# department of agriculture AGRICULTURAL TRAINING INSTITUTE REGIONAL TRAINING CENTER III SAN RAMON, DINALUPIHAN, BATAAN



DATA & DIGITAL:
catalyst FOR CIRCULAR
& DIGITAL FOOD systems
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#### **ABOUT THE COVER**

In 2022, the agriculture sector fully embraced the digitalization of agriculture with the use of data as its benchmark in the implementation of its activities and projects. The combination of data and digital served as catalysts for the circular agri-food systems. With this, the combination helps and drives the center to thrive in this new direction of digitalization.

As a testament, the center implemented the 1st Digital Agriculture Congress among Digital Farmers Program (DFP) finishers in the region. The congress aimed to introduce the latest agriculture applications to make the lives of the extension workers and farmers easier.

Maximizing the digital platform, ATI-Central Luzon continued its implementation of the Digital Farmers Program (DFP) roll-out among farmers and youth in each province of Central Luzon. The said projects consist of a ladderized approach in teaching small—scale farmers nationwide with basic digital tools and technologies, particularly social media.

With the rise of digital technologies, ATI-Central Luzon continued to innovate to pursue its main goal as the capacity builder, catalyst and knowledge bank of the agricultural extension system in the region.

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This Annual Report was prepared and submitted by the Information Services Section from the reports submitted by the different sections of ATI-RTC III.





# DATA & DIGITAL: CATALYST FOR CIRCULAR & DIGITAL FOOD SYSTEMS AGRICULTURAL TRAINING INSTITUTE - REGIONAL TRAINING CENTER III 2022 ANNUAL REPORT

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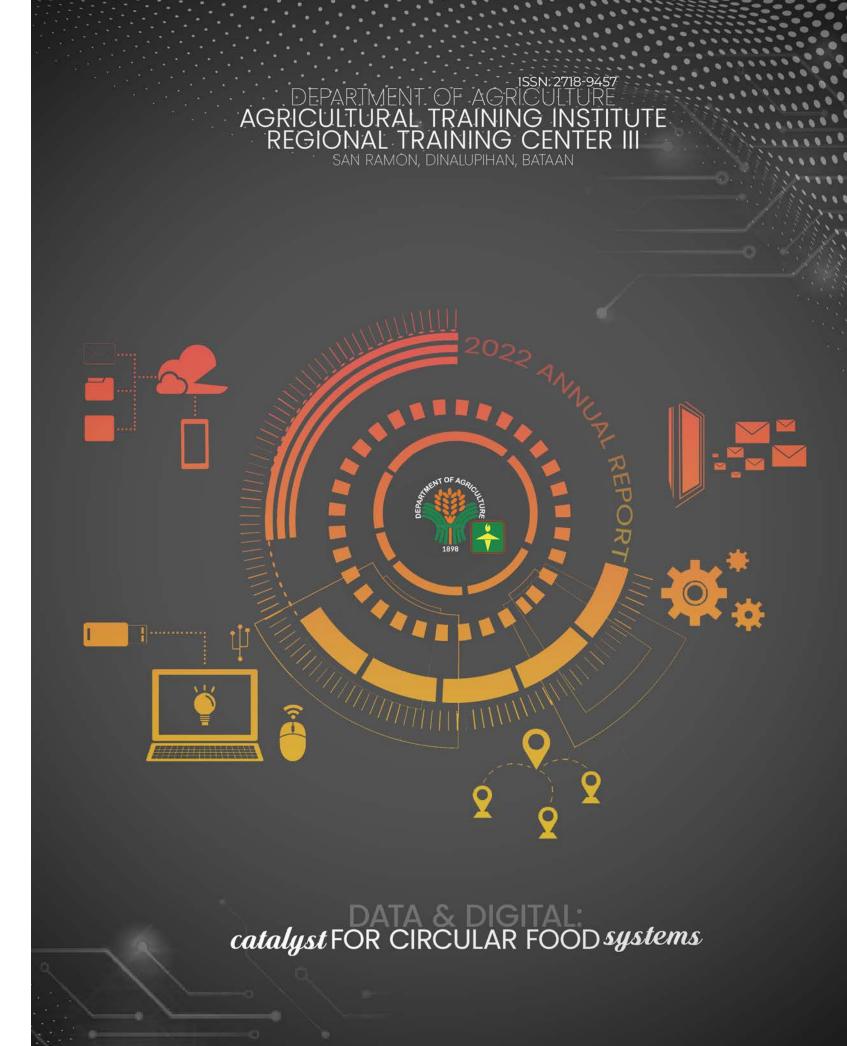
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# message from the GENTER DIRECTOR

Embedding the concept of digitalization of agriculture into our programs has been one of the key priorities of ATI Central Luzon in 2022. Thus, the series of Training of Trainers on Digital Farmers Program and Digital Agriculture Courses, which focused on the use of digital tools and agricultural applications, culminated in a gathering of agricultural extension workers, farmers, and Techno Gabay implementers to shape the digital future of agriculture in the region through the pioneering 1st Digital Agriculture Congress with the theme "Digitalization of Agriculture, Shaping Central Luzon's Digital Future". We have been steadfast in our commitment to promote modernization of agriculture through capacitating our stakeholders in improving their access to information, their efficiencies and their abilities to tap a wide array of opportunities for networking and marketing.

As it is, we shall continue to rely on the transformative capacity of data-driven systems and explore innovative approaches to further the relevance and responsiveness of our programs, projects, and activities in the succeeding years.

Our partnerships and engagements, with NGAs, LGUs, SUCs, and the private sector through our Learning Sites and other partners, have always been anchored on our common aspiration to make the lives of the farmers and their families better.

Behind the milestones of ATI Central Luzon in 2022 are the dedicated and committed men and women who made every goal a reality and every mission a breakthrough.

This report encapsulates the collective hard work and dedication of ATI Central Luzon together with our partners and stakeholders. We look forward to the year 2023 fueled by the drive to make our best even better.





Agricultural Training Institute is the

# CATALYST CAPACITY BUILDER KNOWLEDGE BANK

of the Philippine Agriculture and Fisheries extension system.

The Agricultural Training Institute leads in the professionalization of the Philippine agricultural extension service towards food security and prosperity.

We, in ATI, are committed to uphold our core values, reiterated as follows:



### MISSION

Empowerment and building capacities of agriculture and fisheries stakeholders for sustainable development



### VISION

Food availability and affordability for every Filipino family through excellent extension services in agriculture and fisheries.

# Core Values



CUSTOMER FOCUS
We give the best



INNOVATION AND EXCELLENCE

We keep raising the bar



### COMMITMENT

We serve with passion



### **RESOURCE STEWARDSHIP**

We work with integrity and teamwork

# Agricultural Training Institute MILESTONES

The ATI, with its 16 training centers spread across the archipelago, remains at the forefront in the professionalization of the agriculture and fishery sector, strengthening the agriculture career system, education and training on agribusiness management, and empowerment of the youth and women.

Today, the Institute seeks to execute better extension strategies along the OneDA Reform Agenda of consolidating, modernizing, industrializing, and professionalizing Philippine agriculture.



### 1987 BIRTH OF ATI

The BAEx, the PATC, and the PTCRD were merged and became Agricultural Training Institute (ATI) through the Executive Order No. 116, s. 1987.



# 1989 NETWORK OF TRAINING CENTERS

TRAINING CENTERS

Additional 7 FTCs, 7 Regional
Fishermen's Training Centers (RFTC),
and International Training Center on
Pig Husbandry (ITCPH) were installed.



### 1997

### **REPUBLIC ACT NO. 8435**

ATI's role as the DA's extension and training arm was strengthened with the RA 8435 or the Agriculture and Fisheries Modernization Act (AFMA) of 1997.



### 2007

#### e-EXTENSION PROGRAM

The electronic extension (e-Extension) program for agriculture and fisheries was launched by virtue of Department Order no. 3 series of 2007.



# 2008

### **EXECUTIVE ORDER NO. 338**

The EO rationalized the ATI functions as lead coordinating agency for Agriculture Fisheries programs and services of and the Department of Agriculture.



# **ZUUY**FARMERS CONTACT CENTER

The FCC was launched in Bohol together with partners and farmers.



# ARMS TO FARMS PROGRAM

Launched in Lanao del Sur, the From Arms to Farms Program is aimed at fostering peace through agriculture and fisheries development in conflict areas.



# ZU15 RICE CROP MANA

The RCM mobile phone app was launched. The app is based on NMRice developed by ATI and IRRI in 2012.



### 2019 RCEF-RESP

ATI became the lead agency of the Rice Competitiveness Enhancement Fund's (RCEF) Rice Extension Services Program (RESP).



# ZUZU URBAN AGRICULTURE

The Urban Agriculture Program was launched in line with the DA's Plant, Plant, Plant, Program

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CATALYST CAPACITY BUILDER KNOWLEDGE BANK

#ATICENTRALLUZON #ISHAREKNOWLEDGE #ATIINSPIRE #ATILEADS



# Regular

The following are the activities under the Regular Program in 2022:

- Five (5) batches of Ladderized Training Course on Extension Delivery System (Phase 1): Internalizing the World of Agricultural Extension in ATI-Palayan City, Nueva Ecija and ATI-Bataan, Dinalupihan, Bataan on March 7-11, 2002; April 18-22, 2022; May 30-June 3, 2022; June 6-10, 2022; and October 26-28, 2022.
- Training Course on Production Technology for Leaders of RBOs on April 26-28, 2022 in Brgy. Isidro, Cabangan, Zambales;
- Two (2) batches of Gender Sensitivity
  Training in St. Isidore "The FARMer"
  Resort Inc., Sta. Ana, Pampanga and
  ATI-RTC III, Palayan City, Nueva Ecija on
  March 29-31, 2022 and July 26-28, 2022
  with 25 and 21 participants, respectively;
- Two (2) batches of Training of Trainers on Agripreneurship in Greene Manor, Condotel, Lazatin Blvd., City of San Fernando, Pampanga and ATI-RTC III, Palayan City, Nueva Ecija on June 27-29, 2022 and November 14-18, 2022, respectively;
- Two (2) batches of Ladderized Training Course on Agripreneurship (Phase 2): Product Development cum Financial Literacy in San Clemente, Tarlac and ATI RTC 3, Dinalupihan, Bataan on June 20-22, 2022 and September 28-30, 2022 with 31 participants;
- Two (2) batches of Ladderized Training Course on Agripreneurship (Phase 3): Product Branding and Packaging cum Marketing in Support to GAD in HARBC, Abucay, Bataan and ATI-RTC III, Palayan City, Nueva Ecija on September 13-16, 2022 and October 24-26, 2022 with 30 participants;

- Soft Skills Training for Leaders of RBOs in Pacific Waves Inn, Baler, Aurora on August 8-10, 2022 with 16 participants;
- Soft Skills Training for Leaders of 4H Club in St. Isidore "The FARMer" Resort Inc., Sta. Ana, Pampanga on August 3-5, 2022 with 15 participants;
- 4-H Youth Camp via (Blended) Online via google meet and held in Sitio Bacao, Doña Josefa, Palayan City, Nueva Ecija on November 21-24, 2022 with 130 participants;
- Annual CLAFEN Meeting (RAFEN) in Greene Manor Hotel, City of San Fernando, Pampanga on July 26-27, 2022 with 38 participants;
- Two (2) batches of Provincial AFEN Consultation Meeting in Pampanga and Tarlac on August 30, 2022 and August 31, 2022, respectively, with 34 participants;

The center partnered with seven (7) Learning Sites for Agriculture in each province in Central Luzon in the implementation of Digital Farmers Program (Farmers' level roll-out) among farmer-youth tandems in August until October 2022. The schedule of the said batches are as follows:

- Myriad Farms, Guimba, Nueva Ecija on August 17-19, 2022 with 20 participants;
- TingTano Integrated Farm, San Jose, Tarlac on August 24-26, 2022 with 20 participants;
- Cornerstone Training and Learning Center Corp., Maria Aurora, Aurora on September 6-8, 2022 with 20 participants;
- Angel Tolits Integrated farm, Donacion, Angat, Bulacan on September 21-23, 2022 with 20 participants;



- D'Planners Training Center Inc., Dinalupihan, Bataan on October 5-7, 2022 with 20 participants;
- Alex Paulo's Farm, San Antonio, Zambales on October 11-13, 2022 with 20 participants; and
- New Gen Agri Farm and Training Center, Inc., Lubao, Pampanga on October 24-26, 2022 with 20 participants.

The three-day training activities revolved around the use of smartphones as a supplementary tool in the farming practices using different apps such as area measurement, weather, pest and disease identification, and social media marketing for the products and services.

The goal of the activity is immersing the tenured farmers with the aid of their youth counterparts in navigating the different applications and exploring the product and services promotion through the use of social media.

Through the use of this technology, the transition from mechanized farming to digital farming will be achieved and the sufficiency in the production of different agricultural products can be attained.

 Seven (7) batches of iAgriTV via Facebook Live conducted on the following dates with 50 participants each batch on the following dates: February 17, 2022; March 17, 2022; April 21, 2022; June 17, 2022; July 28, 2022; August 18, 2022; and October 28, 2022;

- Seven (7) batches of e-Learning Orientation done via Google Meet with 50 participants each on the following dates: February 18, 2022; March 29, 2022; May 16, 2022; May 16, 2022; July 25, 2022; July 26, 2022; and August 1, 2022;
- Training on Strategic/Development Planning for PLGUs and Crafting of the Consolidated LGU AFE Development Plans (2023-2028) via Google Meet on October 19, 2022 with 30 participants;
- Capability Building Project on Monitoring and Evaluation for Local Government Units' AFE Stakeholders (FY 2022-2028) via Google Meet on November 28-29, 2022 with 30 participants; and
- Resource Person Development Course in ATI-RTC III, Dinalupihan, Bataan on June 21-24, 2022 with 21 participants.

# **Corn Program**

Under the corn program, the following are the training activities conducted in 2022:

- Four (4) batches of Training of Trainers on Corn Production Technologies on April 25-29, 2022, May 25-27, 2022, June 28-30, 2022, and July 27-20, 2022;
- Training of Trainers-Corn Production Technologies (with Emphasis on Gender and Development) in ATI-RTC III,





Singalat, Palayan City, Nueva Ecija on August 28-31, 2022 with 23 participants;

- Training of Trainers- Cassava Production Technologies on September 7-9, 2022 with 21 participants:
- Farmer Scientist Training Program Phase II in Catillejos, Zambales on August 5-December 22, 2022 with 36 participants;
- Consultation meeting in Greene Manor, City of San Fernando, Pampanga on July 21-22, 2022 with 11 participants; and
- AgriTalk via Facebook Live on May 24-26, 2022 with 350 participants.

The AgriTalk 2022: Zeamaizing Ways on Corn Production, a webinar series on the latest corn production technologies spearheaded by the Agricultural Training Institute-Central Luzon (ATI-CL), reached more than 350 participants including farmers, fishers, youth, women, among others, on May 24-26, 2022 aired via ATI-Central Luzon's Facebook Page.

The 3-day webinar series aimed to: (1) Explain the latest agricultural technologies on yellow and white corn production; (2) Identify various ways in surveillance and management of fall armyworm; and (3) Discuss strategies on corn farm biomass conservation and utilization with emphasis on corn silage and corn-livestock integration.

Mr. Christopher Ryan Banaag, Agriculturist II of City Agriculture Office, Palayan City, discussed the technologies on yellow and white production on the first day. In addition, Mr. Evergilio Aguino, Science Research Specialist II of DA-RCPMC III, shared tips on how to manage Fall Armyworm on the second day. Further, Mr. Roger Austria, Learning Site for Agriculture Cooperator, explained how to make corn silage and discussed strategies on corn-livestock integration on the third day.

# **Organic Agriculture (OA) Program**

For the Organic Agriculture (OA) Program, the Center conducted the following activities in

- Two (2) batches of Training of Trainers on Participatory Guarantee System in ATI-RTC III, Palayan City, Nueva Ecija on May 10-26, 2022 and June 13-24, 2022, respectively, with 49 participants;
- Training Course on Integrated Diversified Organic Farming System in ATI-RTC III, San Ramon, Dinalupihan, Bataan on May 6-10, 2022 with 20 participants;
- Training on Postharvest Quality and Safety Management of Organically Grown Fruits and Vegetables in Brgy. Beddeng, San Narciso, Zambales on July 27-29, 2022 with 22 participants;
- OA Regional Consultation in St. Isidore "The Farmer" Resort, Incorporation,

San Isidro, Sta. Ana, Pampanga with 20 participants;

- Info Caravan in support to OA Month Celebration in BPSU Abucay Campus, Abucay, Bataan with 100 participants; and
- Uplifting the lives of Indigenous People of Zambales through Organic Root Crops and Upland Rice Production and Leadership Training in Sitio Upper Bitago, San Agustin, Iba, Zambales on November 30, 2022 with 20 participants.

# **Rice Program**

In 2022, the following are the activities under the Rice Program conducted by the Center in the region:

- Five (5) batches of Capability Enhancement for Farmer Leaders in the following venues:
  - o Subic Bay Peninsular Hotel, SBMA, Zambales on May 18-20, 2022 with 30 participants;
  - o Subic, Zambales on June 21-23, 2022 with 30 participants;
  - o Sunshine Grandeur Corp., Mc Arthur Hiway Balibago, Angeles City, Pampanga on July 20-22, 2022 with 30 participants;
  - o Guimba, Nueva Ecija on August 24-26, 2022 with 30 participants;
  - Jollydays Hotel, San Jose City, Nueva Ecija on October 19-21, 2022 with 30 participants;
- Three (3) batches of Training of Trainers on Climate Resiliency Farm Business

School in Greene Manor, Condotel, Lazatin Blvd., City San Fernando, Pampanga on March 07-18, 2022, May 18-27, 2022, and August 17-26, 2022, respectively, with 30 participants each batch:

- Six (6) batches of Refresher Course for AEWs on April 4-8, 2022, May 31-June 3, 2022, June 7-10, 2022, September 5-9, 2022, October 25-28, 2022, and November 15-18, 2022 with 30 participants each batch;
- Two (2) batches of Training of Trainers on Digital Farmers Program in Baler, Aurora and ATI-RTC III, Palayan, City, Nueva Ecija on June 6-10, 2022 and July 16-22, 2022, respectively, with 20 participants each batch:
- Rice Crop Manager Campaign (Training) on Rice Crop Manager Advisory Services) in C & J Sunset View Resort, Botolan, Zambales on May 17-20, 2022 with 20 participants; and
- Two (2) batches of Training Course on Inbred Rice Seed Production and Certification for Prospective Inbred Rice Seed Growers in Region III in Savannah Resort Hotel, Don Juico Avenue, Malabanias, Angeles City, Pampanga and ATI-RTC III, Satellite Center, Brgy. Singalat, Palayan City, Nueva Ecija on July 25-29, 2022 and September 12-16, 2022, respectively, with 31 participants each batch.





# Rice Competitiveness Enhancement Fund (RCEF)

For the Rice Competitiveness Enhancement Fund (RCEF), the following are the training activities implemented in 2022:

- Four (4) batches of Training of Trainers on Production of High-Quality Inbred Rice and Seeds, and Farm Mechanization held in ATI-RTC III, Palayan City, Nueva Ecija on the following schedules:
  - o March 14-25, 2022 with 29 participants;
  - o May 15-27, 2022 with 31 participants;
  - o July 31-August 12, 2022 with 30 farmer-participants; and
  - o Oct 2-14, 2022 with 30 farmerparticipants; and
- Refresher Course on Digital Agriculture Course (DAC) in ATI-RTC III, Satellite Center, Brgy. Singalat, Palayan City, Nueva Ecija on October 19-21, 2022 with 20 participants;
- Training of Trainers on Digital Agriculture Course (DAC) in ATI-RTC III, Palayan City, Nueva Ecija on April 18-22, 2022 with 21 participants.

The Agricultural Training Institute – Central Luzon (ATI-CL) enhanced the skills of 20

RCEF-LSA Cooperators and youth farmer tandems in digital farming through Training of Trainers on Digital Agriculture Course (DAC).

The DAC consists of two courses, the DAC 101 and DAC 102. The DAC 101 focused on the use of smartphones, a step-by-step guide on how to access the internet, internet safety and security, basic ICT Tools in rice farming, and introduction to social media marketing.

Moreover, the DAC 102 is an upgraded course that emphasizes more agri-apps and websites, advanced social media marketing, poster making through Canva, e-Commerce, and online payment transactions.

The said training is anchored with the Rice Extension Services Program of Rice Competitiveness Enhancement Fund and is expected to be rolled out as part of a training course under Farmers' Field School of RCEF.

# High Value Crops Development Program (HVCDP)

The following are the training activities conducted under the High Value Crops Development Program (HVCDP):

• Three (3) batches of High Value Crops Priority Commodity in Tarlac Agricultural University, Camiling, Tarlac; Pacific Waves Inn, Baler, Aurora; and ATI-RTC III, Dinalupihan, Bataan on April 4-8,

2022, June 13-17, 2022, and August 23-26, 2022, respectively, with a total of 83 participants;

- Two (2) batches of Specialized Training/ Refresher Course on High Value Crops Priority Commodity in Duran Farm, San Ildefonso, Bulacan and Iba, Zambales on May 25-27, 2022 and September 20-22, 2022, respectively, with 25 participants per batch;
- AgriTalk on High Value Crops Development Program via Facebook Live on September 14-16, 2022 with 380 participants;
- Seminar on Herbs and Spices Production in Sitio Bacao, Barangay Doña Josefa, Palayan City, Nueva Ecija on November 22-24, 2022 with 21 participants;
- Gulayan Kontra Kagutuman: Training Course on FAITH (Food Always in the Home) Gardening in Villar Sipag Farm School, San Jose del Monte, Bulacan on November 28-30, 2022 with 25 participants; and
- Capacity Building on Urban Food Production in Prado Siongco, Lubao, Pampanga on December 1, 2022 with 21 participants.

# **Livestock Program**

Under the Livestock Program, the center implemented the following activities in 2022:

- Seven (7) batches of BABay ASF: Seminar on Biosecurity and Surveillance and Sample Collection held via Google Meet on March 10, 2022 with 140 participants;
- Thirteen (13) batches of BABay ASF: Training on Specimen Collection for Barangay Biosecurity Officers conducted on the following schedule:
  - o Hotel Consuelo, Sta. Rosa, Nueva Ecija on February 21-22, 2022 with 20 participants:
  - o Tarlac Agricultural University, Camiling, Tarlac on February 24-25, 2022 with 20 participants;
  - o Bulacan Agricultural Training Center Inc. (BATCI), Balasing Sta. Maria, Bulacan on March 16-17, 2022 with 16 participants;
  - o Dan-Mel Resort, San Marcelino, Zambales on March 21-22, 2022 with 16 participants;
  - o La Vista Resort, Balanga City, Bataan on March 23-24, 2022 with 21 participants;
  - o Casa Prescilla, Baler, Aurora on March 29-30, 2022 with 20 participants;





- o San Isidro, Sta. Ana, Pampanga on April 04-05, 2022 with 21 participants;
- o Sta. Rosa, Nueva Ecija on April 7-8, 2022 with 21 participants;
- o Barangay Inhobol, Masinloc, Zambales on April 19-20, 2022 with 20 participants;
- o The Plaza Hotel Balanga City, Bataan on April 21-22, 2022 with 20 participants;
- o Casa Prescilla, Baler, Aurora on April 26-27, 2022 with 20 participants;
- o Barangay Basuit, San Ildefonso, Bulacan on May 10-11, 2022 with 20 participants; and
- o Barangay Burgos, San Jose, Tarlac on May 12-13, 2022 with 21 participants;
- Five (5) batches of BABay ASF: Seminar on Quantum Geographic Information System (QGIS) with 20 participants each:
  - o Consuelo's Filipino-Chinese Restaurant, Sta. Rosa, Nueva Ecija on May 25-26, 2022;
  - o The Plaza Hotel, Balanga City, Bataan on May 30-31, 2022;
  - o Subic Bay Peninsular Hotel, SBMA, Zambales on June 16-17, 2022;
  - o Casa Prescilla, Baler, Aurora on June 20-21, 2022; and
  - o North Star Hotel, Tarlac City, Tarlac on June 23-24, 2022;
- Two (2) batches of Training for Data Encoders (Philaimis) in City of San Fernando, Pampanga on July 12-14, 2022 and August 3-5, 2022 with 20 participants each batch;

- Honey to Money: A training on basic beekeeping in ATI-RTC III, Palayan City, Nueva Ecija on August 24-26, 2022 with 20 agricultural extension workers as participants;
- 1-day Seminar on Artificial Insemination in The Bunker, Capitol Drive, Balanga City, Bataan on August 30, 2022 with 22 participants;
- Training on Climate Smart Livestock Farming System (with emphasis on Gender and Development) in Sabang, Baler, Aurora on September 21-23,2022 with 21 participants;
- Training of Trainers on Farm Business School (FBS)-Livestock for Livestock Extension Workers in City of San Fernando, Pampanga on September 28-30, 2022 with 17 participants;
- Training on Free-range chicken (Farm Family Modeling) in ATI RTC III, San Ramon, Dinalupihan, Bataan on October 26-28, 2022 with 20 participants;
- Seminar on Rabbitry Production and Enterprise Development in ATI RTC III, San Ramon, Dinalupihan, Bataan on October 31, 2022 with 20 participants;
- Training on Herd Management and Ethoveterinary in President Ramon Magsaysay State University (PRMSU), San Marcelino, Zambales with 20 participants; and



 Consultative Meeting with Stakeholders via Google Meet on February 28, 2022 with 20 participants.

# Binhi ng Pag-asa Program (BPP)

The following are the activities conducted under the Binhi ng Pag-asa Program in 2022:

- One (1) batch of Training of Trainers on Free-range Chicken Production for Binhi ng Pag-asa Beneficiaries in Balanga City, Bataan on September 14-16, 2022 with 30 youth as participants;
- Two (2) batches of Training of Trainers on Goat Production for Binhi ng Pag-asa Beneficiaries in Camiling, Tarlac with 30 youth as participants per batch;

The Agricultural Training Institute-Central Luzon (ATI-CL), through the initiative of the Office of Senator Grace Poe (OSGP), opened opportunities for the youth of Bataan and Tarlac through the implementation of the Binhi ng Pagasa Program (BPP).

ATI-CL, OSGP, with the help and support of Provincial Government of Bataan and Tarlac and Bataan Peninsula State University (BPSU) and Tarlac Agricultural University (TAU), respectively, implemented provincial training entitled "Training of Trainers on Goat and Free-Range Chicken Production for Binhi ng Pag-asa Program."

At the end of the training, the participants submitted an action plan of their proposed project for their respective communities which served as their main requirement for receiving their individual agricultural starter-kits (goats and freerange chicken).

As completers of provincial training, the participants shared and used their learnings to help every youth in their respective communities to engage in agriculture. With this, apart from their agriculture modules, training on leadership



and values formation were provided to prepare them to be the future leaders of their generation.

With this, the following municipal trainings were conducted after the provincial training:

- 17 batches of Municipal Training on Goat Production for Binhi ng Pag-Asa Program Beneficiaries in Tarlac Agricultural University (TAU), Camiling, Tarlac from August 12 until November 16, 2022 with 25 participants each batch; and
- 17 batches of Municipal Training on and Free-Range Chicken Production for Binhi ng Pag-asa Beneficiaries in Balanga City, Bataan from September 19 until October 29, 2022 with 25 participants each batch.

The province of Tarlac and Bataan were two of the chosen provinces for this year's program following its first implementation in 2017.

These training activities under the BPP are instrumental in fulfilling the goal of gradually mending the constant decline of Filipinos engaged in agriculture, alongside the growing generational gap among farmers.

# **Coconut Farmers and** Industry Trust Fund (CFITF)

The farmers in Central Luzon have been immersed in the Coconut Farmers and Industry

Development Plan (CFIDP) through a series of information caravans in October 2022.

Implemented in seven (7) selected municipalities in the region, the information caravan's goal is to spread awareness among coconut farmers and stakeholders about CFIDP. The schedule is as

- Casiguran, Aurora October 4, 2022;
- Maria Aurora, Aurora October 7, 2022;
- Dingalan, Aurora October 10, 2022;
- Orani, Bataan October 13, 2022;
- Bagac, Bataan October 18, 2022;
- San Felipe, Zambales October 21, 2022; and
- Botolan, Zambales October 26, 2022

CFIDP aims to benefit 2.5 million coconut farmers and their families through its different program components. With its whole-of-government approach, several government agencies converged and facilitated the implementation of CFIDP in which the information caravan is part of

CFIDP is composed of various components to be realized by the Philippine Coconut Authority (PCA) and its partner agencies: 1. Social Protection; 2. Coconut Farmers Organization and Development; 3. Hybridization; 4. Communitybased Farm Enterprise Development: Farm Rehabilitation and Improvement; 5. Integrated Coconut Processing and Downstream Products; 6. Innovative Research Projects and their Practical Application on Coconut Processing, Production, and Distribution; and 7. Support Services.

Together with PCA and Agricultural Training Institute (ATI), the following government agencies are involved in the implementation of the program: Philippine Crop Insurance Corporation (PCIC), PhilHealth, Commission on Higher Education (CHED), Technical **Education and Skills Development Authority** (TESDA), Cooperative Development Authority (CDA), Department of Science and Technology-PCAARRD (DOST-PCAARRD), Bureau of Animal Industry (BAI), National Dairy Authority (NDA), Department of Agriculture-HVCDP, Development Bank of the Philippines (DBP), Land Bank of the Philippines (LBP), Philippine Center for Postharvest Development and Mechanization (PHilMech), Department of Public Works and Highways (DPWH), and Department of Trade and Industry (DTI).

Following the implementation this year, another batch of information caravans on CFIDP will be conducted in Central Luzon the following year.

# **Provincial-led Agriculture** and Fisheries Extension System (PAFES)

Six (6) batches of Partnership Building and **Engagement: Initial Engagement and Briefing** of Provincial Local Government Unit for the Establishment of Provincial-led Agriculture and Fisheries Extension System (PAFES) held on the following schedule:

- Crown Royale, Balanga City, Bataan on March 8, 2022 with 20 participants;
- The Orchid Gardens, City of San Fernando, Pampanga on March 9, 2022 with 20 participants;
- Balin Sambali, Iba, Zambales on March 10, 2022 with 20 participants;
- DA-CLIARC ROS, Paraiso, Tarlac City, Tarlac on March 15, 2022 with 20 participants;
- Provincial Capitol of Aurora, Baler, Aurora on March 17, 2022 with 20 participants; and
- Hotel Consuelo, Sta. Rosa, Nueva Ecija on April 5, 2022 with 20 participants.

The Center and the Department of Agriculture – Regional Field Office (DA-RFO III) spearheaded the conduct of the Provincial-Led Agriculture and Fisheries Extension System (PAFES) initial engagement and briefing among selected provinces in Central Luzon from March 8 until April 5, 2022.

Thirty (30) participants per province from different offices/agencies such as Office of the Provincial Agriculturist (OPA), Provincial Local Government Unit (PLGU), Sangguniang Panlalawigan, Provincial Veterinary Office (PVO), State Universities & Colleges (SUCs), Bureau of Fisheries and Aquatic Resources (BFAR 3), Provincial Agriculture and Fisheries Coordinator (PAFC), and Provincial Planning & Development





Office (PPDO), President of League of Mayors and President of Municipal/City Agriculturists attended the said activity.

The overview, scope and coverage, implementation strategies for the operationalization of PAFES, various committees to be established, stakeholder's identification, beneficiaries, and other relevant matters were presented during the activity.

Mr. Henry Ilagan, Planning Officer III of DA-RFO III, discussed the said presentation in the legs in Bataan, Pampanga, Zambales, and Aurora. Meanwhile, Ms. Jasmine Bathan, PDO II of DA RFO III, explained the said topics in Tarlac. Further, Dr. Arthur Dayrit, Director III of DA RFO III, graced the activity for the provinces of Bataan, Tarlac, Nueva Ecija, and Pampanga.

For the Nueva Ecija leg, since the initial engagement to the PLGUs of Nueva Ecija was already conducted prior to the insertion of PAFES and the Rural Rapid Appraisal (RRA) has already been conducted by the Central Luzon State University (CLSU), the activity focused on the presentation of RRA result. Dr. Ma. Excelsis Orden, Vice President for Research, presented the RRA results. She gave emphasis on the areas to be improved such as competency of the personnel at the Municipal Agriculture Office regarding program planning, knowledge on technical subjects; and statistical software and analysis. The production of priority commodities with corresponding data was also discussed.

As a result, the PLGUs pledged their full support in the creation of PAFES in their respective

provinces. The initial engagement and briefing of stakeholders will be the next activity to be conducted for this endeavor.

Over the years, ATI has created sustained interest in pursuing AFE reforms. In doing this, it has partnered with the Coalition for Agricultural Modernization in the Philippines, Inc. (CAMP), a private voluntary organization instrumental in catalyzing the establishment of PAFES. PAFES shall serve as the institutional arrangement in pursuing the full devolution of AFE services to LGUs, integrating the implementation of agriculture and fisheries programs and related support services at the provincial level. It further aims to strengthen the capability of LGUs to plan and implement multiple agriculture and fisheries programs with the province as the center for operations given the full devolution of AFE services to LGUs as mandated by EO 138.

PAFES has been piloted in the province of Bulacan in 2021. As a prelude to the Mandanas-Garcia Ruling implementation, this initiative will be replicated in the remaining six (6) provinces in region 3 in 2022.

- Six (6) batches of Engagement of Stakeholders of Pampanga for the Establishment of Province-led Agriculture and Fisheries Extension System (PAFES) held on the following schedule:
  - o BPSU Main Library, Balanga City, Bataan on April 6, 2022 with 25 participants;
  - o Provincial Agriculture Office, Iba, Zambales on April 20, 2022 with 25 participants;

- o Provincial Capitol, Baler, Aurora on April 22, 2022 with 25 participants;
- o Diwa ng Tarlac, Tarlac City, Tarlac on April 26, 2022 with 25 participants;
- o Otel Pampanga, City of San Fernando, Pampanga on April 28, 2022 with 25 participants;
- o Philippine Carabao Center, Science City of Muñoz, Nueva Ecija on June 21, 2022 with 25 participants;
- Six (6) batches of Stakeholder Consultations and Workshops: Institutionalization of PAFES:
  - o The Plaza Hotel, Balanga City, Bataan on May 24-25, 2022 with 39 participants;
  - o Otel Pampanga, City of San Fernando, Pampanga on June 23-24, 2022 with 42 participants;
  - Subic Bay Peninsular Hotel, Subic, Zambales on May 31-June 1, 2022 with 38 participants;
  - Starhomes Hotel Resort, Tarlac City, Tarlac on June 16-17, 2022 with 37 participants;
  - o Carlito's Inn, Baler, Aurora on June 8-9, 2022 with 37 participants; and
  - o Philippine Carabao Center, Science City of Muñoz, Nueva Ecija on June 21-22, 2022 with 59 participants
- Six (6) batches of Organization and Management Set-up for the Provinceled Agriculture and Fisheries Extension Center (PAFEC):

- o Bataan August 5, 2022 with 35 participants;
- o Pampanga October 12, 2022 with 39 participants;
- o Zambales August 3, 2022 with 42 participants;
- Tarlac with 34 participants;
- o Aurora August 11, 2022 with 34 participants; and
- o Nueva Ecija August 2, 2022 with 50 participants.
- Seven (7) batches of Mapping out of Collaborative Provincial Agriculture and Fisheries Extension Program (CPAFEP):
  - o Acropolis North Water Camp & Country Club, Cabanatuan City, Nueva Ecija on September 13-19, 2022 with 30 participants;
  - **Emshienell Beach Resort and Event** Place, Amungan, Iba, Zambales on September 15-16, 2022 with 30 participants:
  - o Limbagang Pinpin Museum, Abucay, Bataan on September 21-23, 2022 with 30 participants;
  - o St. Isidore the FARMer & Resort, Santa Ana, Pampanga on October 13-14, 2022 with 30 participants;
  - o Azbahaen Leisure Farm, Baler, Aurora on December 12-13, 2022 with 40 participants;
  - Tarlac State University, Tarlac City, Tarlac on December 13-14, 2022 with 30 participants;





- o Bulacan Agricultural State College, Pinaod, San Ildefonso, Bulacan on December 15-16, 2022 with 41 participants;
- Briefing of Provincial Local Government Unit for the Establishment of Provinceled Agriculture and Fisheries Extension System (PAFES) in Klir Waterpark Resort and Hotels, Kabilang Bakood, Sta. Rita, Guiguinto, Bulacan on Septeamber 9, 2022 with 43 participants; and
- Institutionalization of PAFES & Organizational Management Set-up: Stakeholders Consultation and Workshop for Bulacan in Bulacan Agricultural State College, Pinaod, San Ildefonso, Bulacan on October 21, 2022 with 65 participants.

# **Supplemental Activities**

- Training on Direct Marketing and Digital Marketing (in support of the F2C2 Program) in Subic Bay Travelers Hotel and Event Center Inc. Subic Bay Freeport Zone, Olongapo City, Zambales on September 19-23, 2022;
- Digital Farmers Program in ATI-RTC III, Palayan City, Nueva Ecija on October 17-19, 2022 with 20 farmer-participants;
- Training on Farm Management (in support to F2C2 Program) in Greene Manor, Lazatin Blvd., City of San Fernando, Pampanga on August 30-31, 2022 with 20 participants;

# **Scholarships**

### **EAsY Agri Scholarship**

The Center, in partnership with local government units and state universities and colleges (SUCs) in the region, granted the EAsY (Educational Assistance for the Youth) Agri Scholarship to 14 agriculture, fisheries, and agricultural and biosystems engineering students in Central Luzon.

Out of several applicants, the 14 students who qualified are as follows: (1) Desiree Joi D. Duque [BSA]; (2) Jessa D. Rafael [BSA]; (3) Mark Joshua C. Ordonio [BSA]; (4) Alliah Jhean M. Francisco [BSA]; (5) Trina Margarich E. Agustin [BSABE]; (6) Edzel L. Lugtu [BSABE]; (7) Adrian P. Bautista [BSABE]; (8) Nicole J. Andres [BSAB]; (9) Dave Lawrence E. Santos [BSABE]; (10) Lei Maxene DJ. Espiritu [BSABE]; (11) Arabella Grace G. Predog [BSABE]; (12) Kristine A. Mena [BSABE]; (13) Josh Samuel E. Requiero [BSABE]; and (14) Jolo B. Manalo [BSABE].

An orientation and MOA signing of the scholars with their parents was implemented on September 18, 2022 in ATI-RTC III Compound, San Ramon, Dinalupihan, Bataan.

The qualified scholars are incoming freshmen from SUCs of Region 3: five (5) scholars in Bataan Peninsula State College (BPSU), two (2) scholars in Central Luzon State University (CLSU), one (1) scholar in Pampanga State Agricultural University (PSAU), two (2) scholars in Bulacan Agricultural State College (BASC); and four (4) scholars in Tarlac Agricultural University (TAU).

They are entitled to benefits and privileges that include payment for tuition fees, monthly stipend, lodging allowance, and book allowance every semester. In addition, they will also receive Php 10,000 research allowance and graduation fees payment.

The scholarship is intended to support children of small-scale farmers and fishers in the region. It aims to encourage capable and deserving youth to pursue studies and professional careers in agriculture, fisheries, agricultural and biosystem engineering, and other related fields or venture in agri-enterpreneurship.

This is the second batch of scholars for the Easy Agri Scholarship following its first batch in 2020.

### **EdGE Scholarship**

Ten (10) extension workers from Central Luzon bagged the Educational Grants for Extension Workers (EdGE) and signed their scholarship service contracts spearheaded by the Agricultural Training Institute-Central Luzon (ATI-CL) on September 22 and September 29, 2022.

Six (6) individuals qualified for the master's degree namely Ms. Krizzell D. Galang of ATI-CL; Ms. Jovette C. Caballero of Municipal Agriculture Office-San Rafael, Bulacan; Ms. Maribel Miranda and Ms. Raquel Manalo of City Agriculture and Veterinary Office of City of San Fernando, Pampanga; Dr. Philip Francis N. Casao of the Provincial Veterinary Office of Aurora; and Mr. Christopher Ryan G. Banaag of the City Agriculture Office of Palayan City, Nueva Ecija.

In addition, the remaining four (4) individuals qualified for the doctorate degree with their school of choice. Mr. Alvin A. Butay of the Municipal Agriculture Office of Anao, Tarlac; Ms. Teresita J. Bajas of Tarlac Agricultural University; Mr. Jessie Jhon L. Piayo of the Municipal Agriculture Office of Paniqui, Tarlac; and Ms. Trizia P. Baltazar of Municipal Agriculture Office of Porac, Pampaga bagged the said scholarship for the doctorate degree.

EdGE is the provision of scholarships for Graduate Degree Programs, specifically Master's and Doctorate Degrees, for deserving and capable AEWs from the Department of Agriculture (DA), State Universities and Colleges (SUCs) and Local Government Units (LGUs) to pursue higher education towards Agriculture and Fisheries (AF).

The scholars are entitled to the following benefits: a. full basic salary and other benefits from his/ her agency for the duration of the scholarship; b. matriculation and other school fees; c. monthly stipend; d. book/internet allowance; e. thesis/ dissertation allowance; and f. graduation fees.

In terms of coverage, the EdGE allows the master's degree scholars to pursue their selected course program for two (2) years for full-time, and three (3) years if part-time. For the doctorate degrees, the scholars are only allowed to finish their course programs for three (3) academic years for full-time, and four (4) years for part-time.

Prior to the orientation and contract signing, the scholars have undergone an evaluation and interview through the ATI-CL Scholarship Committee in August 2022.





Focusing on the provision of technology demonstration services, this area is the most effective way to introduce and showcase the success of a new and innovative technology or practice, its processes, techniques, and end results to individuals and communities. This area also encourages innovations to thrive as new farming systems are applied and integrated as a result of exhibit demonstrations.

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# **Learning Sites for Agriculture (LSA)**

As part of the ladderized approach to extension service, the ATI Central Luzon supports the development of rural farms by certifying them as LSA that serve as demonstration areas for hands-on learning. The following are the LSAs enhanced in 2022:

| NO  | NAME OF OUT   | EXACT LOCATION |               |                                  | 0000504700   |  |
|-----|---|----------------|---------------|----------------------------------|--|--|
| NO. | NAME OF SITE  | PROVINCE       | MUNICIPALITY  | BARANGAY                         | COOPERATOR   |  |
| 1   | Bausa Integrated Farm                                   | Bulacan        | San Ildefonso | 32 Sulucan St.,<br>Brgy. Gabihan | Luis D. Bausa  |  |
| 2   | Merryland Farm and Pavillion                            | Bulacan        | Pulilan       | Old Cagayan Valley Road,         | Jian Carlo S.J Castillo                              |  |
| 3   | TGI Technical School                                    | Bulacan        | Baliuag       | Sabang                           | Evelyn C. Salvador                                   |  |
| 4   | Herd & Plough Farm "Bukid ni<br>Tatay" Corp.            | Zambales       | Botolan       | Paudpod                          | Bernardo R. Sabangan                                 |  |
| 5   | World of Wonderful Farm Encounter inc. (WoW Farms)      | Tarlac         | Paniqui       | Purok United,<br>Patalan         | Juan Miguel Araneta                                  |  |
| 6   | Abuela's Twin Creeks Farm                               | Bulacan        | San Miguel    | Malibay                          | Rafael Nic C. Sta Rita                               |  |
| 7   | Sunnyside Training Center and Integrated Farms          | Pampanga       | Porac         | Planas                           | Johanna Bulanadi                                     |  |
| 8   | Teves Integrated Family Farm                            | Zambales       | lba           | Sta. Barbara                     | Maria Rigena T. Teves                                |  |
| 9   | Duque Integrated Farm                                   | Nueva Ecija    | Laur          | Brgy. San Felipe                 | Christian D. Duque                                   |  |
| 10  | MAFSA Farms   | Aurora         | Maria Aurora  | Bangco                           | Joselito N. Apolonio                                 |  |
| 11  | ReyMay Riverside Agri Farm                              | Nueva Ecija    | Rizal         | San Gregorio                     | Reynaldo R. Lapat                                    |  |
| 12  | Axis Dairy Farm   | Bulacan        | San Miguel    | Partida                          | Alejandro B. Leoncio                                 |  |
| 13  | Cornerstone Training and<br>Learning Center Corporation | Aurora         | Maria Aurora  | Brgy. 4                          | Cornerstone Training and Learning Center Corporation |  |

Table 1. List of LSAs established in 2022

#### Continuation of Table 1: List of LSAs established in 2021

|     | Continuation of Table 1. List of Established in 2021       |                |                   |               |                                  |
|-----|--|----------------|-------------------|---------------|----------------------------------|
| NO. | NAME OF SITE   | EXACT LOCATION |                   |               | COOPERATOR                       |
| NO. |  | PROVINCE       | MUNICIPALITY      | BARANGAY      | COOPERATOR                       |
| 14  | Sawat Overseas Worker and Family Association (SOWFA-OFC)   | Tarlac         | Camiling          | Brgy. Sawat   | SOWFA OFW Farmers<br>Farm School |
| 15  | New Gen Agri Farm  | Pampanga       | Lubao             | San Francisco | Eugene Q. David                  |
| 16  | Lacson Integrated Farm                                     | Pampanga       | Sto. Tomas        | San Vicente   | Ernesto D. Lacson                |
| 17  | IGB's Farm   | Nueva Ecija    | General Natividad | San Pedro     | Gregoria B. Bautista             |
| 18  | R.C.R Farm   | Nueva Ecija    | Jaen              | Sta. Rita     | Renato DC. Ramos                 |
| 19  | Yesha Seed Sower's Farm                                    | Nueva Ecija    | Palayan City      | Aulo          | Bernadette G. Capule             |
| 20  | Myriad Farms   | Nueva Ecija    | Guimba            | Triala        | Viola Fern U. Sebastian          |
| 21  | Bonagua Integrated Farm                                    | Bataan         | Hermosa           | Balsik        | Darwin B. Bonagua                |
| 22  | Honmax Integrated Farm                                     | Pampanga       | Candaba           | Lanang        | Honorato S. Martin               |
| 23  | Marsus Integrated Farm                                     | Pampanga       | San Luis          | San Jose      | Marlene G. Bernardino            |
| 24  | Levies Integrated Farm                                     | Pampanga       | Bacolor           | Maliwalu      | Levita E. De Leon                |
| 25  | ATI -RTC III, Brgy. Singalat,<br>Palayan City, Nueva Ecija | Nueva Ecija    | Palayan City      | Singalat      | ATI-RTC III                      |
| 26  | ATI-RTC III, San Ramon,<br>Dinalupihan, Bataan             | Bataan         | Dinalupihan       | San Ramon     | ATI-RTC III                      |

The following are the established LSAs under RCEF in 2022:

| NO. | NAME OF SITE            | EXACT LOCATION |              |                   | COOPERATOR            |
|-----|-------------------------|----------------|--------------|-------------------|-----------------------|
| NO. |                         | PROVINCE       | MUNICIPALITY | BARANGAY          | COOPERATOR            |
| 1   | Bonagua Integrated Farm | Bataan         | Hermosa      | Balsik            | Darwin B. Bonagua     |
| 2   | Marsus Integrated Farm  | Pampanga       | San Luis     | San Jose          | Marlene G. Bernardino |
| 3   | Honmax Integrated Farm  | Pampanga       | Candaba      | Lanang            | Honorato S. Martin    |
| 4   | Levie's Integrated Farm | Pampanga       | Bacolor      | Bankal, Maliwalis | Levita E. De Leon     |

**Table 2.** List of RCEF LSAs established in 2022



# Stablishment 2022 Learning Site for Agriculture (LSA) and Farmers' Information and Technology Services (FITS) Center





**AURORA** 



# ESTABLISHED LSA ON RCEF

- Bonagua Integrated Farm Hermosa, Bataan
- Levie's Integrated Farm Bacolor, Pampanga
- Marsus Integrated Farm
  San Luis, Pampanga
- Honmax Integrated Farm Candaba, Pampanga



- FITS Center Casiguran
  Casiguran, Aurora
- FITS Center San Jose
  San Jose, Tarlac
- FITS Center Mexico Mexico, Pampanga
- FITS Center Baliuag
  Baliuag, Bulacan
- FITS Center Bocaue
  Bocaue, Bulacan



- FITS Center Dilasag
  Dilasag Aurora
- FITS Center Nampicuan
  Nampicuan, Nueva Ecija
- FITS Center Moncada Moncada, Tarlac
- FITS Center Sta. Cruz Sta. Cruz, Zambales
- FITS Center Subic Subic, Zambales



- Angel-Tolits Integrated Farm
  Angat, Bulacan
- Merryland Integrated Farm and Training Center Pulilan, Bulacan
- Teves Integrated Family Farm Iba, Zambales
- Golden Pats Integrated Farm Sto. Domingo, Nueva Ecija



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# FITS Center Enhancement through Agriculture Magazine Subscription

A total of 15 FITS Centers and Knowledge Resource Center (KRC) in Central Luzon has been enhanced through the subscription of Agriculture Magazine.

# **Young Filipino Farm Leaders Training Program**

Mr. Alexis Virrey, 4-H Club Member of Baler, Aurora, passed the National Examination for the Young Filipino Farm Leaders Training Program in Japan (YFFLTPJ) on November 29, 2022 in ATI-RTC III, Dinalupihan, Bataan.

The YFFLTPJ is a partnership between the Department of Agriculture, and Japan Agricultural Exchange Council (JAEC). It aims to develop deserving young Filipino farmers to become farmer leaders and empowered agricultural entrepreneurs.

## 4-H Garden

The Center partnered with the FITS Center in Palayan City through Ms. Esmenia Lulu, City Agriculturist and Mr. Christopher Ryan Banaag, Agriculturist II, in the establishment of model 4-H Garden in ATI Satellite Center in Brgy. Singalat, Palayan City, Nueva Ecija.

The partnership aimed to give the 4-H Club in Brgy. Singalat the opportunity to expose the children into taking agriculture and agribusiness when they reach college or when they opt to pursue higher education.

## 4-H Club Re-orientation

ATI-CL conducted an orientation on the 4-H Club of the Philippines to the students of Tarlac Agricultural University (TAU) - College of Agriculture and Forestry (CAF) on November 16, 2022.

OIC- Director Rizalina Tablarin of TAU Root Crops Research and Training Center (RRTC) thanked ATI for the opportunity for the student to learn about the 4-H Club and how they can benefit from it. The TAU also wants to tap the expertise of the 4-H Club to maintain the Learning Site for Agriculture of the university.

# Magsasaka Siyentista (MS)

The Agricultural Training Institute-Central Luzon (ATI-CL), together with the Tarlac Agricultural University evaluated five (5) candidates for Magsasaka Siyentista certification in Tarlac on December 20, 2022.

The following are the farmers evaluated for recommendation to ATI-Central Office:

|   | NAME OF FARMER      | ADDRESS         | FOCUS COMMODITY    |
|---|---------------------|-----------------|--------------------|
| 1 | July A. Dela Cruz   | Anao, Tarlac    | Pigmented Rice     |
| 2 | Angelito R. Peralta | Anao, Tarlac    | Livestock          |
| 3 | Bobby A. Novida     | Moncada, Tarlac | Integrated Farming |
| 4 | Johnson C. Sulit    | Moncada, Tarlac | Livestock          |
| 5 | Roger T. Austria    | Paniqui, Tarlac | Livestock          |

Table 3. List of Farmers Evaluated for recommendation to ATI-Central Office.





## Website

The ATI-Central Luzon (ATI-CL) boasts of its up-to-date website complete with articles, updated banners depending on the month's celebration, videos on success stories of farmers, feature stories, techno-based and corporate IEC materials, among others.

For the whole year, the center has published 82 articles on the website. Aside from these activities and functions, the Center has been linking the promotion of activities in our website thus gaining more visitors. We have also maximized the use of our website for the registration of online training or seminars and access to e-Learning and Center's YouTube channel.

One of the highlights of the website is the presence of our Online Library or Knowledge Resource Center. Our clients can just browse through the library to access various IEC materials on different agricultural technologies. With this, the Center's website garnered 49,938 page views in 2022.

# School-on-the-Air (SOA)

This year, the Center has conducted the following SOA programs with the corresponding title, number of graduates and area conducted:

|   | SOA PROGRAM  | COMMODITY | PROVINCE<br>CONDUCTED | NO. OF<br>GRADUATES |
|---|--|-----------|-----------------------|---------------------|
| 1 | Palay Aralan sa Radyo:<br>School-on-the-Air on Smart Rice Agriculture                      | Rice      | Tarlac                | 2,000               |
| 2 | OA sa Kaalaman, OA sa Kabuhayan:<br>School-on-the-Air on Organic Agriculture<br>Production | Livestock | Zambales              | 546                 |
| 3 | IN SA INBRED:<br>School-on-the-Air on RCEF   | RCEF      | Zambales              | 764                 |

**Table 4.** List of SOA Programs conducted in 2022

Through the implementation of various SOA Programs across different commodities (Rice-SOA-Smart Rice Agriculture; Organic Agriculture; RCEF) this year, the Center has thought of the following strategies and activities to intensify and successfully conduct the said program in the region.

ATI-CL thought of a way to make the program more interactive especially with the rise of technologies. Thus, the Center has simultaneously broadcasted all SOA episodes through radio and Facebook live. With this, it can cater to more participants as its reach is broader thus making the program more interactive.



# Knowledge Products Development

The development of knowledge products is divided into two categories: corporate and techno-based materials. We have developed a total of three (3) corporate materials and ten (10) techno-based IEC materials. All corporate materials are registered to the National Library of the Philippines (NLP).

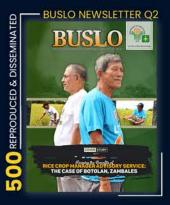
### **CORPORATE MATERIALS**



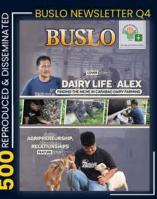












### **TECHNO-BASED MATERIALS**





















### **SUCCESS STORY DOCUMENTATION**

In addition, the Center has documented seven (7) success stories and released video and print form of these stories. The following are the titles of the success story videos:













### **ATI-RTC III's Stories of Success:**

- Kwento ng Tagumpay, Kwentong ATI:
  - o Kababaihan at Kabataan; Pagsasaka ating Sundan
  - o Tulong sa Magpapalay, RCM ating Kaugnay
  - o RCM ang Gabay sa Maunlad na Pagpapalay
  - o Tagumpay sa Kalabaw, Masustansyang Gatas Naguumapaw

### RCEF Success Stories:

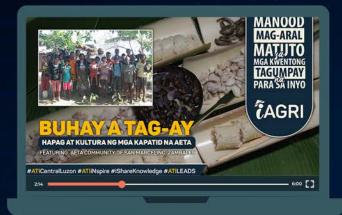
- o Toward the Greener Pasture: The Metamorphosis of Wilderness;
- o Training of Trainers: Continuing the Ripple Further and Farther

### CFIDP Success Story:

o Kooperatibang may Pagtutulungan, Susi sa Maunlad ng COCObuhayan

### **VIDEOS**

The following are the techno-based videos and other videos, which depict agricultural information and technologies, developed by the center in 2022:











### **IAGRI TV SERIES**

iAgriTV is ATI-CL's monthly webinar series that features on demand topics in agriculture. The program also aims to help introduce the latest trends and technologies on high value crops and other agriculture commodities.

The episodes can be replayed at the center's Facebook Page and YouTube channel: ATI Central Luzon. The following is the schedule of the webinar series with its topic and speaker:

|   | TOPIC  | SPEAKER   | DATE                 |
|---|--|---|----------------------|
| 1 | Cracking the Secret Sweetness of Cacao<br>Production                     | Ms. Rosalee G. Leander Agriculturist II, DA-RFO III Mr. Raymark C. Corpuz Farm Staff, Fabros Integrated Farm Training & Assessment Center, Inc. | February 17,<br>2022 |
| 2 | No Sting Attached: The Golden Promise of Safe Beekeeping                 | <b>Dr. Emilio Jose A. Contreras</b> Veterinarian III, Bureau of Animal Industry   | March 17, 2022       |
| 3 | Not Your Ordinary Chick: An Egg-cellent Production of Free-Range Chicken | Mr. Emmanuel S. Bundoc<br>LSA Cooperator, Felisidro Farm  | April 21, 2022       |
| 4 | Seeking the Sun: Blooming through Productive Sunflower Cultivation       | Ms. Michelle Salvador Terrenal Alternate HVCDP Report Officer, DA-RFO III   | June 17, 2022        |
| 5 | Soy and Beans Talk: A Healthy Guide on Soybean Production and Processing | Ms. Melinda G. Calumpit Senior Science Research Specialist, DA-RFO I  | July 28, 2022        |
| 6 | Duck Hacks: Unlocking the Potential of Ducks & Its By-Products           | Ms. Amy Dela Cruz<br>Farm Manager, Hacienda Angelita Nature Farm, Inc.  | August 18,<br>2022   |
| 7 | Brewing the Beans: Stirring Opportunities on Coffee Production           | Ms. Glarissa Balbarez<br>Agriculturist I, DA-RFO III  | October 28,<br>2022  |

Table 5. List of iAgriTV Webisodes

### **ENGAGEMENT WITH LOCAL MEDIA**

The center has forged partnerships with the local media to increase ATI's presence as well as promote our activities and programs to the public.

In partnership with DA-RFO III, the center has a regular TeleRadio program dubbed as **Ani at Kita sa Agrikultura** which is aired via RW 95.1FM and broadcasted live through our Center's Facebook page. The program airs every Monday at 10-12NN with discussions on different agricultural topics. In 2022, a total of 40 episodes was aired.



of extension agencies for policy support, planning, monitoring and evaluation mechanisms, human resource management, budget, infrastructure and facilities.

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# **FITS Center Enhancement**

ATI-CL has enhanced five (5) FITS Centers in the region under Rice Crop Manager (RCM) through the provision of ICT equipment. As recommended by their provincial TGP coordinators, the following are the FITS Centers enhanced in 2022:

- FITS San Isidro, Nueva Ecija;
- FITS OPA-Bataan;
- FITS Palauig, Zambales;

- FITS Magalang, Pampanga;
- FITS Dinalungan, Aurora

These five (5) newly-enhanced FITS Centers are required to conduct an RCM briefing the following year with 20 participants each batch to disseminate information regarding the technology or application.

IEC materials were also granted to the said FITS Centers as they are our partner in the dissemination in the region.

## **FITS Center Establishment**

Through several validation and site visits, ATI-CL with the help of every provincial Techno Gabay Program RTWG established 10 FITS Centers in Central Luzon under Rice Crop Manager & RCEF. The following are the FITS Centers established this year:

- Sta. Cruz, Zambales
- Subic. Zambales
- Dilasag, Aurora
- Nampicuan, Nueva Ecija
- Moncada, Tarlac
- Casiguran, Aurora
- San Jose, Tarlac
- Baliwag, Bulacan
  - Bocaue, Bulacan
  - Mexico, Pampanga

They have provided shelves for IEC display as well as they have polished their place for the establishment of FITS Center.

With the establishment, materials and ICT equipment were granted to the FITS which will help them in the efficient and smooth implementation of the projects under TGP and other related activities.

Prior to the establishment, the said FITS Centers were evaluated by the Regional TGP RTWG composed of members from ATI-RTC III, SUC, MS president and CLAARRDEC.

The FITS Center is a one-stop service facility made accessible to farmers, enterpreneurs, and other clients in a given area. The FITS Center is one of the components of the Techno Gabay Program along with Magsasaka Siyentista (MS), Information & Communications Technology (ICT), and Information, Education and Communication (IEC).

### LSA FITS Kiosks Establishment

The Center also initiated the establishment of four (4) LSA FITS Kiosks in the region. With the establishment, the said LSA FITS Kiosks provided an area in their respective farms for the display area and IEC materials. Moreover, ATI-CL granted them with ICT equipment and supplies to be used in their activities under the Techno Gabay Program (TGP) and as an LSA.

Further, the LSA FITS Kiosks have agreed to conduct e-Learning orientation among their farmerparticipants and they will produce 100 graduates per year until the duration of the project. The Center established the following LSA FITS Kiosks in the region in 2022:

|   | NAME OF LSA                                   | LOCATION                  | LSA COOPERATOR      |
|---|---|---------------------------|---------------------|
| 1 | Angel Tolits Integrated Farm                  | Angat, Bulacan            | Angelito De Guzman  |
| 2 | Teves Integrated Family Farm                  | Iba, Zambales             | Maria Rigena Teves  |
| 3 | Golden Pats Integrated Farm                   | Sto. Domingo, Nueva Ecija | Patrick dela Cruz   |
| 4 | Merryland Integrated Farm and Training Center | Pulilan, Bulacan          | Jian Carlo Castillo |

Table 6. List of LSA FITS Kiosks Established in 2022

The said LSA FITS Kiosks will serve as the satellite center of their municipal FITS Centers. They will also bring agricultural information in the barangay-level or within their community.

# **RCEF Barangay FITS Kiosk Establishment**

The center has conducted five (5) batches of establishment of the RCEF Barangay FITS Kiosks in Central Luzon. ATI-CL established five (5) FITS Kiosks in each municipality. The FITS Kiosks were established in the following barangays with their corresponding municipality:

### ● San Marcelino, Zambales ● Arayat, Pampanga

- o Brgy. Sta. Fe
- o Brgy. Buhawen
- Brgy. Aglao
- o Brgy. San Rafael
- o Brgy. Linusungan

- o Brgy. Camba
- o Brgy. Matamo
- o Brgy. Turu
- o Brgy. Candating
- o Brgy. Lacmit

### Camiling, Tarlac

- o Brgy. Birbira
- o Brgy. Libueg
- o Brgy. Bilad
- o Brgy. Marawi
- o Brgy. Malacampa

#### San Jose City, Nueva Ecija

- o Brgy. Villa Floresta
- o Brgy. Culaylay
- o Brgy. Porais
- o Brgy. Palestina
- o Brgy. Caanawan

### Dipaculao, Aurora

- o Brgy. Toytoyan
- o Brgy. Dimabuno
- o Brgy. Mucdol
- o Brgy. Ipil
- o Brgy. Calaocan

The FITS Kiosks will serve as the barangay information center that aims to bring RCEF and rice-related information and technology services to farmers in the barangay level through the establishment of local FITS Kiosks.

For the establishment, they were granted with portable sound system, printer, and various IEC materials on

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With its goal to introduce the latest digital applications to farmers and extension workers, the Agricultural Training Institute-Central Luzon (ATI-CL) spearheaded the 1st Digital Agriculture Congress and Techno Gabay Program (TGP) Summit in Angeles City, Pampanga with more than 150 participants on December 6-7, 2022.

With the theme "Digitalization of Agriculture, Shaping Central Luzon's Digital Future," the participants, which consisted of Learning Site for Agriculture Cooperators and TGP implementers, joined the 2-day event emphasizing the role of digitalization in the agriculture sector.

The event covered plenary sessions on different topics on digitalization of agriculture; awards night; and sharing of best practices among FITS Centers and LSA FITS Kiosks.

Mr. Mark Anthony Subido of SGS Philippines, Inc. discussed a topic under the precision agriculture technology – Precision Gateway: The Turn Key

Application. In addition, Mr. Willy C. Odiza of Grains Innovation & Solutions Co., Inc. introduced the DJI Agricultural Drone Sprayer Agras +30 to be used in the fertilizer application in the farms. Meanwhile, Ms. Ma. Elena P. Van Tooren of East-West Seed Foundation explained the Digital Tools for the Modern Farmer to the participants.

Another resource person is Ms. Kristine G.
Magadia from Smart & PLDT who discussed the
Digital Farmers Program, which is a collaboration
between Smart and ATI. Moreover, Mr. John Carlo
Landayan, a student from Central Luzon State
University, shared the AI Crop Prediction Fertilizer
Recommendation System. Further, Mr. Elvin Laceda
of RiceUP Farmers, Inc. tackled the SAKAHON,
which is a marketing application for farmers.

Part of the congress is the Awards Night wherein the TGP pioneers and practitioners were recognized. The pioneers recognized were: Dr. Yolanda Guillermo of Tarlac Agricultural University; Dr. Jovita B. Agliam of OPA-Nueva Ecija; Ms. Janet L. Saturno

of Central Luzon State University (CLSU); Mr. Crisostomo Rabaca of OPA-Zambales; Ms. Leah R. Lombres of OPA-Aurora; Ms. Rachelle Liberato of CLSU-CLAARRDEC; and Dr. Fe L. Porciuncula of CLSU.

Further, the outstanding Farmers Information and Technology Services (FITS) Centers for selected provinces were also proclaimed: FITS Maria Aurora for Aurora; FITS Anao for Tarlac; FITS Castillejos for Zambales and FITS Sto. Domingo for Nueva Ecija.

ATI-CL also awarded the Tarlac Agricultural University (TAU) as the best TGP implementer in Central Luzon. TAU has been in-charge of the implementation of the said modality even when the program was turned over to the provincial offices thus their activities and other projects within the province were sustained through their leadership and guidance.

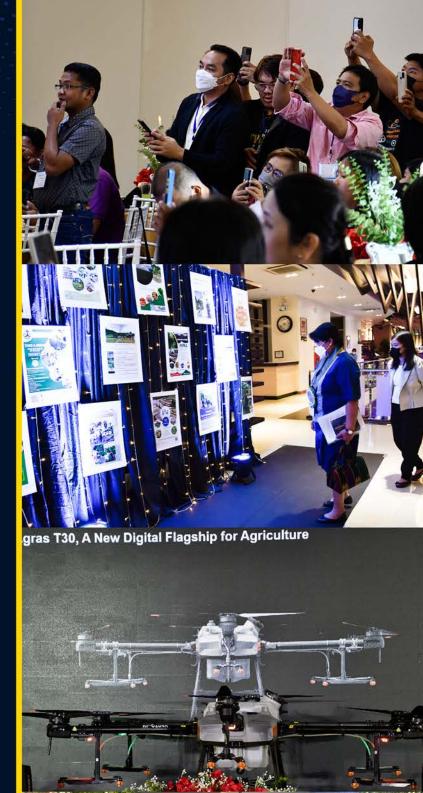
The entries of the Learning Sites for Agriculture for the contests (vlogging, TikTok Challenge, smartphone photography, Canva poster making, and ATI reels) were also shown during the awards night. Following the showcase was the awarding of the winners for the said contests.

During the second day, Ms. Emelita Flores, FITS Manager of Sto. Domingo, Nueva Ecija, shared their best practices to the participants for them to pick-up activities that can be replicated to their respective offices. Following Ms. Flores were Mr. Alvin Butay of FITS Anao, Tarlac; and Ms. Janice Sardo of FITS Castillejos, Zambales, who also shared their best practices as well as other activities and projects to sustain the TGP in their respective areas.

Ms. Frianina Resplandor of Myriad Farms in Nueva Ecija and Mr. Rafael Pagaling of Zennor Hydroponics Farm in Zambales also showcased their best practices and activities to the participants as LSA FITS Kiosks. They served as the models for other LSAs to become LSA FITS Kiosks in the future.

During the closing program, ATI-CL turned over the ICT equipment for the enhanced FITS Centers of the year. In addition, the following LSAs were also granted with equipment for the establishment of LSA FITS Kiosks in their farms.

This event is the first of its kind to be implemented throughout the Philippines. The next one will be conducted the following year in Central Luzon.



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# **Staff Development**

Further, ATI employees have attended the following activities to further develop their skills:

- Mr. Kent Edward S. Ballesteros, Media Production Specialist II, participated in the Digital Farmers Program and Digital Agriculture Course for Rice Competitiveness Enhancement Fund Rollout and Logframe Review Workshop on November 27-December 1, 2022;
- Ms. Mariel B. Baldoz, Agriculturist I, joined the Training on Pilot Testing of NextGen E-Learning Course: "Basics of the Participatory Performance Testing and Validation -Researcher Managed Trial (PPTV-RM)" on January 10-28, 2022; 14th National Technology Forum on April 18-21, 2022; and DA-F2C2 Luzon A Island-Wide Cluster Summit on June 14-16, 2022;
- Mr. Aeron P. Bermudez, Information Officer III, attended the Golden Rice Program Communications Planning Workshop on August 8-10, 2022;
- Ms. Eula Dee A. Lanada, Information Officer II, participated in the Agri Security is National Security on March 10, 2022; Data Storytelling and Visualization In-Depth Training Workshop on April 6-8, 2022; and Techno Gabay Program Review and Planning Workshop on November 9-12, 2022;
- Dr. Dianne M. Lapuz, Media Production Specialist II, attended the Training of Trainers on Coconut-Coffee Farming System on October 3-7, 2022;
- Ms. Babelyn P. Lopez, Training Specialist II, joined the Training on Performance Coaching and Mentoring for Successful Leadership" on October

20-21, 2022; and Training of Trainers on Good Agricultural Practices on Coconut on November 7-11, 2022;

- Ms. Zarah Jane N. Sendrijas, Development Management Officer I, joined the Training of Trainers on the Production of Coconut Products and By-Products on November 21-30, 2022;
- Ms. Joan P. Su-ay, Project Evaluation Officer I, attended the Technical Guidance Session for Monitoring and Evaluation Officers on May 11-13, 2022; Training Course on Basic Monitoring and Evaluation (M&E) for LGU Agriculture and Fisheries (AFE) Stakeholders on June 6-10, 2022; Coconut Specialist Training Course on September 12-23, 2022; and Training of Trainers on Coconut-Coffee Farming System on October 3-7, 2022;
- Ms. Guia D. Reyes, Development Management Officer II, attended the New Agency Authorized Officers Training on July 21, 2022; and Reorientation on the Government Procurement Act (RA 9184) and Latest Government Procurement Policy Board Issuances on November 14-18, 2023;
- Mr. Carlo S. Roberto, Administrative Officer II, participated in the Accounting for Non-Accountants Training on May 11-13, 2022; Training on Completed Staff Work: A Management Technique to Empower ATI Employees on June 26-29, 2022; Orientation on the Program to Institutionalize Meritocracy and Excellence in in Human Resource Management (PRIME-HRM) on September 6-7, 2022; and Digital Learning Series Procurement of WETI, POL, Janitorial and Security Services including Extension of Contracts for General Support Services on October 12, 2022; and
- Ms. Jocelyn A. Tan, Administrative Aide VI, attended the Training on Basic Records and Archives Management on September 14-16, 2022.

# **Partnership**

Partnership with Department of Education – Schools Division of Zambales for e-Learning, and SOA on Organic Agriculture Production

The Agricultural Training Institute-Central Luzon (ATI-CL) inked a Memorandum of Agreement (MOA) with the Department of Education (DepEd) Schools Division Office (SDO) in Zambales for the implementation of e-Learning, School-on-the-Air (SOA) on Organic Agriculture (OA) with Gulayan sa Paaralan in the province on March 11, 2022 via Google Meet and Facebook live.

Ms. Ailyn C. Eay, Chief Education Program Supervisor of the School Governance and Operation Division (SGOD), said that this partnership should be strengthened and that the students and teachers will benefit from the activities that ATI-CL will implement.

The MOA will strengthen the partnership of the two (2) agencies in the implementation of the e-Learning and SOA on OA with Gulayan sa Paaralan among students and teachers in Zambales.

ATI-CL has also forged a similar partnership with Pagalanggang National High School (NHS) in Bataan in the previous year.

## **Awards**

Meanwhile, the Binhi ng Pag-asa ATI-RTC III youth delegates from Bataan and Tarlac did not fail to make a spot on the 3 major activities of the Binhi ng Pag-asa Program National Summit & Year-End Assessment:

 $2^{nd}$  Place- Activity 1 – BPP Documentaries: Feeding the World through Binhi- "One Seed at a Time"

- Mr. Jomary Nuqui (Concepcion, Tarlac)
- Mr. John Cedrick Valdez (Pura, Tarlac)

2<sup>nd</sup> Place- Activity 2 – Step Up Cup: Youth towards Leadership (Project Proposal-making Contest)

- Mr. Prince Evan Amania (National TOT)
- Mr. Carl Loui Fernandez (Mariveles, Bataan)
- Ms. Ma. Angelica Rodriguez (Orani, Bataan)

3rd Place- Activity 3- BPP Quiz Bee: Agri-Tagisan

- Ms. Hannah Beatrice Medina (Samal, Bataan)
- Mr. Robin Timpug (Dinalupihan, Bataan)
- Mr. Roger Angelo Guanzon (Abucay, Bataan)

Further, through the Information Services Section, the Center bagged three (3) major awards during the IS Achievers' Awards of the Knowledge Management Updates. The center has been recognized for its most notable accomplishments in the following major fields:

- Knowledge Products and Services;
- Digital Farmers Program (DFP); and
- Rice Competitiveness Enhancement Fund-Rice Extension Services Program.

This year, ATI-CL has developed and produced 57 various kinds of Knowledge Products such as corporate materials, technology kits, pamphlets, leaflets, booklets, brochures, and videos. In addition, we have registered 16 publications to ISSN/ISBN through the National Library of the Philippines from 2019-2022.

The center has also conducted two (2) batches of DFP to our FITS staff in Aurora and Nueva Ecija. In fact, the FITS staff have rolled out the said program to the farmers in their respective areas. Moreover, an additional seven (7) batches of DFP have been implemented in the Learning Sites for Agriculture across all provinces in Central Luzon. Capping off the program this year was the implementation of the first ever Digital Agriculture Congress on December 5-6, 2022 among 50 LSA cooperators and 100 FITS staff. We have invited several experts to share their latest digital applications and technologies in the field of agriculture.

Further, a total of 30 Barangay FITS kiosks have been established in the region under RCEF-RESP. Also, five (5) FITS centers have been launched under the said program. For the implementation of SOA-RCEF, a total of 764 graduates finished the program in Zambales. Lastly, a magazine solely dedicated to RCEF was also published every semester covering the activities of the program.

































ACCOMPLISHMENTS

TOTAL TRAINING/ ACTIVITIES CONDUCTED

TOTAL PARTICIPANTS



TOTAL OBLIGATION 106,744,581.21



### **OFFICE OF THE CENTER DIRECTOR (OCD)**



### **CAREER DEVELOPMENT & MANAGEMENT SECTION (CDMS)**













### **INFORMATION SERVICES SECTION (ISS)**











### PARTNERSHIP & ACCREDITATION SECTION (PAS)









### PLANNING, MONITORING, & EVALUATION UNIT







**ADMINISTRATIVE & FINANCE UNIT** 



















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