca planting materials for the establishment and rehabilitation of abaca farms

Strategies Employed

In 2022, extension activities were carried out since health and travel restrictions were lifted/relaxed.

PROJECT 1. Management of abaca diseases in Leyte through interagency/multisectoral cooperation

- **Farm visits and on-farm consultations**. These are done to extend technical advice appropriate to a particular field situation and assess the incidence of bunchy-top and other diseases. These were done in coordination with agriculture technicians and coordinators in each municipality. During such field visits, farmers were able to interact with NARC researchers and extension workers on proper cultural and disease management.
- **Interagency collaboration and cooperation.** Since 2018, NARC serves as the Office of the Coalition Chairperson and secretariat. NARC organizes and coordinates activities that foster knowledge and resource sharing between LGUs and government agencies, specifically to address the need for abaca rehabilitation. These include consultative meetings.

PROJECT 2. Capability enhancement on abaca technologies

- **Provide non-formal education through trainings, briefings, consultations, hands-on, and field demonstrations.** NARC, through its researchers, provide trainings on abaca production, pest and disease identification and management, nursery and plantation establishment, postharvest processing and utilization, which includes handicraft-making. Over the years, NARC has developed technologies for the improvement of abaca production and abaca-based livelihoods. It aims to address the gap in technology adoption by equipping farmers and other stakeholders with knowledge and skills on these technologies.
- **Fabrication and distribution of postharvest processing machines, tools and other gadgets**. Village-level machines have been developed for the primary and secondary processing of abaca fiber. These were designed and fabricated so that small abaca farmers and farmers' associations can access postharvest processing technologies. These include: the Abaca Power Stripper, Twisting and Twining Machines, and the Yarning Machine. NARC has also developed the Plant Power Shredder which is primarily used for the production of organic fertilizer.
- **Exhibit area.** NARC has an exhibit area where prototypes, models and posters of its developed technologies are displayed. This area is for visitors who are interested in abaca production, technologies and products. NARC's extension coordinator and its researchers are available to provide information and technical advice.

PROJECT 3. Information, education, communication and promotion

- **Information, Education and Communication (IEC) campaign and production and distribution of publications.** NARC has produced flyers and brochures of its technologies. The Center has also produced a video on the bunchy top disease and its management, and has shown this to different *barangays* during information drives. There is also a video about the Center to promote its facilities, developed technologies and services.
- **Participation in exhibits and technology fora, field demonstration and information drives.** This is to further facilitate technology information dissemination. NARC is invited to participate in exhibits to showcase abaca and abaca fiber-based products from the Center and other handicraft-makers in Leyte and Southern Leyte.

Publications on developed technologies are also available for sale, while some are distributed for free. Demonstrations on the operation of processing machines are also conducted in the Center for interested guests and visitors.

- **Maintained the National Abaca Research Center Facebook page.** In 2017, NARC published its Facebook page so that we can upload updates of our activities and promote the Center. Also, this allows the Center to connect directly to the stakeholders of the abaca industry through direct messaging.

PROJECT 4. Propagation and distribution of planting materials

- **Propagation and distribution of tissue-cultured planting materials.** NARC's Tissue Culture Laboratory is propagating planting materials of recommended abaca varieties for Eastern Visayas: Inosa and Laylay, as well as banana varieties Lakatan and Cardava. These are purchased by government agencies, nongovernment organizations and private individuals for the establishment, expansion and/or rehabilitation of abaca farms. The planting materials produced from the laboratory are primarily distributed in Eastern Visayas and Mindanao, although a considerable number have also been distributed in some areas in Luzon and the rest of the Visayas.

Highlights of Accomplishments

For the year under review, NARC's Integrated Abaca Extension Program has accomplished the following activities under its different project components (see tables in Appendix A and photographs in Appendix B).

PROJECT 1. Management of abaca diseases in Leyte through interagency/multisectoral cooperation

1. Conducted field visits in five (5) barangays in Baybay and Ormoc City (Table 1).

2. NARC organized/participated in six (6) meetings (Table 2). Two (2) of these are with partner NGOs, one (1) with CLGU-Baybay regarding its abaca rehabilitation program, and one (1) was a workshop on the SOAR program report. The Abaca Coalition was able to hold two (2) meetings. Coalition meetings are supposed to be done quarterly; however, it was just during the second half of the year when members felt comfortable to meet in person after the pandemic. In the meeting, representatives of member agencies discussed the MOA between member agencies, the Coalition's position and plans on issues relating to the abaca industry in the region, status of abaca farms in abaca-growing areas in the region, and updates on the projects supported by the Coalition. The following rehabilitation programs are assisted, in particular, by NARC:
    - **Rehabilitation program of the City Government of Baybay.** Ms. Mora C. Abarquez City Agriculturist of CLGU-Baybay reported that they were able to receive Php 1.2 Million Pesos from disaster funds and PhP 1.4 million from their GAD budget. There are 10 barangays included in their abaca rehabilitation program. The funds included fertilizer and labor cost acquired after Typhoon Odette. They sourced out abaca planting materials of Inosa from LGU-Sogod. They also bought stripping machines. CLGU-Baybay has a tissue culture laboratory, established with PhP 1 million funding for the building and equipment. It is operated with two (2) laborers and one (1) technical person. As of 2022, there were 161 farmers involved in the program with 16ha planted with abaca. Over 10,000 abaca suckers were distributed to the barangays involved. NARC continuously assists CLGU-Baybay by providing technical assistance in the form of consultancy (for the tissue-culture laboratory establishment) and trainings on abaca production and tissue culture laboratory protocol.
    - **Rehabilitation program of the City Government of Ormoc.** Ms. Rhea Panares of CLGU-Ormoc gave an update of their abaca farms in the uplands of Ormoc. She reported of the 50-hectare abaca farms replanted as part of their Paglaum program. They plan to expand to another 10 hectares. NARC has already supplied 40,000 panting materials out of the 57,000 target. They also established two (2) nurseries in Brgys. Liberty and Milagro.

PROJECT 2. Capability enhancement on abaca technologies

1. NARC conducted five (5) trainings in all: four (4) trainings on abaca production and postharvest processing, and one (1) training on handicraft-making with a total of 155 participants (Table 3). Of these, 108 (69.68%) were males and 47 (30.32%) were females. Pre and posttests showed that there was an increase in their knowledge on the subject matter, with majority of the trainees belonging to the low knowledge group before the trainings and improving to the average knowledge group and even high knowledge group after (Figures 1a, 2a, 3a, and 4a).

2. Conducted technical briefings for 242 visitors from government agencies, nongovernment organizations, academic institutions and private companies on NARC programs and technologies (Table 4).

3. One (1) unit of the Abaca Power Stripper amounting to P80,000.00 was distributed/sold (Table 5).

PROJECT 3. Information, education, communication and promotion

1. Produced and distributed 632 IEC materials to promote abaca technologies and disseminate knowledge on appropriate abaca production and pest and disease identification and management (Table 6).

2. Participated in four (4) agro-fairs promoting abaca technologies (Table 7).

3. Had engagements with stakeholders through the NARC FB page. As of May 2023, NARC has 1,976 followers. People also sent direct messages to the page to ask about abaca products, abaca production, and services offered. Specific data on post reach and post engagement are found in Table 8. According to Facebook, post reach is the number of people who saw any of the posts at least once. Post engagement is the number of reactions, comments, shares and clicks on posts.

PROJECT 4. Propagation and distribution of planting materials

Distributed/sold 496 banana tissue-cultured planting materials amounting to P29,760.00 (Table 9).

Problems Met and Recommendations

1. 2022 was a year of transition for the Abaca Coalition with a change in the leadership of NARC, which is the Office of the Coalition Chairperson. Dr. Feliciano G. Sinon served as the Chairperson since the Coalition was formalized and then he went on sabbatical in 2022. Dr. Romel B. Armecin, who was appointed as NARC Director in the same year, was not very familiar with Abaca Coalition activities because he served as the Director of Eco-FARMI for many years prior. The Coalition Vice-Chairperson, PhilFIDA 8 Regional Director Engr. Wilardo O. Sinahon, assisted the new Chairperson during meetings and planning.

   Regular activities were resumed as health and travel restrictions were lifted/relaxed. Because of nearly three years of not conducting these activities, there were some limitations. For example, some of the background display for exhibits went missing and there were only two Abaca Coalition meetings because these were resumed during the second half of the year.

2. The Abaka Kini radio program was discontinued in 2022 with the resumption of regular extension (and research, instruction, and administrative) activities. The program needed preparation every week which takes time. DYDC and NARC plan to have it twice a week with DYDC staff taking over the program and NARC researchers serving as guests/resource persons.

3. The following are problems encountered during the conduct of trainings:
   a. The number of participants exceeded the expected number which was only 30. Thus, the training materials prepared were not enough. The number of participants exceeding the expected number was encountered a few times in the past. Sometimes it is unavoidable especially when farmers are determined to join the training. Although nothing can be done about the lack of training materials, the number of meals and snacks were adjusted to accommodate the additional number of participants.
   b. There was an instance when the projector used was not suited for outdoor use. The images projected were not very clear. Projecting clear images is important especially in discussing pests and diseases so that participants can see the signs and symptoms. Thus, equipment to be used must be tested in the venue before the training so that adjustments can be made beforehand. This, however, was not a major problem because NARC provides printed IEC materials in color so participants can refer to these.
   c. Bad weather also affected the conduct of trainings. One training was delayed because of Tropical Storm Agaton and its aftermath in the City of Baybay. There were also times when it rained hard during the demonstration and hands on part of the training. Thus, the demonstration was done in the small area near the barangay gym where the training was held instead of a small farm The rain prevented the demonstration to be done in an open area so it was done inside the training venue (barangay gym). This limited what could be shown in the demo and hands on was also not possible. The weather is hard to predict when setting the date for the training. The activities would have to be adjusted especially those needing to be done outdoors/field.
   d. Travelling to Brgy. Monterico was difficult because there were still many parts that were not concrete. It is also an upland barangay that is quite far from the city center, thus it took a long time to get there. It is hoped that the road leading to and from the upland barangays of Baybay City will finally be concreted. This is beneficial for farmers living and making a living in these areas because they can easily transport their products. Moreover, concrete roads will make these barangays easily accessible to the LGU and other organizations extending technical assistance.

e. One training venue was used for another barangay activity. There were people other than the trainees so it was not conducive for learning. When organizing the training with the barangay, it must be ensured that the training venue should be exclusive to minimize/prevent distractions.

III. LOGICAL FRAMEWORK

Target/Planned (2022)	Activities	Actual Accomplishment / Output to Date	Percent Accomplished	Outcome	Impact (if ever applicable)
-	Meetings	6		• Resource sharing • Working towards signing of MOA (Abaca Coalition)	
1	Field visits	3	300%		
4	Trainings	5	125%	• Increase in knowledge from low to average and high • 30.32% female participants and 69.68% male participants	
1	Exhibit	4	400%		
-	Distribution of Abaca Power Stripper	1		• 1 adopter	
-	Distribution of Plant Power Shredder	0			

-	Distribution of IEC materials	632			
-	Online engagement through FB page	1,976 followers			
-	Distribution of TC planting materials	0 abaca 496 banana	-	• 11 adopters	

IV. PROJECT SUMMARY

The Integrated Abaca Extension Program of the National Abaca Research Center (NARC) generally aims to improve the lives of abaca farm households, particularly in the Eastern Visayas, through the dissemination of appropriate abaca technologies. It is currently giving importance to collaboration with other agencies and organizations, particularly through the Abaca Coalition.

The year under review was a transition from the pandemic to regular activities as health and travel restrictions are lifted/relaxed. Extension activities, particularly trainings and field visits, were done in partnership with CLGU-Baybay. The number of persons served was lower than that before the pandemic maybe because mobility only increased during the second half of the year. Some activities were also delayed/affected by extreme weather conditions, from Typhoon Odette in December 2021 to Typhoon Agaton in April 2022. There were also many months of rain which prevented field visits (abaca farms are in the mountains).

Despite these, NARC was able to establish and strengthen partnerships with NGOs and LGUs in their abaca production and rehabilitation programs.

APPENDIX A

Table 1. Field visits conducted

Date	Location
April 28, 2022	Brgy. Kabunga-an and Brgy. Ampihanon, Baybay City
May 25, 2022	Brgy. Gaas, Ormoc City
June 1, 2022	Brgy. Cabingtan and Brgy. Milagro, Ormoc City

Table 2. Meetings facilitated/attended

Date	Location	Purpose
February 10-11, 2022	National Abaca Research Center, VSU	Meeting with Kennemer Foods International Inc.
February 23, 2022	National Abaca Research Center, VSU	Meeting with City Agriculture Office, Baybay City, Leyte
April 25, 2022	National Abaca Research Center, VSU	Meeting with Ang Mananampalatayang Gumagawa Inc.
July 21, 2022	Ormoc City Museum, Ormoc City	Abaca Coalition Meeting
September 8, 2022	BCCI, Sogod Southern Leyte	SOAR Project Report Workshop
October 26, 2022	Maasin City	Abaca Coalition Meeting

Table 3. Trainings conducted and facilitated

Date	Title of Training	Number of participants	Location	Name of Staff Involved	Nature of Participation	Sponsoring Agency
May 27, 2022	Training on Abaca GAP and IPM	30	Brgy. Bitanhuan Baybay City, Leyte	RTPiamonte FLOcon JMNSalomon JGEnso	Resource Person Resource Person Facilitator Facilitator	NARC CAO-Baybay
July 18, 2022	Training on Abaca GAP and IPM	28	Brgy. Monterico Baybay City, Leyte	RTPiamonte FLOcon JAN Cadalin MCFPlenos JGEnso	Resource Person Resource Person Resource Person Facilitator Facilitator	NARC CAO-Baybay

Date	Title of Training	Number of participants	Location	Name of Staff Involved	Nature of Participation	Sponsoring Agency
August 5, 2022	Skills Training on Bilao Handicraft-making	24	TESDA Bldg. Upper National High School, Mahaplag, Leyte	BGumba JGEnso	Resource Person Facilitator	NARC DTI-Mahaplag
September 5, 2022	Training on Abaca GAP and IPM	33	Brgy. Gawisan Maasin City	FLOcon JAN Cadalin JMNSalomon MCFPlenos JGEnso	Resource Person Resource Person Facilitator Facilitator Facilitator	NARC Brgy. Gawisan
December 7, 2022	Training on Abaca IPM	40	Baybay City	MAMerioles RTPiamonte FMYDuatin BMGumba JMNSalomon MCFPlenos JGEnso	Resource Person Resource Person Resource Person Resource Person Facilitator Facilitator Facilitator	NARC CAO-Baybay

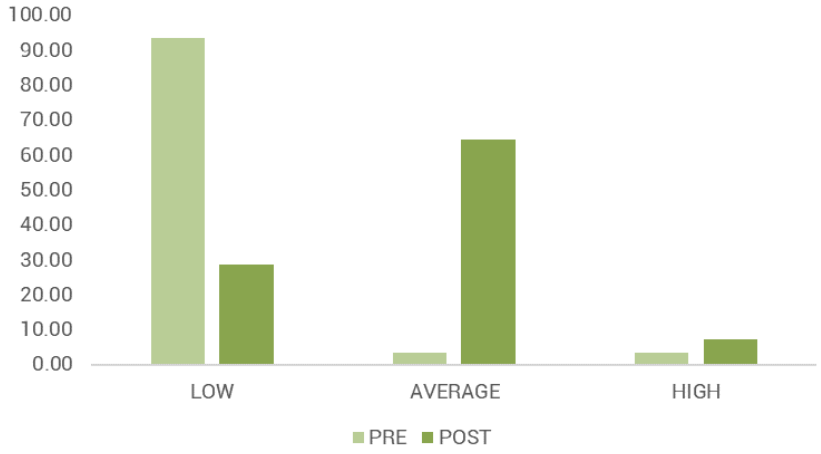


Figure 1a. Trainees' pre-test and posttest results
(Training on Abaca GAP and IPM in Brgy. Bitanhuan)

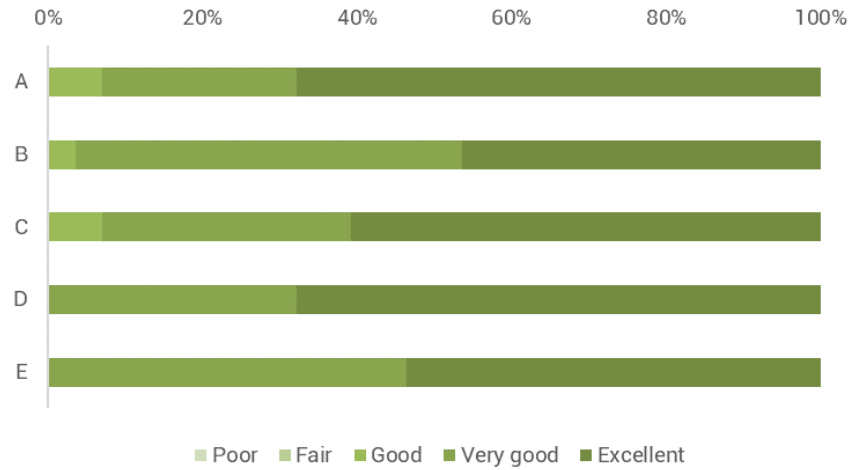
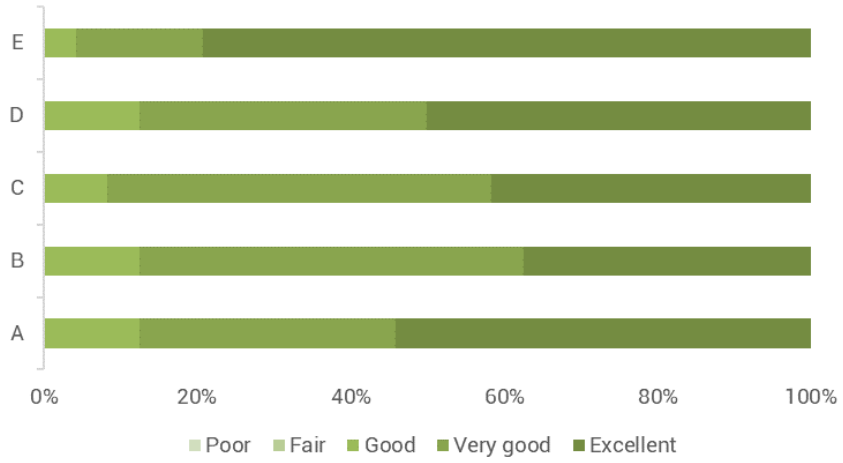
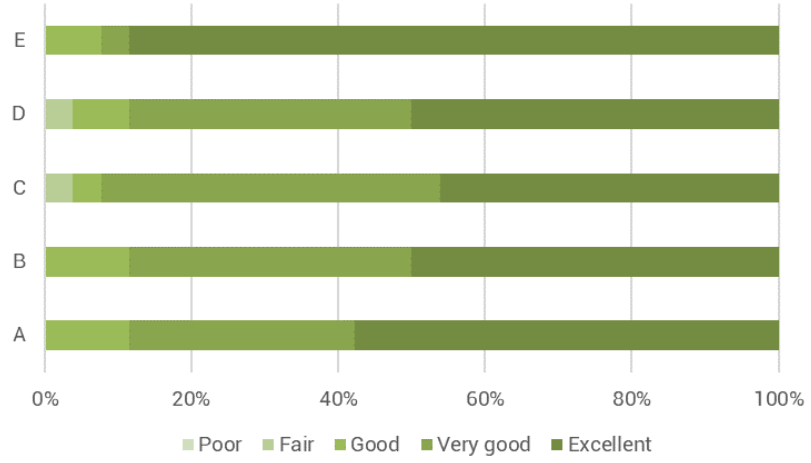


Figure 1b. Training evaluation
(Training on Abaca GAP and IPM in Brgy. Bitanhuan)





Figures 1c and 1d. Resource person evaluation (Training on Abaca GAP and IPM in Brgy. Bitanhuan)

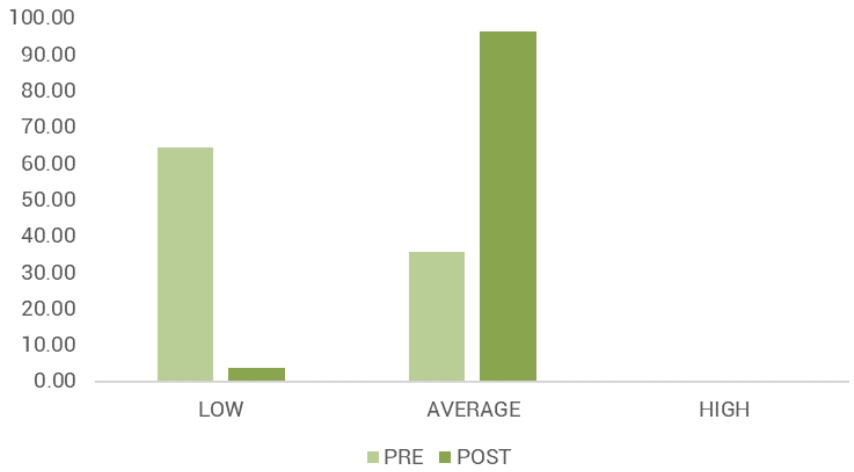


Figure 2a. Trainees' pre-test and posttest results
(Training on Abaca GAP and IPM in Brgy. Monterico)

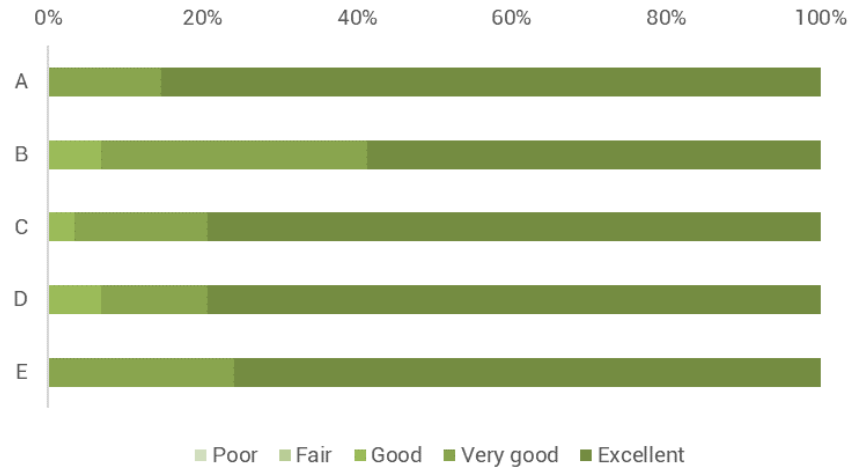
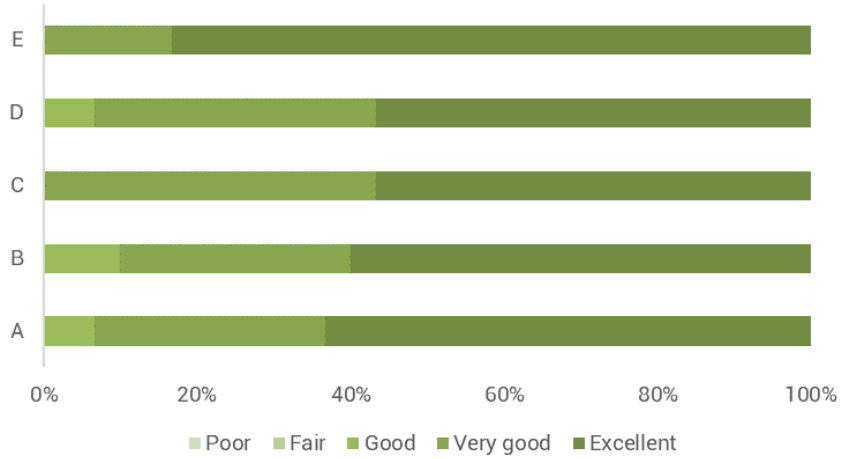
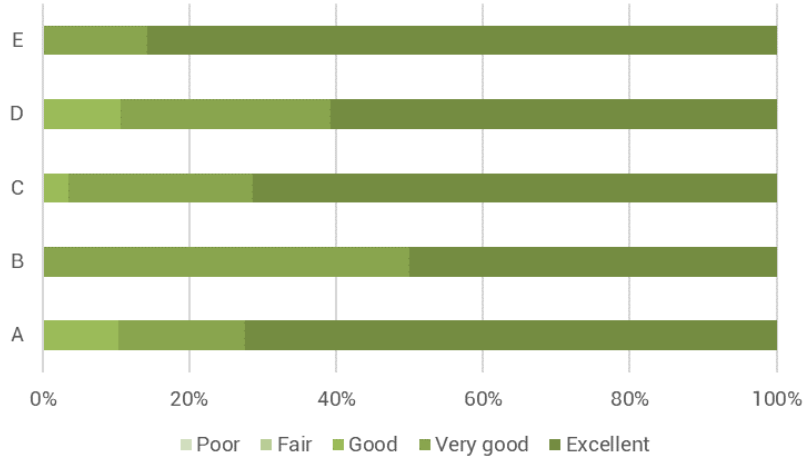


Figure 2b. Training evaluation
(Training on Abaca GAP and IPM in Brgy. Monterico)





Figures 2c and 2d. Resource person evaluation (Training on Abaca GAP and IPM in Brgy. Monterico)

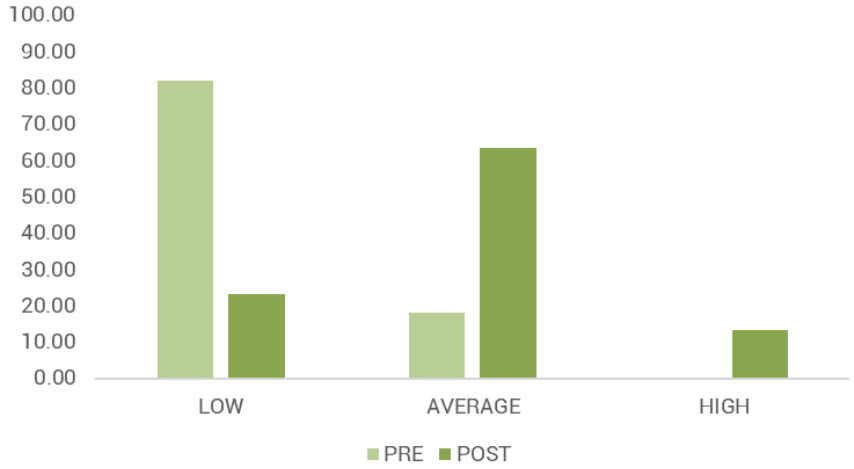


Figure 3a. Trainees' pre-test and posttest results
(Training on abaca GAP and IPM in Brgy. Gawisan)

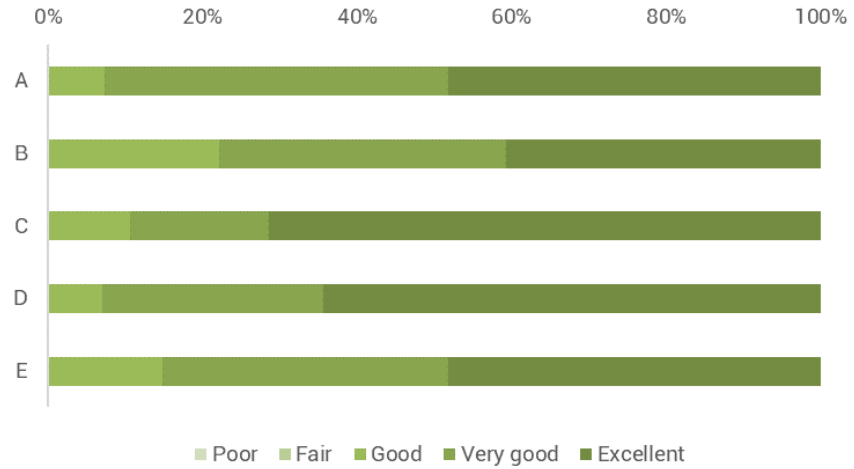
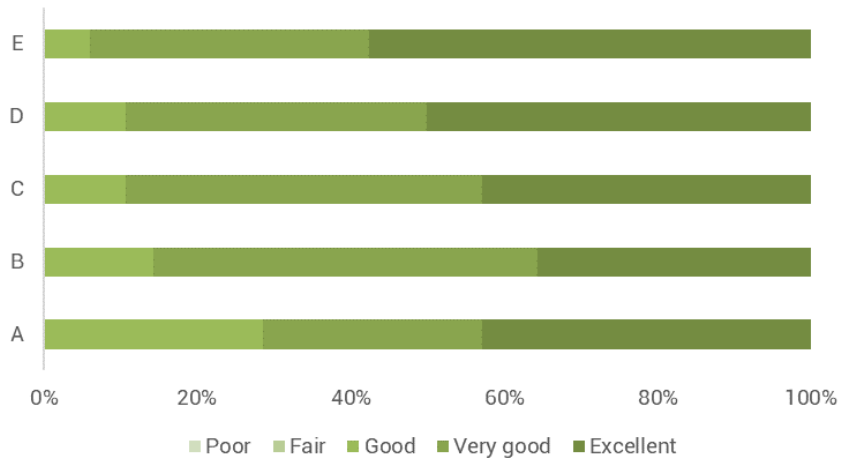
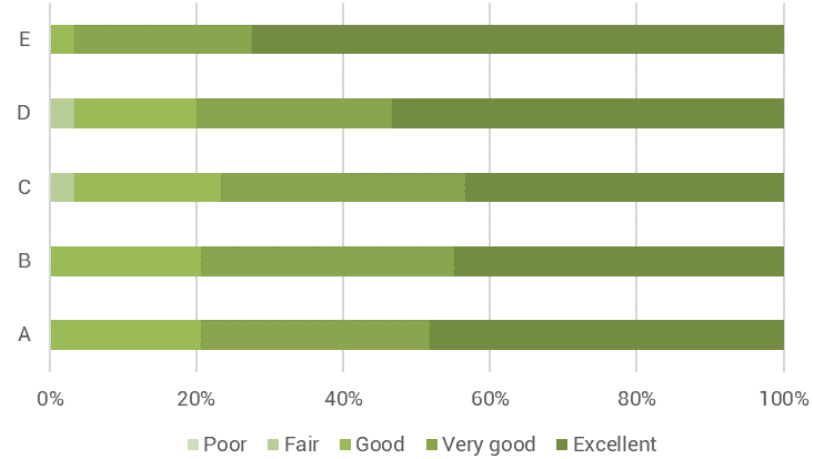


Figure 3b. Training evaluation
(Training on abaca GAP and IPM in Brgy. Gawisan)





Figures 3c and 3d. Resource person evaluation (Training on abaca GAP and IPM in Brgy. Gawisan)

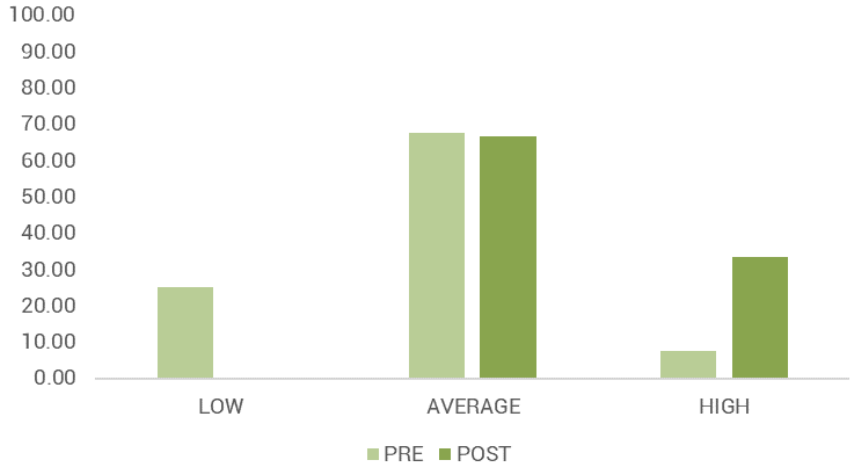


Figure 4a. Trainees' pre-test and posttest results
(Training on abaca IPM in Baybay City)

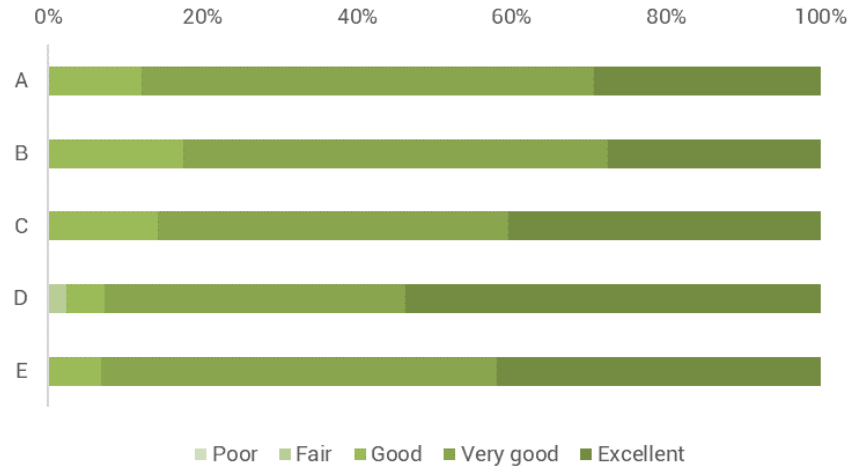
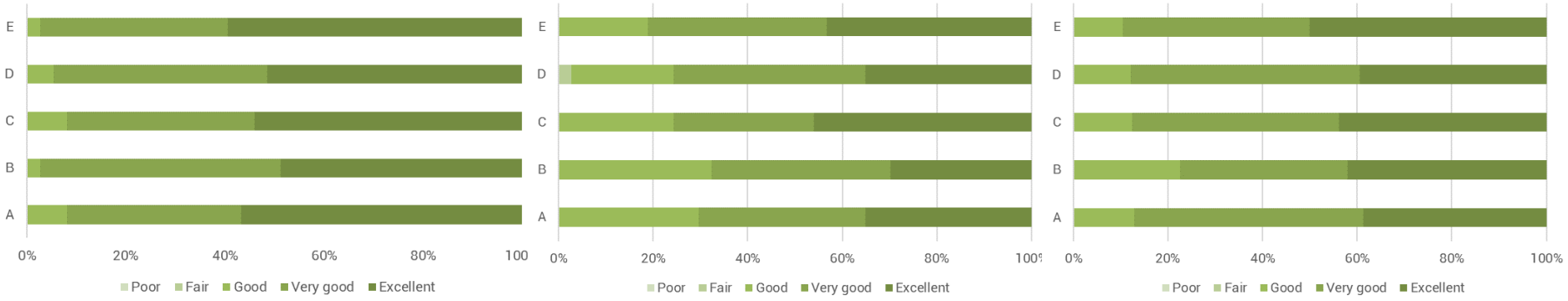


Figure 4b. Training evaluation
(Training on abaca IPM in Baybay City)



Figures 4c and 4d. Resource person evaluation (Training on abaca IPM in Baybay City)

Table 4. List of R & D technical briefings conducted

Date	Agency involved	No. and type of clientele	Area of interest
March 10, 2022	VSU-DAEEx	2 staff	NARC internship
March 21, 2022	Technomart	1 person	Exhibit area and abaca umbak products
March 23, 2022	DOST	2 persons	Abaca technologies
April 1, 2022	OHIA	6 persons	Abaca technologies, Abaca Power Stripper, exhibit area, and umbak products
	PIVAC	8 persons	Abaca technologies, Abaca Power Stripper, exhibit area, and umbak products
	UIMC	3 persons	Abaca technologies, exhibit area, and umbak products
May 27, 2022	DEPSTAT	18 persons	Abaca technologies, exhibit area, and umbak products
June 2, 2022	Maasin-OCAG	3 persons	Abaca technologies, exhibit area, and umbak products
June 8, 2022	VSU	2 students	Abaca technologies, exhibit area, and umbak products
June 9, 2022	VSU-Phys	1 student	Abaca technologies, exhibit area, and umbak products
June 10, 2022	DABE	5 persons	Abaca technologies, exhibit area, and umbak products
June 16, 2022	FAO- Palo	2 persons	Abaca technologies, exhibit area, and umbak products
June 30, 2022	UPLB	4 persons	Abaca technologies, exhibit area, and umbak products
July 1, 2022	KFI	3 persons	Abaca technologies, NARC technical services
July 6, 2022	CVSU	3 persons	Abaca technologies, exhibit area, and umbak products
July 13, 2022	GrimtLab	1 person	Tissue culture
	SLSU- Bontoc	7 students	Abaca technologies, exhibit area, and umbak products

July 16, 2022	FAO UN-Palo	3 persons	Abaca technologies, exhibit area, and umbak products
July 18, 2022	VSU- Alang-alang	2 persons	Abaca technologies, exhibit area, and umbak products
August 1, 2022	MSU- Maguindanao	2 persons	Abaca technologies, exhibit area, and umbak products
August 3, 2022	SLSU- Bontoc	1 person	Abaca technologies, exhibit area, and umbak products
August 5, 2022	BipSu	30 students	Abaca technologies, exhibit area, and umbak products
August 10, 2022	VSU-Horticulture	2 students	Abaca technologies, exhibit area, and umbak products
August 18, 2022	USC	1 person	Abaca technologies, exhibit area, and umbak products
August 30, 2022	Dagami, Leyte	3 persons	Abaca technologies, exhibit area, and umbak products
October 4, 2022	VSU-Horticulture	26 students	Abaca germplasm
October 6, 2022	VSU-Horticulture	26 students	Abaca germplasm
October 7, 2022	VSU	2 students	Abaca technologies, exhibit area, and umbak products
October 19, 2022	VSU	2 students	Abaca technologies, exhibit area, and umbak products
October 21, 2022	OCAS-Maasin	8 government employees and 1 farmer	Abaca Power Stripper and exhibit area
October 25, 2022	VSU-Horticulture	41 students	Abaca technologies, exhibit area, and umbak products
October 27, 2022	Tacloban City	2 persons	Abaca technologies, exhibit area, and umbak products
November 4, 2022	CBC	4 persons	Exhibit area and abaca umbak products
November 8, 2022	Guimaras State University	2 staff and 5 students	Abaca technologies, exhibit area, and umbak products
November 9, 2022	UIMC	1 student	Abaca technologies and abaca research
November 11, 2022	DYDC	1 student	Abaca technologies and abaca research

November 14, 2022	Church of Christ	2 persons	Abaca technologies, exhibit area, and umbak products
December 12, 2022	VSU-DPM	2 students	Abaca technologies, exhibit area, and umbak products
	DAR- Southern Leyte	2 staff	Abaca technologies and Abaca Power Stripper
	TOTAL	**242 clientele**	

Table 5. Number of postharvest processing machines sold

Date Purchased	Name/ Address	Number of Units	Gross Sales (P)
Abaca Power Stripper			
May 30, 2022	Albay Agro-Industrial Development Corporation	1	80,000.00

Table 6. Number of IEC material distributed

Title of publication	Number of copies
Ang Hustong Pang-abakahan	120
Major Pests of Abaca and their Management	120
Abaca Technology brochure	120
NARC RDE	30
Supilin/Sumpoon Natin ang Bunchy-Top o Ugpong	120
Total	**632**

Table 7. List of exhibits participated in

Date	Location
May 24-27, 2022	International Course Program (ICP) South Workshop VSU RDE Hall, Baybay City, Leyte
June 19-23, 2022	UGNAY 2022 Field Validation Team VSU RDE Hall, Baybay City, Leyte
October 12-13, 2022	Agri-Aqua Trade Fair Ormoc City Plaza, Ormoc City
December 6-7 and 14-16, 2022	Agri-Aqua Trade Fair Baybay City, Leyte

Table 8. Online engagement through NARC's FB page

Date	Post	Post reach	Post engagement
July 6, 2022	Training on Abaca GAP and IPM in Brgy. Bitanhuan, Baybay City	1,196	202
	NARC and DPM and DAEEx interns soil sampling	828	178
	NARC researchers meet with Ang Mananampalatayang Gumagawa Inc.	608	96
July 7, 2022	NARC, PhilFIDA, and CAO Baybay site visit in Brgy. Maypatag	1,820	344
	NARC and Kennemer Food International	844	141
July 20, 2022	Training on Abaca GAP and IPM in Brgy. Monterico, Baybay City	884	111
	Abaca Coalition Meeting at Ormoc City Museum	912	136
	Training on Abaca GAP and IPM in Brgy. Gawisan, Maasin City	937	114

Table 9. Number of Tissue-Cultured plantlets distributed/sold

Banana Tissue-Cultured Plantlets			
Date purchased	**Name/Address**	**Volume and Unit Price**	**Gross Sales (P)**
May 4, 2022	George Misa Southern, Leyte	100 pcs Lakatan @ P60/plantlet	6,000.00
May 6, 2022	Cresento Bodo Southern, Leyte	2 pcs Lakatan @ P60/plantlet	120.00
May 11, 2022	Elvira Oclarit Visayas State University	150 pcs Lakatan @ P60/plantlet	9,000.00
June 8, 2022	Marie Martha Lopez Hilongos, Leyte	20 pcs Lakatan @ P60/plantlet	1,200.00
July 11, 2022	No name Hilongos, Leyte	60 pcs Lakatan @ P60/plantlet	3,600.00
July 19, 2022	JP Piamonte No address	20 pcs Lakatan @ P60/plantlet	1,200.00
August 3, 2022	Christian Cagara Gabas, Baybay Leyte	2 pcs Lakatan @ P60/plantlet	120.00
August 4, 2022	No name Biliran, Leyte	10 pcs Lakatan @ P60/plantlet	600.00
August 11, 2022	No name Amguhan, Baybay City	4 pcs Lakatan @ P60/plantlet	240.00
December 9, 2022	No name Abuyog, Leyte	20 pcs Lakatan @ P60/plantlet	1,200.00
December 12, 2022	No name Baybay City, Leyte	8 pcs Lakatan @ P60/plantlet	480.00
	TOTAL	**496 plantlets**	**29,760.00**

APPENDIX B

Field visits

Brgys. Kabunga-an and Ampihanon, Baybay City, Leyte

Brgy. Gaas Ormoc City, Leyte

Brgys. Cabingtan and Milagro, Ormoc City, Leyte

Meetings attended/facilitated

With Kennemer Foods International Inc.

With AMG Phils.

Abaca Coalition meeting in Ormoc City

Trainings conducted

Training on Abaca GAP and IPM in Brgy. Bitanhuan, Baybay City

Training on Abaca GAP and IPM in Brgy. Monterico, Baybay City

Skills Training on Bilao Hanidcraft-making in Mahaplag, Leyte

Training on Abaca GAP and IPM in Brgy. Gawisan, Maasin City

Training on Abaca IPM in Baybay City

Technical briefings





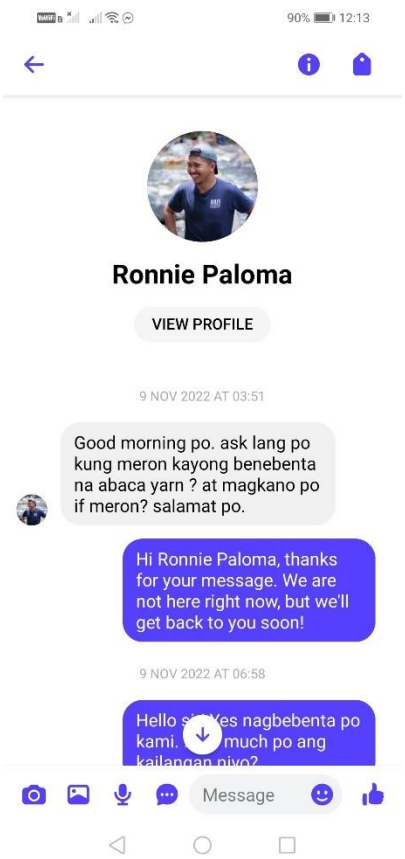


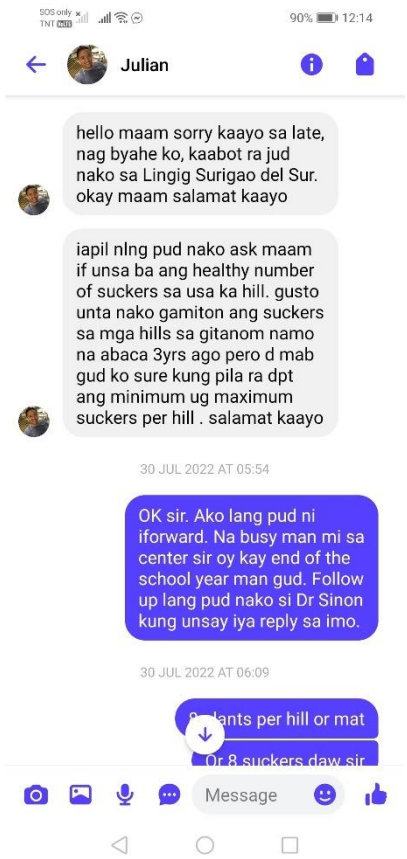

Exhibits

Agri-Aqua Trade Fair
Baybay City, Leyte

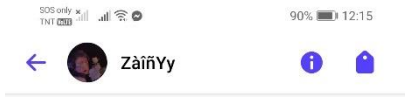
International Course Program (ICP) South Workshop
VSU RDE Hall, Baybay City, Leyte

NARC FB page


90% 12:13
Ronnie Paloma
VIEW PROFILE
9 NOV 2022 AT 03:51
Good morning po. ask lang po kung meron kayong benebenta na abaca yarn ? at magkano po if meron? salamat po.
Hi Ronnie Paloma, thanks for your message. We are not here right now, but we'll get back to you soon!
9 NOV 2022 AT 06:58
Message


90% 12:14
Julian
hello maam sorry kaayo sa late, nag byahe ko, kaabot ra jud nako sa Lingig Surigao del Sur. okay maam salamat kaayo
iapil nlng pud nako ask maam if unsa ba ang healthy number of suckers sa usa ka hill. gusto unta nako gamiton ang suckers sa mga hills sa gitanom namo na abaca 3yrs ago pero d mab gud ko sure kung pila ra dpt ang minimum ug maximum suckers per hill . salamat kaayo
30 JUL 2022 AT 05:54
OK sir. Ako lang pud ni iforward. Na busy man mi sa center sir oy kay end of the school year man gud. Follow up lang pud nako si Dr Sinon kung unsay iya reply sa imo.
30 JUL 2022 AT 06:09
Message


90% 12:14


90% 12:15
ZàîñYy


Trexie
VIEW PROFILE
12 DEC 2021 AT 07:52
Hi Goodmorning. Naa mo avail abaca handbags?
Tap and hold to save as a frequently asked question
13 JAN 2022 AT 13:39
Yes Maam. Sorry sa late response. Karong week pa lang nibalik amo kuryente and internet sa office. Unsa nga bag imo gusto?
Message

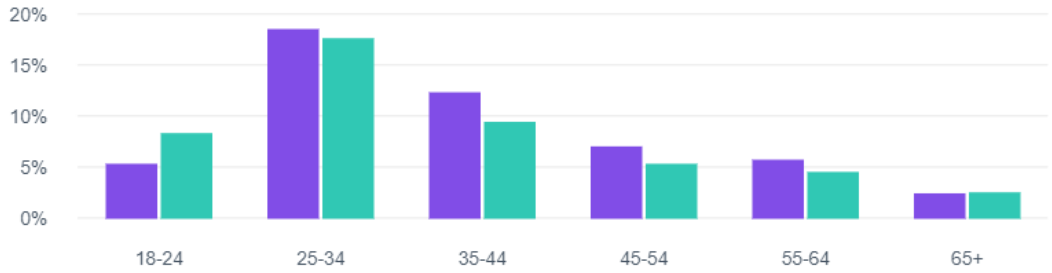

ZàîñYy SöömRo
VIEW PROFILE
26 JUL 2022 AT 21:29
internship program?
Tap and hold to save as a frequently asked question
Please send us an email narc@vsu.edu.ph
Message

Audience

Create a post

Age and Gender

Men 51.90%
Women 48.10%



Location

Cities | Countries

Baybay, Philippines	291
Davao City, Philippines	70
Quezon City, Philippines	54
Cebu City, Philippines	46
Ormoc City, Philippines	38
Tacloban City, Philippines	38
Manila, Philippines	30
Virac, Philippines	28
Cagayan de Oro, Philippines	24
Iligan City, Philippines	23