



Annual Report 2022

DEPARTMENT OF AGRICULTURE
REGIONAL FIELD OFFICE NO.5



MANDATE

The Department of Agriculture is the government agency responsible for the promotion of agricultural development by providing the policy framework, public investments, and support services needed for domestic and export-oriented business enterprises.

VISION AND MISSION

The DA envisions a food-secure Philippines with prosperous farmers and fishers. It shall collectively empower them and the private sector to increase agricultural productivity and profitability, taking into account sustainable, competitive, and resilient technologies and practices. Hence, its battlecry is simply:

“Masaganang Ani at Mataas na Kita!”

MESSAGE from the Regional Executive Director



The year 2022 was all about adapting to the “new normal” after the height of the COVID-19 pandemic in 2021 and also the transition from Duterte to Marcos regime.

In June 2022, shortly after winning the national elections, President-elect Ferdinand “Bongbong” Marcos Jr. said he will temporarily head the Department of Agriculture (DA), citing the need to urgently address the looming food crisis in the country.

“I think it is important that the President take that portfolio so that not only to make it clear to everyone what a high priority we put on the agricultural sector, but also as a practical matter so that things move quickly because the events of the global economy are moving very quickly.” These were the words of President Bongbong Marcos.

Under his leadership, DA Bicol has capitalized on innovations, use of hybrid rice and corn technology, farm clustering and modernizing agriculture to increase production amidst various challenges in the agriculture sector such as soaring cost of farm inputs brought by global crisis and pandemic; transboundary pests brought by climate change; as well as natural disasters such as strong typhoons.

The rice sector recorded a production of 1,329,004 metric tons harvested from a total area of 348,848 hectares. Despite the numerous challenges, the region achieved 116.27% sufficiency in rice. Other major commodities also showed sterling performance with the implementation of the clustering approach, where farmers were able to attain economies of scale.

These accomplishments were made possible by DA Bicol’s proactive performance and with the active collaboration of all the Bureaus and Attached Agencies of the department and the consistent support of various stakeholders from the Provincial/Municipal and City Local Government Units and Agriculture Offices, as well as other National Government Agencies, private sector and the academe.

This annual report therefore chronicles the dedication and hard work not only of the DA personnel but more importantly of our beloved farmers who tirelessly toil the soil to feed our growing population.

Together, let us continue our passion and dedication towards the upliftment of the agriculture sector and the Bicolanos as a whole.

Dios mabalos saindo gabos!

A handwritten signature in black ink, appearing to be 'RODEL P. TORMILLA', written over a faint, stylized graphic element.

RODEL P. TORMILLA, MABE
Regional Executive Director

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Regional Rice Program

The rice sector recorded a production of 1,329,004 metric tons harvested from a total area of 348,848 hectares. Despite the numerous challenges, the region achieved 116.27% sufficiency in rice.

The region's average yield was 3.81 metric tons per hectare. Camarines Norte recorded the highest average yield at 4.58 metric tons per hectare.

Camarines Sur has the highest production at 665,430 metric tons and also with the highest area harvested at 175,972 hectares followed by Albay which produced 226,231 metric tons harvested from 54,018 hectares. Sorsogon (151,489 mt) and Masbate (151,253 mt) ranked third and fourth respectively, but Sorsogon has higher average yield at 4.31 metric tons.

| 2022 | | | |
|--------------------------------|-----------------|---------------------|---------------|
| Region/Province | Production (mt) | Area Harvested (ha) | Yield (mt/ha) |
| REGION V (BICOL REGION) | 1,329,004 | 348,848 | 3.81 |
| ALBAY | 226,231 | 54,018 | 4.19 |
| CAMARINES NORTE | 109,792 | 23,965 | 4.58 |
| CAMARINES SUR | 665,430 | 175,972 | 3.78 |
| CATANDUANES | 24,809 | 8,065 | 3.08 |
| MASBATE | 151,253 | 51,705 | 2.93 |
| SORSOGON | 151,489 | 35,123 | 4.31 |

Production Support Services (PSS)

For the year FY 2022, **93,040 bags Hybrid Seeds** (at 15 kilos per bag), **5,193 bags Public Hybrid Seeds** (at 18 kilos per bag), and **28,740 bags Certified Seeds** (at 40 kilos per bag) were distributed and planted to **126,973 hectares rice area** by **126,972 rice farmer beneficiaries** across Bicol Region.

The fertilizer component for these seeds was thru voucher scheme. This scheme allowed farmer-beneficiaries to procure inorganic fertilizers at accredited fertilizer dealers using a voucher with an amount equivalent to P2,000.00/ha for inbred and P3,000.00/ha for hybrid. A total of **P 241,653,578.20 worth of fertilizer assistance** were provided to rice farmers through generation of **79,170 vouchers**.

Out of this, only **65,191 vouchers were claimed by rice farmers** which was **worth P 204,793,658.41**. The fertilizer assistance was applied to **75,749.56 hectares of rice areas**.

LGU Sipocot, Camarines Sur



LGU Paracale, Camarines Norte



Seed Reserve were made available to rice farmers with the procurement of **500 bags Registered Seeds, 20,000 bags Certified Seeds** and **2,000 bags Hybrid Seeds** which was used in the rehabilitation of damaged rice areas brought by drought, heavy rains and typhoons (e.g. Jolina, Odette, etc.).



Extension Support, Education and Training Services (ESETS)

Continuous intensive field deployment of Rice Crop Manager (RCM) created **12,183 recommendations** that help and realized additional **6,092 MT production** increment for the region.



A total of **206 local farmer technicians (LFTs)** were maintained to support the existing LGU agricultural technicians, to assist in the transfer of our latest technologies and implementation of various projects.

For the support to the information dissemination, **one (1) radio program, thirty six (36) radio plugs** and **four (4) TV plugs** were aired in different radio stations and social media platforms. Around **22,285 pieces IEC materials** were distributed to our farmer clientele around the Bicol Region.



Numerous audio visual presentations were also produced showing testimonies of successful rice farmers which were posted in official social media page and youtube account of DA RFO 5.



Research and Development (R&D)

Two (2) buildings were upgraded inside the Central Bicol Experiment Station (CBES) namely the : Regional Technology Commercialization Center (RTCC) and CBES Administration Building.



Agricultural Machinery, Equipment, Facilities And Infrastructures Program (AMEFIP)

To strengthen further the mechanization support to the Bicolano farmers, Four (4) **units 4WD Tractor**, Three (3) **units Combine Harvester**, Two (2) **units Hauling Truck** and Nine (9) **units Palay Thresher** were distributed to **18 Farmers' Associations** regionwide.



San Vicente DD, Buhi, Camarines Sur

Bogna DD, Legazpi City, Albay

Guruyan Irrigation Canal, Juban, Sorsogon

Irrigation Network Services (INS)

Around **588 hectares of new rice** areas is expected to be irrigated from the construction of **six (6) units Diversion Dam**, and **eleven (11) Irrigation Canals** with **11,600 linear meter** of Albay, Camarines Sur, Catanduanes and Sorsogon.

The construction of **3 units Diversion Dam** and **Two (2) units Solar Powered Fertigation System (SPFS)** are still ongoing with about 50-80% accomplishment that can generate additional **64 hectares**.



Corn and Cassava Program

The Corn Program is one of the banner programs of the Department of Agriculture which aims to address food security, poverty alleviation, and sustainable growth through increased farm income and productivity.

Bicol Region increased its corn production by 0.06% from 292, 748.28 metric tons in 2021 to 288, 419.72 metric tons in 2022, despite of the high cost of agricultural inputs and fuel. Yellow corn output was 221,085.93 metric tons in 2022, while white corn output was 67, 333. 79 metric tons.

Camarines Sur still has the largest corn area with 46,468 hectares, followed by Masbate (37,767 hectares), Albay (19,415 hectares), Camarines Norte (1,004.12 hectares) and Sorsogon with 209 hectares.

The Corn and Cassava program received a total budget of Php 101,395,000.00 for FY 2022. As of December 31, 2022 out of this budget, Php 99,885,120.00 was obligated (98.51%) and Php 88,541,820.00 was disbursed (88.64%).

In terms of physical performance, all of the targets under the Production Support Services (PSS) and Research and Development were 100% accomplished. On the other hand, 99.61% were completed under the Extension Support, Education, and Training Services (ESSETS). Out of the three targeted Sorghum Techno Demonstration Sites, one techno demo site was already established, nonetheless, with inadequate source of quality planting materials. Under the Agricultural Machinery, Equipment, and Facilities Support Services (AMEFSS), 90.91% were accomplished since the Forage Choppers were delivered late.

The Program also initiated the two sites of Corn Derby for yellow corn located in Bombon, Camarines Sur and Daet, Camarines Norte. Among the competitors of the derby were Advanta Seeds Philippines, Asian Hybrid Seed Technologies Inc., Bayer Crop Science Inc., Bioseed Research Philippines Inc., Corteva Agriscience, and Syngenta Philippines Inc. showcasing their harvests through the use of their own package of technologies. The abovementioned derby served as an venue in featuring various cultural management practices of corn varieties while allowing the farmers to reach informed decisions in choosing varieties they might prefer to plant. The top performing varieties were used by the program as reference for CY 2023 implementation.



Figure 1. Harvest Festival of the Corn Derby in Bombon, Camarines Sur

Also, to aid the corn farmers in Bicol Region during the rampant price increase of oil and oil products, the DA implemented Fuel Discount Program which helped in production from land preparation to post-harvest activities for corn farmers. A total of Php13,551,300.00 was allocated for the 4,302 corn farmers of Bicol Region who were registered in Agricultural and Biosystems Engineering Management Information system (ABEMIS), and Registry System for the Basic Sectors in Agriculture (RSBSA.) Moreover, the program beneficiaries came from mechanized corn farm cluster where there is a need for fuel for their farm machinery. The farmer organization including individual farmers with farm machinery were also included in the program.



Figure 2. Launching of the Fuel Discount Voucher Program for Corn Farmers in Bicol Region

Likewise, the DA released the Fertilizer Discount Vouchers with Php 1,080,000.00 allocation benefitting 540 farmers of Bicol Region. The Discount vouchers amounting to P2,000.00 were used one-time and claimed at any accredited fertilizer merchants in their preferred area. Said subsidy was provided to the farmers to augment production cost and improve production and yield.



The Corn and Cassava Program is also dedicated in reaching the maximum potential of the corn fields in the Bicol Region and improving the lives of the corn farmers. Thus, activities and projects such as the abovementioned programs are great ways in bolstering and executing its goals and targets.



High Value Crops Development Program (HVCDP)

Objective 1.

Boost the local production and raise the farmers' and fisherfolks' income

Clustering of farmer groups and consolidation of farmers' produce are among the priority programs of the Department of Agriculture, as identified better solution to help farmers increase their production and income. Moreover, this will help to better manage the supply of produce while considering the demand, to avoid abnormal market prices of agricultural commodities which affects both the farmers (very low price) and consumers (very high price).

This approach started on the implementation of Bayanihan II in 2020 and eventually been adopted by the program. From CY 2021-2022, HVCDP has assisted a total of 23 farm clusters (Vegetable- 9; Pineapple- 5; Pili- 3; Cacao- 2; Sweet Potato- 1; Mango- 1; Gabi- 1; Calamansi- 1) composed of sixty-nine (69) farmers associations, and oriented additional 21 associations to create 4 new clusters, in the provinces of Sorsogon, Albay and Camarines Sur (Vegetable-3 and Pili-1)

Aside from extension assistance, the clusters also received various interventions from HVCDP in the form of inputs and machineries amounting to Php 27,733,338.84 from the GAA 2022 fund.



Padlos Vegetable Farmers Association, Libmanan, Cam Sur



CLLS Federation of High Value Crops Growers, Inc., Libmanan, Cam Sur



Tumpa Farmers Association, Camalig, Albay



Palapas Multi-Purpose FA, Masaraga Organic FA & Amtic Integrated FA in Ligao City, Albay (F2C2 beneficiary) & Caratagan Rice & Veg Growers Association, Pioduran



Sto. Niño Pili Vegetable Growers Association, Pili, Cam Sur



Turn-over of cacao seedlings to Albay Pili Cacao Industry Association, Camalig, Albay



Turn-over of 40,000 pcs cacao seedlings to Bikol Cacao Growers Association, Tigaon, Camarines Sur



Turn-over of 25,000 pcs Calamansi seedlings to LACAFA Agri Cooperative, Lagonoy, Camarines Sur



Distribution of 172,400 kilograms of organic fertilizer to 5 cluster associations in Camarines Norte in the municipalities of Basud, Labo, San Vicente, Talisay and San Lorezo Ruiz



Established Techno Demo for Off-Season Vegetable Production in Virac, Catanduanes

Established Techno Demo for Off-Season Vegetable Production in Iriga City

Palapas Multi-Purpose FA, Masaraga Organic FA & Amtic Integrated FA in Ligao City, Albay (F2C2 beneficiary) & Caratagan Rice & Veg Growers Association, Pioduran

Also, part of the initiatives of HVCDP is the rehabilitation of 10,000 old cacao trees in Albay and Camarines Sur in 20 different sites of the 2 cacao farmers' associations which are F2C2 beneficiaries. The farmers were granted with fertilizers, pruning and grafting tools.



Technical Orientation of Rehabilitation of Old Cacao Trees, Malama, Ligao City

Technical Orientation of Rehabilitation of Old Cacao Trees, Tigaon, Camarines Sur



Rehabilitation of Old Cacao Trees in Albay and Camarines Sur

Furthermore, for FY 2022, two high value crops with potential for export particularly Pili and Malunggay were funded and monitored. The program produced planting materials thru the Research Outreach Stations (ROSeS) and distributed them to farmers' associations and LGUs for expansion of production areas.

As of December 31, 2022, the DA-HVCDP produced and distributed 40,000 pieces of grafted pili and to 34 farmer groups in Albay, Camarines Sur, Camarines Norte, Catanduanes and Sorsogon and planted to total of 400 hectares production area. For malunggay, 100,000 pieces were distributed to 7 farmer groups in Camarines Sur.



Distribution of 30,000 pcs produced malunggay seedlings to Cabusao Rootcrops and Vegetable Growers Association Inc.



Mt. Mayon Pili Producers Cooperative, Tabaco City, Albay

Distribution of grafted pili at DA Stations in Camarines Sur, Camarines Norte and Albay



Malunggay production and distribution

Objective 2.

Ensure accessible, affordable and nutritious food that benefit all Filipinos

As part of our Rehabilitation program initiative, HVCDP continuously ensure the availability of vegetable seeds for quick response after a disaster. This is being done through procurement and production of seeds that will serve as buffer stock.

For 2022 target, the program already procured a total of 1,000 kilograms of assorted lowland vegetable seeds and produced additional 500 kilograms of lowland vegetable seeds as of December 31, 2022.





SUPPORT TO OTHER GULAYAN PROJECTS

In partnership with City Local Government Units (CLGU) and Barangay Local Government Units (BLGU), the HVCDP supported the establishment of 21 Urban Agriculture Gardens in 6 cities (Naga, Ligao, Tabaco, Legazpi, Sorsogon and Masbate) and 32 Gulayan sa Barangay regionwide. Each group recipient was provided with agricultural package such as vegetable seeds, garden tools, plastic mulch, organic fertilizer, etc.



Established Urban Agriculture Gardens in Naga City



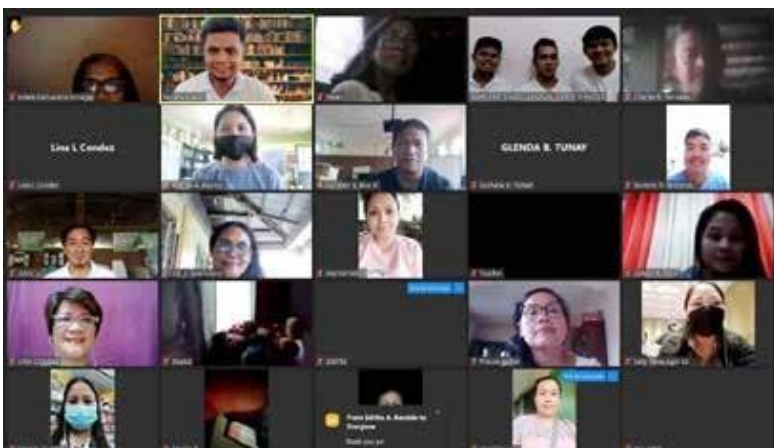
Established Gulayan sa Barangay in Brgy. Gulang gulang, Irosin, Sorsogon

HVCDP also supports the youth under gulayan projects such as Gulayan sa Paaralan or School Garden Project.

Regionwide, a total of 700 schools were targeted to be provided with agricultural package to support vegetable production.

As annual accomplishment, HVCDP distributed 700 school garden package to 700 public elementary and secondary schools in the provinces of Albay (150 schools), Camarines Sur (200 schools), Catanduanes (80 schools), Masbate (80 schools), Sorsogon (100 schools) and Camarines Norte (90 schools)

Prior to the distribution, HVCDP team conducted virtual orientation training to the school recipients last August 2022 by province.



Albay



Camarines Sur



Catanduanes



Masbate



Sorsogon



Maintenance of Production Facilities

A total of 45 production facilities in the 6 Research Outreach Stations (ROSeS) of the region were maintained under the program fund to support their high value crops production and research related activities. The facilities were 7 rainshelters, 14 greenhouses, 6 screenhouses/nethouses, 5 nurseries, 1 tissue culture laboratory, 5 seed storage facilities, and 7 foundation scion groves. These facilities are being utilized in the production of vegetables, vegetable seedlings and planting materials for distribution to the farmers.



Central Bicol Experiment Station
San Agustin, Pili, Camarines Sur



Camarines Norte Lowland Rainfed Research Station
Daet, Camarines Norte



Albay Research Development Center
Buang, Tabaco City, Albay



Catanduanes Hilly Upland Development Station
Virac, Catanduanes



Masbate Center for Livestock Development
Asid, Masbate City

Objective 3.

Develop strong food value chains that deliver the needed quality services

In value chain approach, working on these sectors is vital towards increasing the income of our farmers. Thus, the program continuously provide support in order to reduce post-harvest losses, increase income thru value-adding activities, reduce transportation cost and ensure availability of buyer for the produce.

In CY 2022, the program distributed 780 pcs of plastic crates to 15 farmer groups and 50 pcs pallets to 4 farmer groups. Majority of the beneficiaries were vegetable growers (14 out of 15) in the provinces of Albay, Camarines Sur and Sorsogon. The other non-vegetable association granted with plastic crates and pallets was engaged in calamansi production and processing, which is the target-qualified beneficiary of calamansi processing facility for this year.



Federation of Tigaon HVC Farmers Association Agri Inc, Tigaon, Cam Sur



Agri-Preneur Farmers and Producers Association, Inc. , Libmanan; Bulawan Sr. Farmers Association, Lupi; and Awayan Farmers Association, Sipocot, Cam Sur



In support to modernization through provision of farm machineries and equipment, DA HVCDP distributed 5 units multi-cultivator and 470 units knapsack sprayer to 84 farmers' associations regionwide (vegetable and pineapple growers).

Aside from distribution of farm production-related machineries, the program also distributed small-scale irrigation equipment such as 18 units Pump and Engine Set (PISOS) regionwide, installed 8 units Pump and Engine Set (STW) in Albay, Camarines Norte, Camarines Sur, Masbate and Sorsogon and 5 units Solar-Powered Irrigation System regionwide (except in the province of Catanduanes). The awarding of multi-cultivator and PISOS was held during the conducted 2nd Vegetable Seed Derby & Harvest Festival last May 17, 2022 at DA Compound.



San Vicente Kaanib Agriculture Cooperative, San Vicente, Camarines Norte



Cataingan Vegetable Growers Association, Cataingan, Masbate



San Lorenzo Ruiz Farmer's Agricultural Cooperative, Cam Norte



Sta. Cruz Farmers Association, Polangui, Albay



STW installed in Libon, Albay



STW installed in Labo, Camarines Norte



Installed Shallow Tube Wells in Masbate



Installed Solar-Powered Irrigation System in Sorsogon



Installed Solar-Powered Irrigation System in Albay

Package of Technology (POT)

In the first semester, the High Value Crops Development Program through the Institutional Development Unit conducted 3 trainings in support to vegetable, malunggay production and processing and organizational reinforcement.

The details of the training are stated in the table below.

| TITLE OF TRAINING | DATE | VENUE | NO. OF PARTICIPANTS |
|---|-------------------|--|------------------------------------|
| Good Agricultural Practices (GAP) Training on Malunggay Production and Processing | March 22-23, 2022 | Macagang Business Center, Nabua, Camarines Sur | 30 farmers (15 male and 15 female) |
| Good Manufacturing Practices (GMP) Training on Vegetable Processing | June 22-23, 2022 | | 30 farmers (4 male and 26 female) |
| Values Formation, Leadership & Financial Management Training | June 27-28, 2022 | | 32 farmers (15 male and 17 female) |



Training on Good Agricultural Practices (GAP) Training on Malunggay Production and Processing, Macagang Business Center, Nabua, Camarines Sur, March 22-23, 2022



Training on Good Manufacturing Practices (GMP) Training on Vegetable Processing, Macagang Business Center, Nabua, Camarines Sur, June 22-23, 2022



Values Formation, Leadership & Financial Management Training, Macagang Business Center, Nabua, Camarines Sur, June 27-28, 2022

Establishment of Community-Based Processing Facility

Last December 1, 2022, DA-HVCDP turned over 1 unit of Calamansi Processing Facility (building and equipment) to Lagonoy Calamansi Farmers Agriculture Cooperative (LACAFA Agri Coop) in Sta. Maria, Lagonoy, Camarines Sur amounting to Five Million Nine Hundred Fifty Nine Thousand Nine Hundred Forty Three and 27/100 (Php 5,959,943.27).

The recipient is among the cluster associations of HVCDP in the province of Camarines Sur and the only cluster association for calamansi. The said facility is also the first calamansi processing facility in Bicol region. As a shared facility, the members of the cooperative will benefit from the intervention provided to them.



Training on Good Agricultural Practices (GAP) Training on Malunggay Production and Processing, Macagang Business Center, Nabua, Camarines Sur, March 22-23, 2022

Provision of Hauling Truck

In CY 2022, the program procured and turned over 2 units of hauling truck to 2 cluster associations namely, the Cabusao-Lupi-Libmanan-Sipocot (CLLS) Federation of High Value Crops Growers with office address in Libmanan, Camarines Sur and San Lorenzo Ruiz Agriculture Cooperative in San Lorenzo Ruiz, Camarines Norte.

The transport equipment will be beneficial to the vegetable and pineapple farmers, in their production and marketing activities.



Turnover of Hauling Truck to CLLS Federation of High Value Crops Growers in Libmanan, Camarines Sur on December 2, 2022

Objective 4.

Put in place the required policy directions to fast track the modernization of the sector

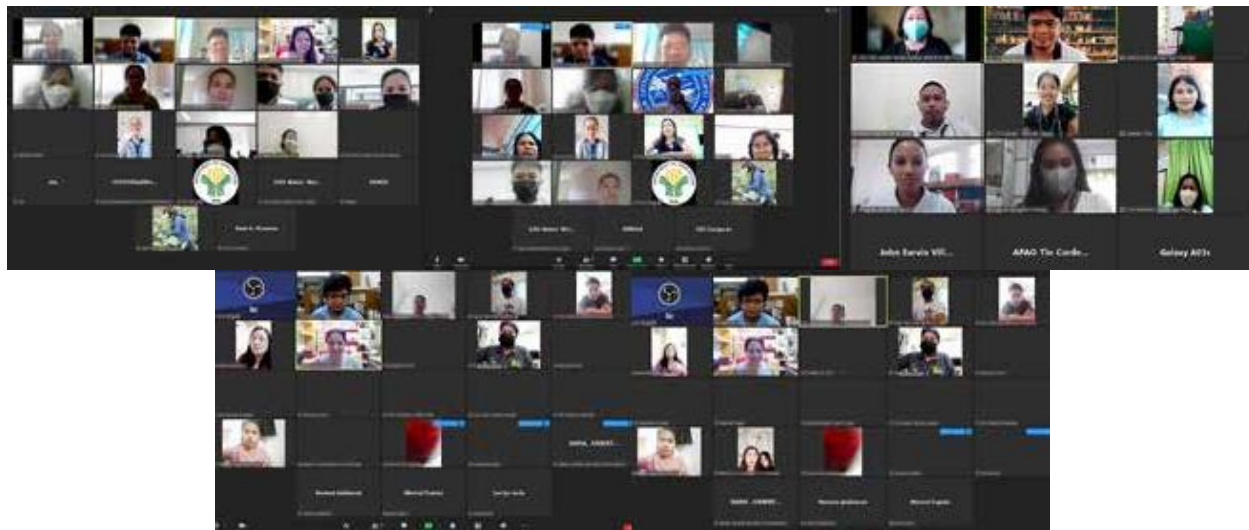
Focus Group Discussion (Crafting of Municipal HVCDP Profile)

The focus group discussion for the remaining 18 municipalities in Camarines Sur were accomplished from January to March 2022. This includes meeting with the LGU and field visit for validation of data and monitoring of interventions provided. The data being gathered were composed of list of priority commodities, masterlist of individual farmers and farmer groups per commodity, production and marketing data.



Provincial Virtual AEW Meeting

To strengthen our partnership with the Local Government Units and to achieve smooth implementation of the programs and projects for high value crops development, the program conducted series of provincial virtual AEW meetings from February to March 2022.



Crafting of HVCDP Operations Manual

To prepare the operations manual of the HVCDP to guide the incoming officials and for their appreciation and understanding on the projects and activities of the HVCDP, the High Value Crops Development Program and Rural Credit (HVCRC) initiated the conduct of national writeshop funded by DA 5-HVCDP as the host of the activity. It also aimed to come up with the guidelines on various HVCDP programs, activities, and projects as basis for proper project planning, valuation and implementation of each operating unit which shall be included as annexes in the HVCDP Operations Manual.



National Writeshop for the Crafting of HVCDP Operations Manual, March 7-11, 2022 at Primus Hotel, Naga City

The High Value Crops Development Program (HVCDP) in partnership with the Planning, Monitoring and Evaluation Division (PMED), conducted initial 2 batches of Orientation on Civil Society Organization (CSO) Accreditation and Pre-Assessment of Documents to cluster association members in the provinces of Albay, Sorsogon, Camarines Norte and Camarines Sur held at DA RFO 5 last September 23 and 28, 2022. It was attended by a total of 35 farmer groups/association/cooperative.



First batch of CSO Orientation, September 23, 2022



Second batch of CSO Orientation, September 28, 2022

1st High Value Crops Achievers' Award

The DA 5- HVCDP conducted the 1st High Value Crops Achievers Award wherein five outstanding Agricultural Extension Workers (AEWs) from the Municipalities of Pili, Tigaon and Libmanan, in Camarines Sur; Polangui in Albay and Virac in Catanduanes.

The search covered the period from April to October, 2022 and the rating period was from January 2020 to March 2022. The awarding ceremony was held last December 1, 2022, the National HVCDP Director, Dir. Gerald Glenn F. Panganiban attended the event.





Livestock & Poultry Program

100%

Obligation on
LEED and INSPIRE

The hype of African Swine Fever (ASF) over the past years from the last two quarters of 2019 to present confronted the Livestock and Poultry Program. The COVID-19 pandemic even intensified the challenge that further rattled the food security and sustainability of the nation.

For FY 2022, Livestock and Poultry Program implementation of its activities were mainly focused to helping Farmer Cooperatives and Associations (FCAs) recover from the office of ASF and COVID-19 pandemic.

Two most impactful activities were Livelihood Economic Enterprise Development (LEED) and Integrated National Swine Production Initiatives for Recovery and Expansion (INSPIRE) which further ignited the drive to strengthen the capacity of raisers as a group. The “Big Brother-Small Brother” Approach as one of the strategies under the One DA Reform Agenda, Cooperatives Development, paved way to obligating 100% on both activities.

The CamSur Multi-Purpose Cooperative (CMPC) acted as Big Brother to eight (8) farmer cluster beneficiaries for the implementation of Livestock Economic Enterprise Development (LEED) with an allocation of Ps. 13,875,000. The recipients were Animal Raisers and Farmers Agriculture Cooperative (ARFAC) for the Rabbit Enterprise, San Antonio Farmers Irrigators Multi-Purpose Cooperative (SAFIMCO), Tinangis Upland Farmers Agricultural Cooperative (TUPAC), Bicol Seeds Growers Multi-Purpose Cooperative (BSGMPC) and Gabao Samahang Nayon Multi-Purpose Development Cooperative for the Cattle Enterprise, Obo Rural Improvement Club for the Chicken Enterprise, Ambos Camarines Agriculture Cooperative for the Duck Enterprise, and Masbate Goat and Sheep Raisers Association Inc. for the Goat Enterprise.

8

Clusters under LEED

43

Clusters under INSPIRE

Likewise, Five (5) CSO-accredited FCAs supported the implementation of INSPIRE for 43 cluster targets with a total allocation of Ps. 236,500,000. Big Brothers are Quipia Agrarian Reform Beneficiaries Cooperative for Albay, Labo Progressive Multi-Purpose Cooperative (LPMPC) for Camarines Norte, CamSur Multi-Purpose Cooperative (CMPC) for Camarines Sur, Talisayon Multi-Purpose Cooperative (TAMUCO) for Sorsogon and Albay, and Pinoy Lingap Damayan Multipurpose Cooperative (PLDC).





Organic Agriculture Program



In 2022, the Organic Agriculture Program (OAP) was able to extend 1,443 kilograms of assorted rice, OPV corn and vegetable seeds, 2,000 heads native chicken, 405 sets of garden tools and thirteen (13) rolls of UV Film benefiting 300 individuals and 79 farmers groups as starter kits. In addition 56,500 kilograms of organic fertilizers and african night crawlers were distributed to sustain and improve the composting facilities of the different farmer groups.



In its effort to reach more stakeholders, the OAP adopted the blended platform (online and face to face) in conducting training and consultation meetings. Seven (7) batches of trainings on free-range chicken production and six (6) trainings on Participatory Guarantee System (PGS) were conducted benefiting 309 farmers and AEWs.

Under the AMEFSS, OAP was able to distribute four (4) units Hand Tractor; three (3) units Agri Waste Shredder; three (3) units Vermi Tea Brewer; three (3) units Brush Cutter; sixty (60) units Knapsack Sprayer; six (6) units Multi-Tilling Machine; one (1) unit Pinawa Rice Mill and one (1) unit Pulverizer. These interventions were given to lessen high cost of farm labor by reducing the time of work and number of farm workers needed and to provide more convenience to our farmers.



Meanwhile, two (2) unit Pump and Engine sets for PISOS; three (3) units of Solar Powered Irrigation System were completed and installed with a total service area of fifteen (15) hectares.

A total of 668.17 hectares of rice and vegetable areas are 3rd party certified of which 359.49 hectare are planted with colored/pigmented rice. About 27,235 bags of colored rice were delivered by Pecuaría Development Cooperative (PDC) and Saradit na Kristyanong Komunidad Farmers Corporation to different market outlets in Metro Manila and in Bicol like Sunnywood Superfoods Corporation (SSC), GlowCorp, FPSDC, LCC and other local wholesalers-retailers.





HALAL Food Industry Development Program

Seminar on Halal Goat Raising/ Production

Last March 23-24, 2022, the Regulatory Division of the Department of Agriculture RFO5 conducted a face-to-face Orientation Seminar on Halal Goat Raising and Production at Binogsacan, Guinobatan, Albay. A total of 40 participants who were members of Albay Muslim Communities Consumers Corporation attended and participated. This is in line with the agency’s effort to solidify the campaign of the Halal-Food Industry Development Program. The said seminar aimed to further educate the Muslim community on the basics of raising goats that adhere to food safety and hygiene which is always prioritized in Halal that reduces the risk of food contamination. It was also aimed to establish Halal linkage and networking among Muslim communities.



Figure 1. Dr. Diogenes in his discussion on Goat Raising



Figure 2. Photo opportunity with the participants, speakers, and staff from the Provincial Veterinary Office of Albay



Figures 3 & 4. Photo opportunity during the distribution of goats



Conduct of Monitoring last October 2022. To date, 18 heads goat are alive (14 does, 2 bucks and 2 offspring), with 4 mortalities (4 does)

At the end of the seminar, 20 heads of goats (18 does and 2 bucks) were awarded to them as starter kits that they can grow and reproduce. The organization agreed to raise the goats in the idle land of Mr. Abdur Rahman Noveno in Brgy. Taisan, Legazpi City. Recipients happily received their starter kits since out of the 18 does, 6 of them are already pregnant upon delivery. According to their chairman, Mr. Nasroden ‘Amin’ Dumanong Hassan, offspring will be distributed to their members for multiplication and as a source of livelihood.

Coordination with the banner program specifically the Livestock and Poultry Program was conducted wherein 100 heads of native chicken and feeds were requested and awarded to the community as an additional source of income, last November 2022



100 hds native chicken and feeds was also provided from the Livestock and Poultry Program (facilitated by linking through the said program)



Special Area for Agricultural Development (SAAD)

The Special Area for Agricultural Development (SAAD) Program is a locally-funded project of the Department of Agriculture which aims to uplift the lives of farmers in the poorest provinces of the country. For FY 2018-2022, the program included the 3 provinces in Bicol Region which are Masbate (LGU Mandaon, Balud, Pio V Corpuz, Esperanza, Monreal, and San Pascual), Catanduanes (LGU Baras, Bato, Bagamanoc, San Miguel, Panganiban, and Gigmoto), and Sorsogon (LGU Sta Magdalena, Matnog, Pilar, Juban, Donsol, and Magallanes).

The program aims to assist the marginalized farmers in the country through the provision of agricultural interventions and conduct of trainings. For FY 2018-2020, the program prioritized increasing the production of the farmers and securing food for the table. Then on 2021 onwards, enterprise development was given focus where some of the farmer associations started marketing their produce and venturing into product development.

SAAD Bicol received a total budget of Php 91,877,000.00 for FY 2018, Php 151,272,000.00 for FY 2019, Php 133,763,775.00 for FY 2020, and Php 178,317,000.00 for FY 2021, and Php 104,494,000.00 for FY 2022. This allocation covered the fund for the major components of the program, the Social Preparation Component comprised of consultations and orientations, the Food Production and Livelihood Component which included the agricultural interventions, packages, and trainings given to the farmer beneficiaries, Marketing Assistance and Enterprise Development for the establishment of Community-based Enterprises, and the Program Management Office (PMO) focused on the manpower requirements of the program.



Distribution of Interventions/Training

In terms of physical performance, SAAD Bicol conducted 6 Social Preparation Activities attended by 188 SAAD farmer beneficiaries. Under the Food Production and Livelihood Component, all 33 livelihood packages under Rice, Corn, High Value Crops, Organic Agriculture, and Livestock Production and Enterprise Development were implemented for the provinces of Masbate, Catanduanes, and Sorsogon which benefitted a total of 141 farmer associations. Various agricultural interventions to support production and encourage enterprise development were given to these beneficiaries under the different packages of the program such as rice, corn and cassava, high value crops, organic agriculture, and livestock and poultry. Out of this associations, 35 were women-led and mostly involved in value-adding activities.

In addition, all 52 specialized training under the same projects focusing on production and enterprise development were conducted which trained a total of 1,566 SAAD farmers. These training included lectures on increasing production, pest and disease management, as well as hands-on participation in cooking demonstrations focused on creating value-added products that can transform the raw harvests of farmers into processed products with higher market value and longer shelf life. And since the country is still under the threat of the COVID-19 pandemic, aside from the usual training supplies, personal hygiene sets were also included in the kit distributed to the beneficiaries.



A total of 21 Community-based Enterprises (CBEs) were also established by the program. These were the associations who received interventions which included supplies for processing, marketing, and value-adding. Securing enough food for the table, these associations sell their additional produce in their barangays and municipalities. These enterprises aim to be community driven in terms of profit sharing and group development to improve the lives of its members and the community as a whole.

Aside from the mentioned accomplishments, SAAD Bicol was also shortlisted as the possible recipient of 1 unit hauling truck from the Turkish Cooperation and Coordination Agency (TIKA). Last February 2022, the Country Director of TIKA visited some of the SAAD areas in Sorsogon during the validation activity for the proposed hauling truck for SAAD.

Closing SAAD Phase 1 this year, the program is currently conducting activities to link the existing SAAD associations in need of additional support to other programs and agencies to encourage sustainability and enhance the livelihood packages given to them.

In preparation for the Phase 2 implementation which will run from 2023-2028, the program has also conducted orientation and consultation activities to areas to be covered per the approved GAA.

Monitoring Activities/Harvest Report/Enterprise Development

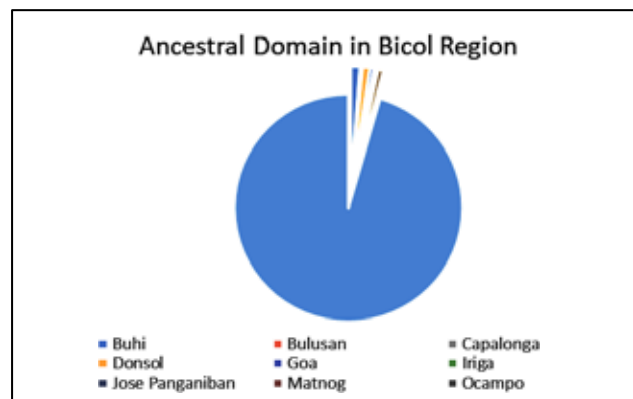


Kabuhayan at Kaunlaran ng Kababayang Katutubo (4Ks) Program

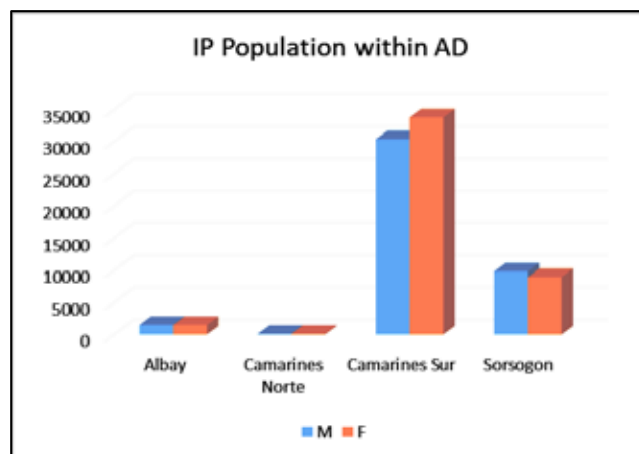
The Kabuhayan at Kaunlaran ng Kababayang Katutubo (4K) Program is a project to finally lift the IPs of the country from poverty by developing their Ancestral Domain through productive endeavors. The 4K Program has been implemented all throughout the country with the help of the National Commission on Indigenous Peoples (NCIP), Provincial Local Government Unit (PLGU) and Municipal Local Government Unit (MLGU).

The 4K Program in the region had catered to various IP communities in Albay, Camarines Norte, Camarines Sur and Sorsogon. The objective of the program is to: (1) develop the ancestral domain of IPs in the region; (2) establish/strengthen the farmers' association in their respective communities; and, (3) improve the production and livelihood of IPs within the ancestral domain.

The 4Ks Program has P9,485,000 budget for CY 2022 –



Bicol Region has an area of 18,114.47 sq. km, and around 899.11 sq. km (4.96%) of it is recognized as an Ancestral Domain by NCIP.



As of June 2021, the total population of IPs within their respective AD is 86,228. Out of the total population, there are 1,147 individuals were benefitted by the program, that is 1.3% of the total population.

For FY 2022, there are 9 IP community-beneficiaries in Camarines Norte, Camarines Sur and Sorsogon, one (1) in the municipality of Labo, five (5) in Ocampo, two (2) in Pilar, and one (1) in Pilar. These communities received a package under the High Value Crop production, and Livestock and Poultry Production.

The following are the detailed physical accomplishment status update of the project components:

Table 1.1 Project Accomplishment per component as of November 30, 2022 (GAA 2022)

| Component | MFO | Indicator | Physical Accomplishment | | %Accom | Financial Accomplishment | | %Accom |
|--|-----|-------------------------------|-------------------------|--------|--------|--------------------------|-----------------|---------------|
| | | | Cummulative | | | Obligation | Disbursement | |
| | | | Target | Actual | | | | |
| Social preparation | | | | | | | | |
| IP/ICC Needs Assessment | | number of assessment | 9 | 9 | 100% | 180.90 | | 100% |
| Capacity Building | | number of trainings conducted | 18 | 18 | 100% | 556.40 | | 100% |
| Production and Livelihood | | | | | | | | |
| High Value Crop Production Package | | number of IPO | 9 | 9 | 100% | 3,613.40 | | 100% |
| Livestock and Poultry Production Package | | number of IPO | 9 | 1 | 11% | 2,639.52 | | 76% |
| Project Management | | | | | | 2,487.20 | | 78% |
| | | | | | | 9,4477.42 | 8,279.44 | 87.36% |

Part 3: Contributions to 8 Paradigms of the Department and/or 12 Key Strategies of One DA: A Holistic Approach to Agriculture and Fisheries Transformation

The Kabuhayan at Kaunlaran ng Kababayang Katutubo (4K) Program in Bicol Region aims to help the Indigenous Peoples to have their own livelihood and food security with the help of agricultural production. The Regional 4K Program Management Office gives various production and livelihood support and offer trainings and seminars to the IP beneficiaries. The RPMO also encourage IP farmers to organize their own or join existing farmer associations/organizations as this will help them in acquiring various government projects that can help them increase their assets as an association/organization. Also, the program caters all the IP women and youth to participate in every activity as part of Gender and Development (GAD) activities thru provision of agricultural inputs, trainings, machinery and equipment.

Part 4: Highlights of Accomplishment

Nine (9) onsite training workshops with a total of 180 individuals (76 male, 104 female) were trained. Deliveries of various agricultural interventions such as planting materials (1,350 budded calamansi, 1,350 grafted rambutan), free range chicken (2,070 heads), gilts (8 out of 18 heads), multi-cultivator (1 unit) and installation of greenhouse (6 units) in various IP community-partners of the 4K Program was distributed. Also training on operation and maintenance of the machinery delivered was already conducted. These agricultural interventions and trainings amounting to Php 7,478,637.00 were distributed and conducted to the various IP communities in the provinces of Camarines Norte, Camarines Sur and Sorsogon for the implementation of FY 2022.

Camarines Norte



Training for Livestock & Poultry Production in Malaya, Labo, Camarines Norte



Deliveries of rambutan, calamansi, carabao, free-ranged chicken and swine in the Ancestral Domain of Malaya, Labo, Camarines Norte

Camarines Sur



Training for Livestock and Poultry Production in Ocampo, Camarines Sur



Deliveries of planting materials in different IP communities in Ocampo, Camarines Sur

Deliveries of Carabao to the IP beneficiaries of Ocampo, Camarines Sur has been completed



Deliveries of chicken to the IP beneficiaries of Ocampo, Camarines Sur has been completed

Installed Greenhouse in Ocampo, Camarines Sur

Sorsogon



Deliveries of planting materials in different IP communities in Donsol and Pilar, Sorsogon

Deliveries of chicken and carabao to the IP beneficiaries of Pangpang, Donsol, Sorsogon has been completed



Deliveries of chicken and carabao to the IP beneficiaries of San Antonio Sapa, Pilar, Sorsogon has been completed



Deliveries of chicken and carabao to the IP beneficiaries of Banuyo, Pilar, Sorsogon has been completed



Greenhouse in Donsol and Pilar, Sorsogon



Distribution and training on the use of multi-cultivator in Donsol, Sorsogon



Banuyo, Pilar, Sorsogon

Monitoring of Community Gardens



San Jose Oras, Ocampo, Camarines Sur: during their harvest of 50kg pechay inside their greenhouse



Community garden in Hanawan, Ocampo, Camarines Sur

Updates on Previous IP Communities

Savings incurred under the program were used to install another 600k-worth of greenhouse in Brgy. Minadongjol, Sagñay, Camarines Sur.



Greenhouse in Minadongjol, Sagñay, Cam. Sur



Philippine Rural Development Project

As the country transitioned to the “New Normal” in 2022, the Department of Agriculture Philippine Rural Development Project (PRDP) remain focused to the attainment of the Project’s vision of a modern, value chain-oriented, and climate-resilient agri-fishery sector.

I-PLAN

As of December 31, 2022, the DA PRDP Regional Project Coordination Office (RPCO) Bicol has approved 19 value chain analyses (VCAs) that were translated into Provincial Commodity Investment Plans (PCIPs) of six provinces and one chartered city. By the end of 2022, the region has 40 commodities with Provincial Development Council (PDC) endorsement. PRDP Bicol also ranked first in terms of non-PRDP investment by value chain enablers as of October 28, 2022 with P11.3 billion reported leveraged resources from other non-PRDP enablers.

PRDP-Bicol I-PLAN Component Head Aloha Gigi Bañaria presents the accomplishments of the I-PLAN component during the RPCO Year-End Assessment for CY 2022 held in Pili, Camarines Sur on December 19, 2022.



I-BUILD

PRDP Bicol’s infrastructure development (I-BUILD) component has completed 19 subprojects worth an aggregate amount of P1.65 billion while 21 subprojects are ongoing. Of these, two I-BUILD subprojects worth P219.14 million were financed under the original loan while 19 SPs amounting to P3.83 billion were funded under the 2nd additional financing (AF2). On the other hand, PRDP Bicol has seven I-BUILD subprojects that are under procurement.



The Blessing and Turnover Ceremony of the DA-PRDP-funded I-BUILD subproject Rehabilitation/Improvement of Hacienda-Rawis

Farm-to-Market Road in San Miguel Island, Tabaco City was held on September 29, 2022.

IN PHOTOS: The DA mkPRDP I-BUILD subprojects Concreting of Junction Ogbong to Mabini Farm to Market Road in Viga, Catanduanes and Construction of AA Slaughterhouse in Ragay, Camarines Sur.



I-REAP

The enterprise development (I-REAP) component has a total of 28 completed subprojects worth P14 million. These I-REAP subprojects now benefit 16,121 households. PRDP Bicol has two approved I-REAP subprojects under AF2 with an aggregate amount of P25.7 million.



Photo taken during the Enterprise Development Activity and Strategic Planning for the proponent groups (PGs) of Sorsogon Pili Enterprise and the Sorsogon Abaca Fiber Trading Enterprise.



A screenshot of the DA PRDP I-REAP webinar on Disaster Risk Reduction (DRR) and Business Continuity Planning (BCP) on February 9-10, 2022

Three microenterprise subprojects under the PRDP Global Environment Facility (GEF) have completed their 100 percent physical targets, namely, the Seaweeds Nursery and Production Marketing Project in Magallanes, Milkfish Culture and Marketing in Pilar, and Seaweeds Production Project and Grouper Culture Proponent in Matnog. In addition, Butag Green Grouper Fish Cage Production Project in Bulan, Sorsogon has reported 87.3 percent physical accomplishment.

PRDP-GEF

One of the significant accomplishments of DA PRDP Bicol in 2022 was the recognition of two PRDP GEF-funded marine protected areas in the region. The Matnog Marine Protected Area in Matnog, Sorsogon received the 1st place National Award for Coral Cover Condition Category and the San Fernando Fish Sanctuary and Marine Reserve in San Fernando, Masbate garnered the 2nd place National Award for Management Effectiveness Tracking Tool (METT) and Management Effectiveness Assessment Tool (MEAT) category.



PRDP Bicol Voices:

PHILIPPINE RURAL DEVELOPMENT PROJECT

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MARILYN DEL MORO
Marketing Publications Officer
Office, Cebu, Central Luzon Region

PHILIPPINE RURAL DEVELOPMENT PROJECT

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IVYV G. BEGULLID
College of Agriculture and School of Fisheries
Department of Fisheries
Cebu, Central Luzon Region

PHILIPPINE RURAL DEVELOPMENT PROJECT

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ELVISA M. TORRES
Planning Strategist
Bicol Sea, Coast, and Fishery Division

PHILIPPINE RURAL DEVELOPMENT PROJECT

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JOSE SON EBETO
Planning Strategist
Bicol Sea, Coast, and Fishery Division

PRDP Bicol is committed to boost its performance and keep the momentum as the Project anticipate the implementation of the proposed 600 million dollar-worth PRDP Scale-Up, which will be implemented from 2024 to 2028.



Agribusiness and Marketing Assistance Division (AMAD)



KADIWA ni Ani at Kita was intensively implemented by AMAD 5 to facilitate food availability and accessibility amidst the pandemic. There are **30 KADIWA Stores** and **6 KADIWA On-wheels** regularly operates in the region which generated a total of **₱156 M** gross sales and benefitting **501,085** households.

Aside from being recognized as the region having the most number of KADIWA Stores in the country, AMAD Bicol facilitated the participation of FCAs in various **KADIWA ni Ani at Kita Selling Events** in Metro Manila. With a total volume of 2,709 MT of agri-tradeable commodities amounting to 154 M, the Agri-preneur Farmers and Producers Association, Inc. (AFPPI) had a total of 101 KADIWA events participated.



On **market matching**, a total of 11 MT of rice amounting to ₱440,000.00 and 15.2 MT of assorted fruits & vegetables, root crops, coco sugar and dried taro leaves amounting to ₱1.28 Million were linked to various institutional markets in and outside the region.



Moreover, AMAD conducted the Bicol Natural and Organic products Expo (BNOPE) in support to the Organic Agriculture Program to highlight and promote natural grown produce and organic products in response to the growing demand for safe food coupled with best farming practices which are protective to the environment. Participated by 23 organic agripreneurs/exhibitors, the 3-day activity generated a total of ₱500,950.00 gross sales.

Also, four (4) market-related events were funded in collaboration with Camarines Sur Chamber of Commerce and Industry (CSCCI), Naga City Chamber of Commerce and Industry (NCCCI) and Caritas-Caceres Naga, Inc which were participated in by various agri-fishery enterprises and generated a total gross sales amounting to ₱3.59M, providing an engaging venue for participants from both the private and public sectors to source, network, and meet suppliers safely and conveniently. Whereas, 4 local trade fairs were assisted with over ₱212,360.00 sales.



In response to sudden increase of agri-commodities in the region, AMAD conducted nine (9) Bantay Presyo Task Force Meetings and attended 9 Local price Coordinating Council (LPCC) Meeting, including consultations with LGUs and stakeholders of various commodities. Likewise, regular price monitoring in major markets in the region were intensively implemented.



In addition, 60 agri-enterprises were registered to FFEDIS to allow farmer-entrepreneur avail of agri-fishery based assistance such as grant, loan, market linkaging, participation to trade fairs and other programs of DA. FFEDIS is a web-based information system designed for databanking and profiling of agri-fishery related enterprises. The system is created in pursuant to Section 10 of the RA No. 11321, also known as the Sagip Saka Act that aims to assist the government in formulation of plans and programs on enterprise development.



For marketing logistics support to improve marketing system efficiency, 11 vehicles were issued Foodlane accreditation. Foodlane Project is spearheaded by the Department of Agriculture in collaboration with the Metro Manila Development Authority (MMDA), Department of Interior and Local Government (DILG), and the Philippine national Police (PNP) to ensure efficient distribution of agricultural products from the production sites to the major demand centers of Metro Manila that provides 24-hour access to truck/vehicles in designated foodlane routes.

For the **Young Farmers Challenge Program**, series of orientations and information caravans were conducted and participated to promote the FY 2022 Young Farmers Challenge. Six (6) Batches of Business Model Canvas Preparation Training and two (2) Agri-entrepreneurial Training were conducted covering the 6 provinces of the region. A total of 110 youths participated in the program, generating 81 business canvass models in provincial level: 62 of which are individually managed and 19 are group-managed enterprises; 7 awardees in the regional level, and 1 national finalist.



Furthermore, for KADIWA Agribiz Assistance for Youth and OFW (KAAYO) Program, 6 information caravan were conducted throughout the region and participated by 212 OFWs.



ADMINISTRATIVE AND FINANCE DIVISION

One of the most important and valuable resources of any organization is its employees. The Administrative and Finance Division of DA RFO 5 is mainly responsible in ensuring the total development of its manpower resources. Likewise, the Division takes charge of Financial transactions and Property Management.

The AFD takes the lead in the various preparatory activities in the office quest to be ISO Certified and for Quality Management System to be institutionalized. Virtual trainings and workshops were conducted by Macro Vision Consultancy beginning last quarter of 2021 up to 2022. Procedures and Processes for various offices were prepared, refined and finalized. Internal Audit were conducted for all divisions. A total of three (3) Systems Audit were done by the consultants aimed at validating all major revisions, updating and completion of processes and procedures and verification of the readiness of DA RFO5 before the On-Site visit and Mock Audit.

The Management Review Meeting was held December 6, 2022 where the ISO Facilitator Ms. Rosario C. Sales presented the activities and status of ISO preparation. Ms. Elizabeth Banda, the Lead Auditor also presents the internal audit result conducted March 21-25, 2022.

The 3rd Party Certifying Body was the PT AJA Sertifikasi Indonesia Philippines.

Meanwhile, the SCPMT and Medical Team facilitated the COVID-19 vaccination of employees both for the initial doses and booster shot with 98% of the total workforce vaccinated. As part of the Service Continuity Plan, during the pandemic safety and health protocols were continuously observed in the workplace.

Under the program for Elderly and Differently Abled Persons, conducted two seminars on healthy aging process and Pampering and De Stressing Day.

SCPMT Vaccination



With skyrocketing prices of fuel and electricity plus construction of new buildings requiring additional electricity costs, the energy conservation program is strictly being enforced with the designation of Energy Conservation Officer, Energy Focal Person and Monitoring Committee who keep track of prudent usage and consumption.

As part of the Digitization Program of the Office, the Financial and Document Tracking System has been put in place to ensure expeditious, timely and accurate processing of financial transactions and tracking of incoming and outgoing documents.

The various ISO controlled forms were implemented effective Feb. 2, 2022 in preparation with the upcoming external third party ISO 9001:2015 certification.

Implemented and initiated the Zumba and Fitness Hour every Friday of the month from 4:00 -4:30 pm. The Divisions are taking turns in hosting the thirty minute activity.

The office also continuously provided shuttle services for employees up to the end of the year 2022.

Spiritual needs of employees are addressed through First Friday Mass and Novena to Mother of Perpetual Help every Wednesdays of the month.

Conducted early procurement activities for CY 2023 starting in October 2022

Annual Physical Inventory Taking of Plant Property Equipment in the Regional Office, Research Outreach Stations and Operating Units and facilities were undertaken.

Compliance with under the General Insurance Law with a total of 101 buildings and PPE insured with GSIS for a total amount of Ps. 3,693,450.26.

Disposal of junk waste materials and remnants of various reparis and rehabilitation works were undertaken through Public Bidding generating a total income of Ps. 1,509,076.25.

Recorded liquidation report from unliquidated fund transfers to various PLGUs, LGUs, GOCCs, NGAs and other implementing agencies in the amount of Ps 89,665,861.30 or 55% of unliquidated fund transfers through the effort of Ad Hoc Monitoring Committee.

Up-to-date submission of Financial Accountability Reports (FARS) other Financial Reports to Central Office, COA and DBM; FY 2023 Budget Preparation Report and Budget Proposal

More efficient processing of disbursement vouchers that facilitate immediate utilization of NCA subject to Accounting rules and regulations.

Elderly and Differently Abled Persons Activity



Zumba and Fitness Hour



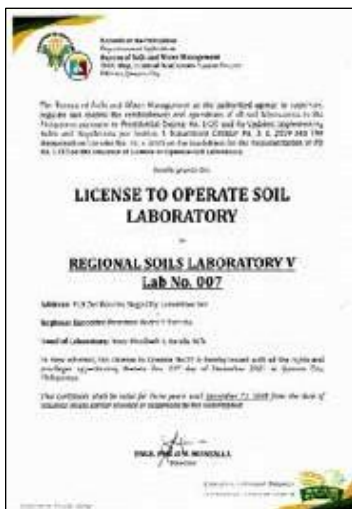


Integrated Laboratories Division (ILD)

The Integrated Laboratories Division mandates the rationalization and strengthening of DA National and Regional Laboratory Services of the department, regulatory and with ISO/IEC 17025:2017 accreditation standard requirements as the Department is anticipating an increase in inflow and outflow of commodities in the region. Through this, the division conducted a series of trainings which was participated by licensed, Agriculturist and other technical staff.



Figure 1: ILD Staff together with the Resource Person from Southern Metrology and Calibration Services, Inc.



The RSL has been issued with Certificate of License to Operate by the BSWM as the authorized agency to supervise, regulate and control the establishment and operations of all soil laboratories in the Philippines pursuant to PD No. 1435 and its updated implementing Rules and Regulations per Section of DC no. 3 s. 2019 and the MC no. 33 s. 2020 on the guidelines for the implementation of PD No, 1435 on the issuance to LTO-Soils Laboratory.

Leading to the state-of-the-art-laboratory, High-end Equipment from BSWM were delivered and installed to the new ILD building for the participation of DA-RSL-5 to the National Soil Health Program (NSHP) and ISO 17025:2017. Also, the BSWM under NSHP conducted an international trainings entitled: *ICP-OES Training, Agilent Technologies, in Yishun, Singapore and Application Training 2022 of Microwave Digestor and other Bergh of Instrument Products in Berghof Company, Eningen, Germany*. This was participated by the selected DA5 RSL staff.



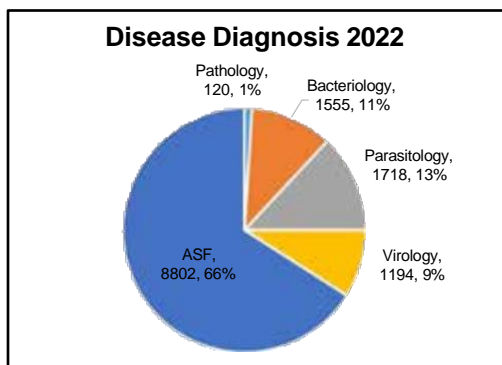


Figure 3: Summary of Accomplishments of RADDL for CY 2022.

Regional Animal Disease Diagnostic Laboratory (RADDL) performed a total of 13,389 disease diagnostic test in the field of Pathology (120, 1%), bacteriology (1,555, 11%), and parasitology (1,718, 13%), virology/FAT (1194, 9%) and virology/ASFV (8,802, 66%). No specific target was set for African Swine Fever (ASF) yet our laboratory has received significant number of samples for testing (Figure 3). The available record showed that ASF has the highest number of samples tested compared to those that were included in the routine testing of samples for other animal diseases.

Thus, the laboratory operation was occupied by series of testing for the compliance of Memo Circular No. 35 series of 2022 (Amended Guidelines on the Application and Renewal of Certificate of Free Status of African Swine Fever (CFS-

ASF) to Facilitate Unhampered Delivery of Healthy Swine and Safe Pork and Related Commodities to Target Destinations) and transforming red zones to pink and yellow zone to achieve ASF Free status and to eventually begin repopulation and boost the swine industry in our area.

Due to the recent outbreak of Trypanosomosis (Surra) in horses in Masbate, the number of samples has also increased significantly.

The Rice Crop Protection Center (RCPC) conducted forty (40) trainings on biological control agent utilization for rice & corn in the provinces of Masbate, Sorsogon, Albay & Camarines Sur. Said trainings were aimed to introduce and discuss to farmers the importance and use of biocontrol agents.



Figure 4. The ILD Chief Mr. Lorenzo Alvina together with Mr. Anacleto Esplana, RCPC Chief and a representative from Region 4A discussed the new emerging pest of sineguelas.

A representative from Region 4A visited the DA RFO5- ILD Office to show and discussed the new emerging pest of sineguelas leaf beetle or SLB.

Regional Animal Disease Diagnostic Laboratory (RADDL)

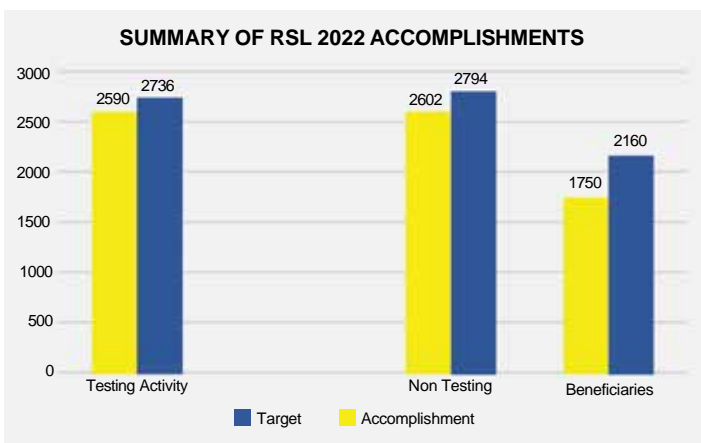
The Regional Animal Disease Diagnostic Laboratory (RADDL) was established in response to the need for accurate animal disease diagnosis to boost livestock and poultry production in our region. The laboratory conducts a variety of laboratory diagnostic procedures, this include pathology (necropsy), serology (HA-HI test for New Castle Disease and other disorders of economic relevance), parasitology (fecalysis, blood parasite examination), bacteriology (bacterial isolation, brucella), ELISA enzyme-linked immunosorbent assay (Caprine Arthritis and Encephalitis Test), and virology (Rabies examination using FAT). Also support in carrying out the Department of Agriculture's responsibility to prevent and control the spread of contagious animal conditions by promptly releasing reliable laboratory results and collecting samples in the field for disease monitoring and surveillance purposes.



They analyzed a total of 3,365 samples exceeding its target of 3,270 samples for 2022. Clients/beneficiaries served by the laboratory totaled 704 (males= 504; females 200). They also collected a total of Ps 515,850.00 from all the test conducted/services offered most coming from ASF testing.

They participated in RADDLs/ADDRL Molecular Diagnosis Parallel and Result Validation last August 29 to Sept 2, 2022, Region 13 Butuan City, participated as Resource Speaker in coordination with LGU Bula, Camarines Sur and in Trainer’s training on Rabies lateral flow device diagnosis, Straw sampling method, Rabies data share system, rabies one health rapid response. RADDL served as a training ground for the Veterinary Medicine Students for Central Bicol State University of Agriculture (CBSUA).

Regional Soils Laboratory (RSL)



The Regional Soils Laboratory (RSL) is mandated to provide soil testing, fertilizer recommendations, water, plant tissue and fertilizer analysis services to farmers, researchers and entrepreneur for profitability through proper nutrient applications based on reliable, timely and quality laboratory.

For this year, RSL analyzed 2,736 under regular programming and 1,050 under special projects and researches (walk-ins) with a total of 3, 786 soils samples with fertilizer recommendations for 3242 farmer’s and other stakeholders for areas of various commodities such as rice, corn and high value

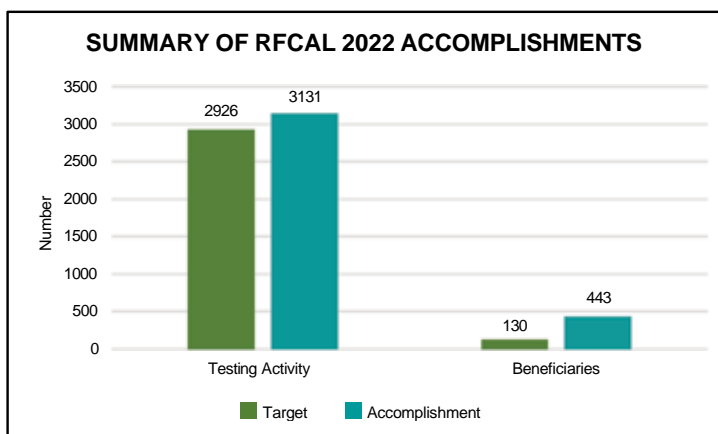
crops. Water and plant tissue analysis were done with 158 and 30 samples respectively. The RSL served a total of 2,168 farmer/beneficiaries.

On the rapid testing side, the laboratory refilled and distributed 101 soil test kits (STK) to the requesting LGUs and farmers’ association. The Laboratory collected a total of Ps 135,560.00 from all the test conducted/services offered.

DA-RSL-5 facilitated the conduct of technical orientation/trainings on the proper soil sample collection and protocol (LGU funded) in Tigaon, Calabanga, San Fernando Camarines Sur; Legaspi and Sto. Domingo, Albay; Pilar and Donsol Sorsogon.

Regional Feed Chemical Analysis Laboratory (RFCAL)

The REGIONAL FEED CHEMICAL ANALYSIS LABORATORY has accomplished 107% out of 2,926 target number of determinations for CY 2022. Beneficiaries served by RFCAL are Provincial Animal Feeds and Veterinary Drugs and Biologics Control Officers (PAFVDABCOs) under the Regulatory Division, Farmer Beneficiaries from selected LGUs in the province of Albay where the laboratory is currently situated at, student researchers from the academe, researchers from the Research Division of the agency and other walk-in clients for feed related purposes.



Determinations conducted include Crude Protein Analysis, Moisture Content Determination, Crude Fiber Analysis, Crude Fat Analysis, Ash Analysis, Salt as Sodium Chloride Analysis, Calcium Analysis, Phosphorus Analysis and Aflatoxin Analysis for feed samples.

Customers served is 443 (220 females; 223 males) which is at 341% from the target beneficiary of 130 (90 females; 40; males). The main reason for the high deviation of accomplishment from the target is the number of sample/s brought in by customers. Lesser number of samples (one or two samples only) per customer from LGUs (Farmer Beneficiaries) as compared to PAFVDABCOs from the Regulatory Division which is 10-15 samples per feed collector. The samples from LGUs largely contributed to RFCAL’s accomplishment which resulted to high percentage of beneficiaries served.

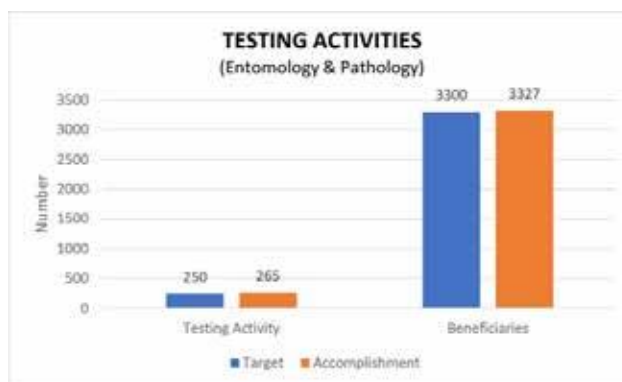
As part of the Integrated Laboratories Division, the Laboratory’s major function is in support to the Regulatory Division that issues permits and clearances to feed retailers and feed millers operating within the Bicol Region, by virtue of Republic Act 1556. Feeds and Ingredients’ standard nutritive/ contaminant values from BAI are the basis of the Laboratory for compliance or non-compliance to food safety and animal welfare regulations by feed manufacturers or feed retailers.

The RFCAL is the DA-authorized facility mandated to analyze feed mixes and feed ingredients for the stated purpose. The output of RFCAL operations is the release of Report of Analysis (ROA) to the authorized Feed Inspectors/Collectors of the Regulatory Division. The RFCAL collected a total of

Ps 12,036.00 only from all the test conducted/services offered.

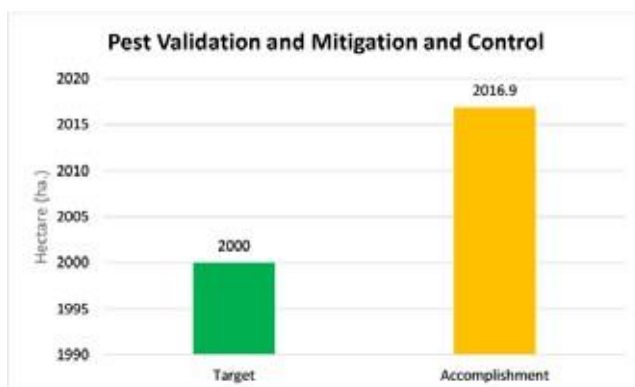
Regional Crop Protection Center (RCPC)

A total of 265 plant sample/specimen out of 250 samples/specimens target for 2022 were dissected and diagnosed for entomology and pathology through microscope and visual means. They served a total of 3,327 farmers/beneficiaries.



Biocontrol agents against common pest of corn, rice and vegetables were produced and distributed for free to farmers. A total of 3,069 pieces and 5.18 million packs of earwig and *Trichoderma harzianum*, respectively, were produced and distributed to farmers. Likewise, 6,050 packs, 285,580 cards and 10,050 cards of *Metarhizium anisopliae*, *Trichogramma evanescens* and *Trichogramma chilois* respectively, were distributed to farmers.

Pest validation and distribution of pesticides for mitigation and control were conducted. Chemicals were given to LGUs with reports on pest occurrences upon validation. A total area of 2,016.9 ha. was validated and provided with insecticide, fungicide and rodenticide for control of pest and disease of rice, corn and vegetable





Planning, Monitoring and Evaluation Division (PMED)

“Coming together is a beginning; keeping together is a progress; working together is a success.” – Edward Everest Rale.

In 2022, the Planning, Monitoring and Evaluation Division (PMED) of DA-RFO 5, continues to collaborate with the agency’s Divisions, Banner Programs and Projects, National Government Agencies, Private sectors and other stakeholders to perform its major responsibilities of facilitating the creation of the DA -RFO 5’s Annual Plan and Budget Proposal, monitoring and reporting on the region’s agricultural development, maintaining the National Information Network (NIN), and updating the region’s agriculture database.

Planning and Programming

PMED had a banner year in 2022, crafting numerous plans in support to the improvement of the agriculture sector in the region. This was kicked-off with the release of the FY 2022 GAA by the Department of Budget and Management (DBM) wherein, the section took charge in presenting the year’s agency budget to the MANCOM. This was followed by the cascading the approved physical and financial targets of the respective banner programs, locally funded and special projects as well as the preparation of the FY 2022 Work and Financial Plan.



Cascading of FY 2022 Targets



Consultation with CSOs and Other Stakeholders on FY 2023 Plan and Budget Proposal (March 15, 2022)

Moreover, PMED spearheaded the crafting of the FY 2023 Plan and Budget Proposal starting with the Consultation with Civil Society Organizations (CSOs) to ensure that programs, projects, and activities of the region were properly discussed with the stakeholders in line with the Government’s commitment to Open Government Partnership in creating space for citizen participation. After this consultation, the proposal was further reviewed and enhanced in preparation for its presentation during the Annual Budget Technical Review with the DA-Central Office. This was followed by the submission of the FY

2023 Plan and Budget Proposal Forms wherein the section was able to facilitate the FY 2023 Budget Proposal amounting to Ps 4,518 Billion. PMED also participated in the Budget Hearings called upon by the Committee on Appropriations of the House of Representatives and the Senate. This was soon followed by the Finalization of the Agency’s FY 2023 Plan and Budget upon the issuance of National Expenditure Program, and the preparation of the FY 2024 Plan and Budget submitted to the National Economic Development Authority (NEDA).

Also, during the 1st Quarter of FY 2022, PMED organized several activities related to the updating of National Agriculture and Fisheries Modernization and Industrialization Plan (NAFMIP) 2021-2030. NAFMIP is a 10-year plan that aims to transform the agriculture and fisheries sectors in the Philippines into a modern and responsive part of the economy and society. Briefings on the NAFMIP consultation process, regional and provincial workshops, and stakeholder engagements were conducted. Additionally, PMED the presentation of the NAFMIP 2021-2030 Operationalization Guidelines and the Mid-year Assessment of the DA Planning Offices for FY 2022.



Presentation of the NAFMIP Operationalization Guidelines and Assessment of Regional Planning Officers of DA

In view of the implementation of the Mandanas-Garcia Ruling, Executive Order No. 138 which was signed on June 01, 2021 that transfers basic services and facilities to the LGUs in order for the National Government Agencies (NGAs) concerned can assume more strategic and steering functions to address persistent development issues, the DA-RFO 5 through PMED had attended series of consultations and meetings with the concerned offices on the guidelines jointly issued by the DBM and the Department of Interior and Local Government (DILG) on the crafting of the Devolution Transition Plans (DTPs) of NGAs concerned and LGUs.

Immediately after the meeting with the DA Central Office on July 08, 2021, DA-RFO 5 spearheaded a dialogue and consultation with the LGUs for the preparation and submission of the LGUs matrices as stated in the DA Memorandum dated 12 October 2021 by Dir. Bernadette F. San Juan. As COVID-19 pandemic looks to last a while, where travel restrictions and social distancing are still being imposed, DA-RFO 5 was forced to conduct activities through online approach and attended various DTP's preparation-related activities. To determine the phasing of the LGU's devolution activities for CY 2022-2024, the matrices were presented during these meetings and later sent to respective email addresses of the Provincial/Municipal/City Agriculturist and attending technicians, for their guidance and reference. Furthermore, respective LGUs submitted their consolidated outputs to PMED's official email address. Despite the limited time given and unstable internet connection, DA-RFO 5 was still able to gather 100% DTP submission from the provincial level while 99% from the municipal.

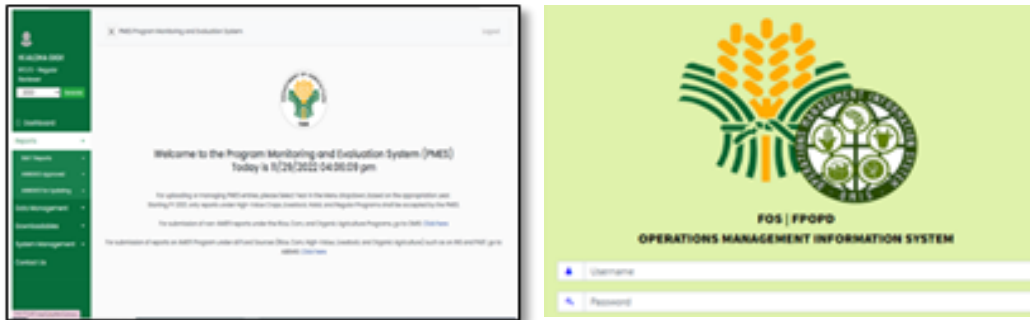
Monitoring and Evaluation (M&E)

PMED is also responsible for the monitoring and evaluation of different programs, projects and activities implemented in accordance with the approved plans and provide feedback mechanism to the management to make decisions to improve the efficiency and effectiveness of the programs/projects.

The division conducted series of meetings and consultations namely four (4) Report Officers Meetings and two (2) Program Implementation Reviews (Mid-Year and Year-End) in order to evaluate the performance of the agency and to identify best practices in addressing the challenges in the full implementation of the programs. Despite the 'new normal' caused by pandemic and other economic crisis, these meetings were still conducted through a blended approach. Nevertheless, the activities were proactively participated by the Management, Division Chiefs, Banner Programs, Locally-Funded Projects, Research Outreach Stations (ROSeS) Superintendents, and Report Officers.



Further, six (6) field monitoring activities of on-going and completed DA-RFO 5 projects were conducted by the section. In addition, various reports were prepared and submitted by the section such as Budget Accountability Reports (BAR-1), Annual Reports, and Gender and Development (GAD) Accomplishment Reports. Agency Performance Reports were also submitted to the DA- Central Office and other oversight agencies like NEDA, COA, PCW including those requested by other agencies (BSP, PSA). Aside from this, M&E section has also actively participated in the Department's and National Program Directorates' Assessment activities.



For tracking of Physical Accomplishments, the division utilizes the web-based monitoring systems rolled out by the DA Planning and Monitoring Service- Monitoring and Evaluation Division (PMS-MED) which are the Google Drive and Program Monitoring and Evaluation System (PMES). On the other hand, Operations Management Information System (O-MIS) is operated and managed by Field Operation Services (FOS).

Validation and approval of monthly physical accomplishments through OMIS for Rice, Corn, and Organic Agriculture Program while Uploading of offline annexes of the Livestock and Poultry Program, HVCDP, and VSS through PMES were conducted by the section. These systems facilitated proper and accurate reporting of the office's accomplishment to Field Program Operational Planning Division (FPOPD) and MED both in Central Office (CO).

Likewise, the division was also in charge with the consolidation and preparation of the DA RFO's Annual Reports in partnership with RAFIS.

CSO Accreditation and Project Development

PMED also serves as the lead secretariat for the DA's Accreditation of Civil Society Organizations (CSOs), which seeks to encourage people's participation in agricultural development based on the principle of good governance and to ensure that only CSOs that have received DA accreditation can participate in the implementation of agriculture and fisheries initiatives and programs. To achieve this, the division conducted field validations of 22 farmer cooperatives and associations in the region and facilitated issuance of Accreditation Certificates to 13 farmer cooperatives and associations in the region.

PMED is also responsible in the preparation as well as evaluation and validation of submitted project proposals of DA's Banner Programs, ROSes, LGUs, CSOs, and private sectors. For 2022, the division created two (2) project proposals, assessed 44, and endorsed 4 projects.

Information and Communication Technology (ICT)

PMED maintained and operated one (1) NIN station and ensure at least 12 hours internet and intranet operation at 100% full coverage during office hours. The program also facilitated the preparation and submission of the Plan and Budget Proposal under the Medium-Term Information and Communications Technology Harmonization Initiative(MITHI) Proposal for FY 2024-2026 amounting to Ps 385.5 Million. This aims to harmonize and ensure interoperability among ICT-related resources, programs, and projects of DA RFO 5.



Regional Agricultural Engineering Division (RAED)

The Regional Agricultural Engineering Division (RAED) provides the increasing needs of farmers for various farm machineries and equipment, postharvest facilities, irrigation projects, infrastructure projects by supporting the agricultural and bio systems engineering concerns of the Rice, Corn, HVCD, Organic, Livestock Program, 4Ks and SAAD program activities. Major tasks include validation of site/project, survey, preparation of specifications, plans and estimates, project supervision, monitoring, geo-tagging, inspection of projects and post-monitoring activities among other shown below:

| Banner Program | Scope of Activities | | | | | | | | | | |
|----------------------|---------------------|---|---|---|---|---|---|---|---|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Rice | | | | | | | | | | | |
| Corn | | | | | | | | | | | |
| HVCD | | | | | | | | | | | |
| Organic | | | | | | | | | | | |
| Livestock | | | | | | | | | | | |
| SAAD | | | | | | | | | | | |
| Various Program | | | | | | | | | | | |
| Other Divisions | | | | | | | | | | | |
| Research Outreach | | | | | | | | | | | |
| Stations Development | | | | | | | | | | | |
| FMR | | | | | | | | | | | |

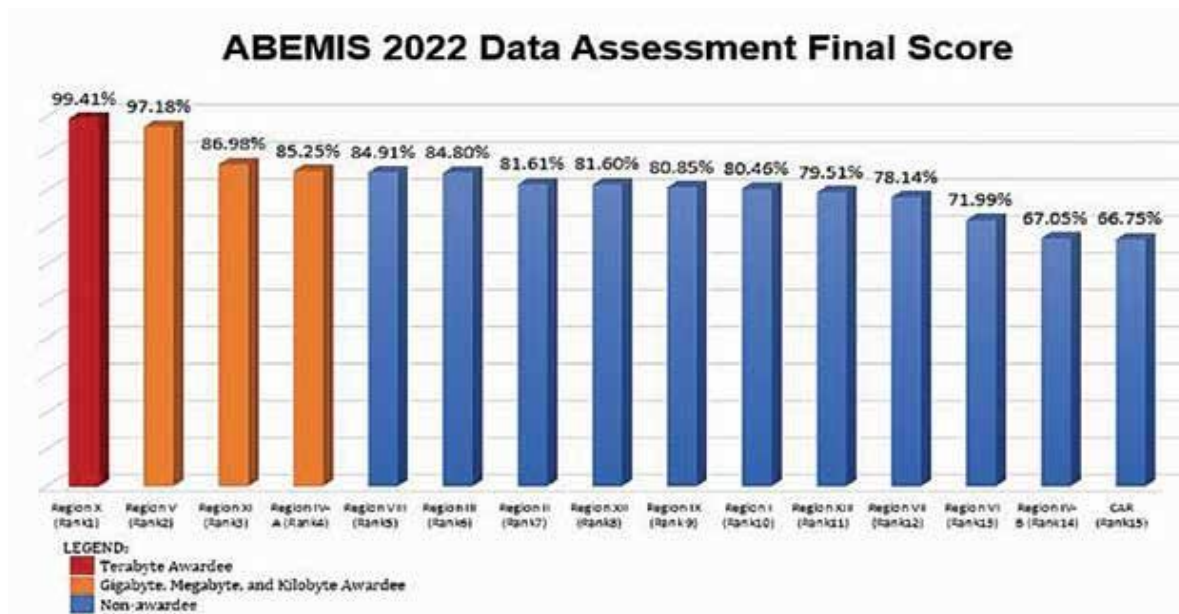
Legend:

| | |
|----|---|
| 1 | Validation of Proposed Project/ to be Recipients |
| 2 | Endorsement to Central Office of Validation Report (For FMR only) |
| 3 | Preparation of Specifications for Equipment (Goods) |
| 4 | Plan Preparation and POW preparation (For Infra) |
| 5 | Topographic Survey |
| 6 | Inspection of Delivered Equipment |
| 7 | Distribution of Equipment |
| 8 | Implementation of Project (Infra) |
| 9 | Monitoring of completed project by DPWH (For FMR only) |
| 10 | Inspection (Infra) |
| 11 | Monitoring of Project Established |

HIGHLIGHTS OF ACCOMPLISHMENTS

A. Rank 2nd in ABEMIS Implementation of Agri Machinery and Infra Projects

The Agricultural and Biosystems Engineering Management Information System (ABEMIS) is a national online database system with functions including the inventory and implementation of all agricultural and fishery and equipment, irrigation, farm-to-market- roads and other related infrastructures.



B. ACCOMPLISHMENT BY SECTION

ENGINEERING PLAN DESIGN AND SPECIFICATION SECTION

a) Validation of projects, machineries and facilities proposed for CY 2022

A total of 561 proposed projects representing an increase of 270% were validated for FMP, SSIP and PAEF out of the 208 targets. The additional sites represents the additional requests or replacements site of those validated to be non-feasible.

| PREXC Program/Sub-Program | Unit of Measure | Annual Target | Accomp. to Date | Percent |
|--|-----------------|---------------|-----------------|-------------|
| Validation of request under the Farm Mechanization Projects (FMPs) | number | 80 | 228 | 285% |
| Validation of request under the Small Scale Irrigation Projects (SSIPs) | number | 80 | 180 | 225% |
| Validation of request under the Post-harvest Equipment and Facilities (PAEF) | number | 48 | 153 | 319% |
| TOTAL | | 208 | 561 | 270% |



b) Topographic Survey

These complex irrigation systems are further subjected to engineering surveying works to determine actual location of major infrastructures, route of the pipes/canals as well as the affected lot/land that would require ROW/DOD documentation. All in all, a total of 35 were topo surveyed using total station instrument, while drone were utilized to document the service area.

| Project Type | New Construction | Repair/ Extension | TOTAL |
|--|------------------|-------------------|-----------|
| Solar Powered Irrigation System (SPIS) | 16 | 2 | 18 |
| Diversion Dam (DD) | 5 | 7 | 12 |
| Small Water Impounding Projects (SWIP) | | 5 | 5 |
| TOTAL | 21 | 14 | 35 |



c) **Preparation of detailed engineering design (DED) and program of work (POW)**

There were 220 Detailed Engineering Design & Program of Work prepared as requested by the different DA banner programs. These are as follows:

| Program | Detailed Engineering Design & Program of Work |
|--|---|
| • RICE | 30 |
| • CORN | 3 |
| • HVCDP | 22 |
| • ORGANIC | 11 |
| • LIVESTOCK | 13 |
| • INSPIRE | 43 |
| • NUPAP | 5 |
| • SAAD | 3 |
| • LIVESTOCK | 13 |
| • "PAENG" | 29 |
| • "KARDING" | 2 |
| • BAYANIHAN | 4 |
| • 4K'S | 2 |
| • OTHER INFRA (ROSEs, DA Building improvements and repairs) | 41 |
| TOTAL | 220 |

In the process of plan preparation, the sites were subjected to ocular inspection, validation and revalidation to ensure that plans fit the actual conditions. In the case of the INSPIRE project, four modular plans for the fencing, swine house, bodega and waste treatment plan were prepared for each of the sites. The INSPIRE project were implemented in 43 sites all over Bicol region.

PROGRAM AND PROJECT MANAGEMENT SECTION

a) **Project and Programs Implementation**

A total of 223 projects were implemented out of the CY 2022 targets representing 108% accomplishment.

| PREXC Program/Sub-Program | PHYSICAL ACCOMPLISHMENT | | | |
|--|-------------------------|---------------|-------------|-------------|
| | Unit of Measure | Annual Target | Acc to Date | % ACC |
| Implementation of request under the Farm Mechanization Projects (FMPs) | number | 80 | 90 | 113% |
| Implementation of request under the Small Scale Irrigation Projects (SSIPs) | number | 80 | 80 | 100% |
| Validation of request under the Post-harvest Equipment and Facilities (PAEF) | number | 48 | 53 | 110% |
| TOTAL | | 208 | 223 | 108% |

The increase in numbers of projects implemented were brought about by the savings during the procurement process. Thus, with a corresponding increase in percentage accomplishments.

b) **ABEMIS maintenance and updating**

As the national database of all RAED assisted projects, the ABEMIS is updated monthly by inputting the status of projects, uploading of copies of required documents, pictures and other evidences necessary to illustrate project status.

| PREXC Program /Sub-Program | PHYSICAL ACCOMPLISHMENT | | | | Remarks | FINANCIAL ACCOMPLISHMENT (Ps '000) | | | | | |
|--|-------------------------|---------------|-------------|------|---|------------------------------------|-----------------|-------------------|---------------|--------------------------------|-----------------------------------|
| | Unit of Measure | Annual Target | Acc to Date | %ACC | | Allotment (Ps) | Obligation (Ps) | Disbursement (Ps) | Balances (Ps) | Obligation over Allotment (Ps) | Disbursement over Obligation (Ps) |
| Program, Project Management and Utilization of the Agricultural and Biosystem Engineering Monitoring Information System (ABEMIS) | percentage | 100 | 100 | 100% | | | | | | | |
| Updated Procurement Milestone | | | | | | | | | | | |
| Uploading of additional attachments | | | | | | | | | | | |
| Uploading of POW | | | | | | | | | | | |
| Updated actual monthly physical accomplishment | | | | | | | | | | | |
| Establishment of Agri-Machineries Machinery and Equipment Service Centers IAFMESCI | | | | | | | | | | | |
| Needs assessment of target pilot AFMESC sites | number | 4 | 4 | 100% | Sorsogon City, Nabua West, Calabanga Organic, Albay Agri Coop | | | | | | |

Meanwhile, preparation on the establishment of Agri-Machineries Machinery and Equipment Service Centers (AFMESC) were done through identification and assessment of potential sites within the region. The AFMESC shall be operated as business enterprises that will provide the following services:

- ✓ Custom plowing, harrowing, harvesting, drying, milling and another farm mechanization services.
- ✓ Repair and troubleshooting services of agricultural and fishery machinery and equipment; and
- ✓ Training of maintenance and proper use of agricultural machineries and equipment.

Prescribed further in Section 13 of the AFMech Law is that all AFMESCs shall have a minimum of manpower complement of licensed agricultural and bio systems engineers and TESDA certified agri-fishery machinery operators and technicians to ensure efficient operation and maintenance and good management practices. Based on set criteria, target sites namely: LGU Sorsogon City, Nabua West Cooperative, Calabanga Organic Cooperative and Albay Agri Coop. were assessed.

STANDARD REGULATION AND ENFORCEMENT SECTION

a) **Orientation/ Training on the Registration of Agricultural and Fishery Machinery Equipment System (RAFMES)**

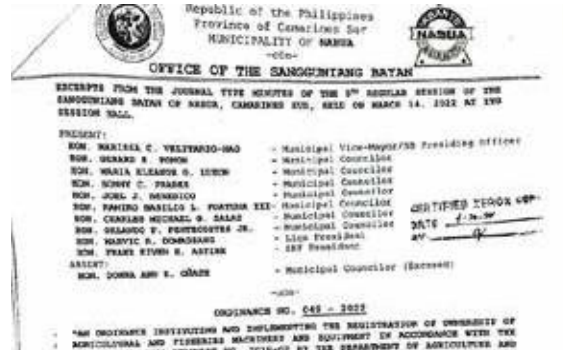
Orientation/tutorial of the remaining LGUS who are not yet familiar with RAFMES were visited by the SRES team and oriented about the latter. Part of the orientation were the hands-on utilization of the online program of the RAFMES, distribution of flyers and the PRO FORMA resolution for the Sangguniang Bayan promulgation relative to the Registration of Ownership for Agri. and Fisheries Machinery and Equipment (ROAME).

It is expected that the oriented/tutored LGU officers particularly the MAOs would be able to explain the important features of the ROAME and the need for the LGUs to follow the provisions of RA 10601 or the Agriculture and Fishery Mechanization law. so far, there are five (5) LGUs who were able to pass their municipal ordinance.

b) **Processing of Permit to Operate (PTO)**

Meanwhile, Acceptance, Review and Endorsement of Applications to BAFE for Permit to Operate (PTO)

were undertaken for a total of 25 agricultural machinery and equipment Manufacturers, Fabricators, Distributors, Dealers, Importers and Exporters (MFADDIEs) of region 5. So far, 19 have been approved for 2022 while, four (4) are still pending at the office of the Bureau of Agriculture and Fisheries Engineering (BAFE) and two (2) were denied.



| PREXC Program/ Sub-Program | PHYSICAL ACCOMPLISHMENT | | | | Remarks | FINANCIAL ACCOMPLISHMENT (Ps '000) | | | | | |
|---|---|---------------|-------------|-------|--|------------------------------------|-----------------|-------------------|---------------|--------------------------------|-----------------------------------|
| | Unit of Measure | Annual Target | Acc to Date | % ACC | | Allotment (Ps) | Obligation (Ps) | Disbursement (Ps) | Balances (Ps) | Obligation over Allotment (Ps) | Disbursement over Obligation (Ps) |
| PROGRAM1 | | | | | | | | | | | |
| Conduct of Orientation/ Training on the Registration of Agricultural and Fishery Machinery Equipment System (RAFMES) | Number of trainings conducted on the use of RAFMES | 15 | 15 | 100% | | | | | | | |
| Implementation of LGU Ordinances on Registration of Ownership for Agri. and Fisheries Machinery and Equipment (ROAME) | Number of LGUs assisted in the promulgation of Ordinances for ROAME | 97 | 97 | 100% | 2020 2021 20 LGUs with approved ordinance, 2022 5-LGUs with ordinance approved | | | | | | |
| Acceptance, Review and Endorsement of Applications to BAFE for Permit to Operate (PTO) | Number of MFADDIES assisted on their application for PTO and endorsed to BAFE | 100% | 100% | 100% | Total 2022-25 Approved 19, On-going at BAFE-4, Denied-2 | | | | | | |

c) Inspection of PTO Applicants

Before applications who passed the initial screening are recommended to BAFE for approval, an ocular inspection are conducted to verify MFADDIE applicant establishment through pre-coordinated site inspection. So far, 26 of these establishments were visited in CY 2022 representing 100 percent of the targets.

| PREXC Program/ Sub-Program | PHYSICAL ACCOMPLISHMENT | | | | Remarks | FINANCIAL ACCOMPLISHMENT (Ps '000) | | | | | |
|---|------------------------------------|---------------|-------------|-------|-------------|------------------------------------|-----------------|-------------------|---------------|--------------------------------|-----------------------------------|
| | Unit of Measure | Annual Target | Acc to Date | % ACC | | Allotment (Ps) | Obligation (Ps) | Disbursement (Ps) | Balances (Ps) | Obligation over Allotment (Ps) | Disbursement over Obligation (Ps) |
| PROGRAM 1 | | | | | | | | | | | |
| Inspection activities for the Issuance of Permit to Operate (PTO) | Number of establishments inspected | 100 | 100 | 100% | 26 MFADDIES | | | | | | |

d) **After-Sales Service Compliance Monitoring (ASSCM) and Information Campaign**

To make sure that the MFADDIES are providing the necessary service to their farmer clientele, After-Sales Service Compliance Monitoring are conducted randomly among the PTO holders in the region. So far, a total of 50 ASSCM were conducted in 2022 which represents 100% of the target.



| PREXC Program/ Sub-Program | PHYSICAL ACCOMPLISHMENT | | | | Remarks | FINANCIAL ACCOMPLISHMENT (Ps '000) | | | | | |
|---|-------------------------------------|---------------|-------------|-------|---------|------------------------------------|-----------------|-------------------|---------------|--------------------------------|-----------------------------------|
| | Unit of Measure | Annual Target | Acc to Date | % ACC | | Allotment (Ps) | Obligation (Ps) | Disbursement (Ps) | Balances (Ps) | Obligation over Allotment (Ps) | Disbursement over Obligation (Ps) |
| PROGRAM 1 | | | | | | | | | | | |
| Information campaign for regulatory services | Number of IEC materials distributed | 500 | 500 | 100% | | | | | | | |
| After-Sales Service Compliance Monitoring (ASSCM) | No. of MFADDIEs monitored for ASSCM | 50 | 50 | 100% | | | | | | | |



Consequently, the MFADDIES with PTOs were visited to determine compliance to standards and regulation of the AFMECH law. All in all, a total of 50 MFADDIES were monitored.





| PHYSICAL ACCOMPLISHMENT | | | | Remarks | FINANCIAL ACCOMPLISHMENT (Ps '000) | | | | | |
|--|---------------|-------------|-------|--|------------------------------------|-----------------|-------------------|---------------|--------------------------------|-----------------------------------|
| Unit of Measure | Annual Target | Acc to Date | % ACC | | Allotment (Ps) | Obligation (Ps) | Disbursement (Ps) | Balances (Ps) | Obligation over Allotment (Ps) | Disbursement over Obligation (Ps) |
| Number of assisted CPES activities with PCAF | 100% | 100% | 100% | 4 activities conducted, DA RFO 5 and Philfida, DA RFO 5- DA RFO 4A | | | | | | |
| Number of MFADDIEs with PTO monitored | 50 | 50 | 100% | | | | | | | |
| Number of LGU implementing RAFME monitored | 2 | 2 | 100% | LGU Pamplona and San Fernando | | | | | | |
| No. of machinery tested | 56 | 56 | 100% | 56 machineries were tested for CY 2022 | | | | | | |

e) **Machineries Testing**

Delivered machinery to the DARFO5 were subjected to acceptance testing to verify compliance/conformance to PNS/PABES standards before accepted. During testing, the machineries were allowed to operate/run for a period of time with appropriate load/samples while different performances were gauged using testing tools fan sampling method. For CY 2022, a total of 56 machinery types were tested.

FARM TO MARKET ROAD (FMR) IMPLEMENTATION

At the start of the year, the primary task of the RAED as regards FMR implementation is to screen and validate all proposed sites within Bicol Region. Those that passed the initial screening are then processed as regards documentation compliance requirements such as LGU resolution, Local Development Council Endorsement resolution, cost estimates, Geotagged photos, location of starting and ending location as well as KML tracks among others before finally endorsed to DA Central Office for funding. Upon funding, these sites are forwarded to DPWH for implementation while the RAED conducts monitoring and reporting as to completion.

All in all, roughly 210 projects were validated, wherein 31.208 km were funded for CY 2022 implementation. On the other hand, monitoring/supervision of 53 FMR projects were done for the year.

| PHYSICAL ACCOMPLISHMENT | | | | | Remarks | FINANCIAL ACCOMPLISHMENT (Ps '000) | | | | | |
|---------------------------------------|-----------------|---------------|--------------------|-------|---------|------------------------------------|-----------------|-------------------|---------------|--------------------------------|-----------------------------------|
| PREXC Program/Sub-Program | Unit of Measure | Annual Target | Acc to Date | % ACC | | Allotment (Ps) | Obligation (Ps) | Disbursement (Ps) | Balances (Ps) | Obligation over Allotment (Ps) | Disbursement over Obligation (Ps) |
| PROGRAM 1 | | | | | | | | | | | |
| Validation | | | | | | 5,000 | 5,000 | | | 100% | |
| Length of FMR validated | km | 31.208 | 31.208 | 100 | | | | | | | |
| Monitoring | | | | | | | | | | | |
| No. of DPWHFMRs constructed monitored | % | 100 | 100 or 53 Projects | 100 | | | | | | | |

Submission of Research Proposal for possible funding and implementation by the Research Division

Five (5) proposals amounting to 6.27M have been prepared for possible funding by CY 2024. These are as follows:

| RESEARCH PROPOSAL TITLE | DURATION | AMOUNT |
|---|----------|--------------|
| 1. Yield Performance Evaluation and Demonstration of Rice Transplanter Benefits in Selected Sites in Bicol Region (Phase 1) | 1 year | 482,000.00 |
| 2. Machineries Field Performance Assessment and Recommended Rental Rate Formula Derivation | 1 year | 365,000.00 |
| 3. Profiling of Underground Water Table in Region 5 | 2 Years | 4,221,400.00 |
| 4. Design, fabrication and testing of a push-behind portable plow (3PS) and harrow (PH) | 1 year | 871,700.00 |
| 5. Fabrication and testing of locally designed open-source axial-flow pump (OSAP) irrigation | 6 months | 330,700.00 |

National Machineries Inventory (NAMIN)

Considering that mechanization is a continuing and one of the key interventions of the Department, a Memorandum Order from the Secretary No. 29 Series of 2019 was issued directing the conduct of a nationwide inventory of existing agricultural machinery and facilities. A harmonized inventory protocol, therefore, has been prepared, which involves the collection, compilation, evaluation, analysis, and dissemination of data on machine population and characteristics in each barangay, city/municipality, province, and region in the country.

The current machinery inventory of the Department, however, is very limited and mostly covers the DA interventions only. It has yet to capture the mechanization interventions undertaken by other government agencies and the private sector.

Thus, an inventory of machinery was conducted and ongoing for Bicol region in support to this call. The conduct of the inventory was undertaken by RAED to collect and compile baseline information on the mechanization of the region. It will serve as a benchmark in determining the gap and level of mechanization of a particular commodity, thereby facilitating the efficient planning, programming, and resource allocation on Mechanization interventions for FY 2023 and onwards.

Specifically, the inventory aims to:

1. Obtain comprehensive data on the size, composition, and spatial distribution of the machinery population in the Bicol Region;
2. Gather information about the machinery technical profile;
3. Classify the machinery population according to ownership;
4. Provide data about the extent and use of agricultural machines on own farms and the practice of renting out machines; and.
5. Determine the training needs of the machinery operators and owners.

The inventory involves enumeration of all functional farm machinery used in land preparation, crop establishment, irrigation, crop care management, drying, hauling, and storage to primary processing. Priority shall be those used in rice, corn, and high-value crops identified as a priority of the province. It covers machinery both private and government-funded, individually, or collectively owned and operated. So far, there are 30 LGUs in Albay and Camarines Sur inventoried with a total of 9,683 machineries.

| PROVINCE | LGUS | MACHINERIES |
|----------------------|-----------|--------------|
| Albay | 9 | 1,945 |
| Camarines Sur | 21 | 7,738 |
| | 30 | 9,683 |



REGULATORY DIVISION

Program: Agriculture and Fishery Regulatory Support Program

1. QUALITY CONTROL AND INSPECTION (QCI)

Enforcement of R.A. 10611 (Food Safety Act of 2013), R.A 1556 (Livestock and Poultry Feeds Act), and R.A 8485 (Animal Welfare Act); Maintenance of FMD and AI-free Bicol Region

Under the Plant and Animal Quality Control and Inspection function, cases of plant pest infestation incidence were reported during the year and the division's personnel were able to monitor 5,434/5,000 (109%) hectares for rice and corn areas.



For animal disease surveillance, 169% or 845/500 samples were collected for Avian Influenza (AI) from all of the 6 provinces in the region. This included the strengthened surveillance during the AI outbreak on February 2022.



While 68% or 406/600 for Foot and Mouth Disease (FMD) was accomplished. The variance for FMD accomplishment was affected by the issuance of Memorandum Circular 15 series of 2022 with the subject “Updating the Mandatory Serum Sample Submission for Foot and Mouth Disease (FMD) Surveillance” wherein categorization of the overall level of risk per region was itemized and this reduced the targets for the Bicol Region’s mandatory serum sample submission. The circular was released at the end of the 1st semester when the first phase of surveillance was already conducted. The 2nd sem target was adjusted as per MC 15.



The Regulatory Team, with all the other functions of the Regional Quick Response Team (RQRT) for Animal Diseases and Emergencies, spearheaded the continuous efforts in the surveillance and monitoring of the African Swine Fever (ASF) cases in the region. In accordance with the BABay ASF Program and ASF Zoning Status update, thirty-one (31) out of the sixty-five (65) infected municipalities were upgraded from Red Zones (Infected Zones) to Pink Zones (Buffer Zones) thru the efforts and partnership with the P/PLGUs and PVOs throughout the region. Application requirements for the ASF Freedom Declaration were evaluated and processed by the RQRT members for endorsement to the Bureau of Animal Industry (BAI). Regular blood collection of sentinel animals is also being facilitated by the Regulatory Division’s personnel as part of the recovery and repopulation program under the BABay ASF.

The Avian Influenza outbreak that occur early this year was also immediately responded to and the region was able to do away with the disease before the end of the first semester. However, several other animal diseases were reported in the last quarter of 2022, [such as Surrah (in horses), Caprine Arthritis and Encephalitis (CAE) in goats], immediate action such as consultation meetings, advocacy campaigns, surveillance, and monitoring was continuously facilitated by the team.



Under Monitoring and Inspection of Animal Feed Establishments, Animal Facilities and Products, the regulatory division personnel was able to facilitate inspection of 235/205 feed establishments (e.g. feed mills/ feed manufacturers, distributors, dealers, and retailers) accomplishing 116% of the division’s target with 534/500 (107%) feed products checked, collected and analyzed in the feed laboratory for quality assurance, and inspected 38/8 (475%) applications of animal facilities for Animal Welfare Registration. These activities were facilitated by the deputized Provincial Animal Feeds and Veterinary Drugs and Biologics Control Officers (PAFVDABCOs) and Provincial/ Regional Animal Welfare Officers (RAWOs).



Targets for pre-assessment and evaluation of farms for Good Agricultural Practices (GAP) and Organic Agriculture Certification, as well as Plant Nursery Accreditation were accomplished, unlike the target for evaluation of farm for Good Animal Husbandry Practices or GAHP certification under the QCI. It was not accomplished since no application was forwarded to the division. This could probably be due to the numerous and challenging requirements of the GAHP certification process which the prospected facilities didn't appreciate.



2. REGISTRATION AND LICENSING

With the Bureau of Animal Industry (BAI) issuance of Memorandum Order No. 45 s. 2020 entitled “Online Licensing of Animal Feeds, Veterinary Drugs and Veterinary Biologics Establishments”, registration and licensing of animal feed establishments will be processed and paid online by the applicants (<http://baireg.intercommerce.com.ph>), and these targets are excluded from the annual targets of the division. Yet, this office still conducted a series of orientation/webinars (4 out of 4 Feed Law webinars) to inform clients about the program and the deputized coordinators still conduct inspection and monitoring of these animal feed establishments/outlets as part of the online registration process flow.

For the Licensing of Livestock, Poultry, By-Product Handlers, an accomplishment of 236% was obtained while the Accreditation of Transport Carriers’ applications totaled to 383% rate of accomplishment. All of these documents were endorsed to the BAI. The bulge of this accomplishment was due to stricter quarantine regulations that was being implemented by the BAI-National Veterinary Quarantine Services and the threats that the animal diseases/outbreak brought to the region.

While the country is now coping and living with the COVID virus, the reinstatement of animal shows thrived this year since 17/3 show permits/show organizers secured their legal documents from the Regulatory Division. These shows were supervised by BAI-accredited veterinarians (13/3 or 433%).

Out of 8 animal facilities targeted for animal welfare registration under RA8485 or the Animal Welfare Act (AWA), 450% accomplishment was obtained. From the inspection conducted, there were 36 facilities applied and endorsed to BAI for issuance of Animal Welfare Registration Certificate. Most of these accomplishments were from initial/new applications that caused an increase in the rate of accomplishment.

From the registration and licensing activities, an overall amount of Php309,900.00 was collected. This excludes payment (thru electronic payment system) made by clients who tried to apply online by themselves and were not assisted/facilitated by the division’s personnel.

3. CERTIFICATION/ACCREDITATION

Good Agricultural Practices (GAP)

The Regulatory Team was able to pre-assessed 34 farms and endorsed 19 farms for Good Agricultural Practices (GAP) Certification by the Bureau of Plant Industry (BPI). Eighteen (18) from which were issued with PhilGAP Certification. This sums up to 45 farms as the total number of GAP Certified farms in Bicol Region. Thirty-six of them are active and still compliant while 8 farms were expired and need to renew and these are the following, to wit:



| NAME OF FARM | | FARM OWNER /CONTACT PERSON | FARM ADDRESS | COMMODITY /CROP | VALID UNTIL/ REMARKS |
|----------------------------|--|-----------------------------|---|-------------------------|---|
| ALBAY (7) | | | | | |
| 1 | Pebre's Farm | Marichu C. Pebre | Herrera, Ligao City | White Rice and Red Rice | April 22, 2023 |
| 2 | Pebre's Farm | Marichu C. Pebre | Herrera, Ligao City | Corn (Green Corn) | May 24, 2024 |
| 3 | 3G Farm | Henry Raphael | Paulog, Ligao City, Albay | HCorn, HVC | March 31, 2023 |
| 4 | Juning Abo's Farm | Anaclito Abo | Macalidong, Ligao City, Albay | Sweet Corn | April 22, 2023 |
| 5 | Albay Provincial Organic Vegetable Experiment Station (Apoves) | Engr. Ceasar Cordenete, Jr | Buang, Tabaco City | HVC | April 21, 2022 |
| 6 | Fuente De Flores Farm | Cristina Catalina R. Flores | P7, Masarawag, Guinobatan, Albay | HVC | New (inspected/passed during Sept 6, 2022 final inspection) |
| 7 | Rural Improvement Club (RIC) | Rosalinda N. Occidental | P5, Doña Mercedes Guinobatan, Albay | HVC | |
| CAMARINES NORTE (7) | | | | | |
| 8 | Baluzo Integated Farm And, Institution, Inc | Eduardo Baluzo | P7, Pamorangon, Daet, Cam. Norte | Rice, HVC | April 21, 2023 |
| 9 | Labo Progressive Multi-Purpose Cooperative | Rey Ulysses L. Dimaano | Brgy. Malasugui, Labo, Cam.Norte | Pineapple | March 8, 2024 |
| 10 | Raquel De Luna Pineapple Farm | (Raquel De Luna) | Purok 3, Brgy. Manlimonsito, San Lorenzo Ruiz, Cam. Norte | Pineapple | May 24, 2024 |
| 11 | Edna Llovit Pineapple Farm | (Edna Llovit) | Purok 2, Brgy. Manlimonsito, San Lorenzo Ruiz, Cam. Norte | Pineapple | May 24, 2024 |
| 12 | Maribel Magbanua Pineapple Farm | (Maribel Magbanua) | Brgy. San Ramon, San Lorenzo Ruiz, Cam. Norte | Pineapple | June 26, 2024 |
| 13 | Gina Pelleja Pineapple Farm | (Gina Pelleja) | Asdum San Vicente, Cam. Norte | Pineapple | May 24, 2024 |
| 14 | Mila Belga Pineapple Farm | (Mila Belga) | Brgy. Cabanbanan, San Vicente, Cam. Norte | Pineapple | May 24, 2024 |
| | Fernando Toledo Pineapple Farm | Fernando Toledo | Brgy. San Jose, San Vicente, Cam.Norte | Pineapple | New (not certified) |

| NAME OF FARM | | FARM OWNER /CONTACT PERSON | FARM ADDRESS | COMMODITY /CROP | VALID UNTIL/ REMARKS |
|---------------------------|------------------------------------|----------------------------|--|--|----------------------|
| CAMARINES SUR (18) | | | | | |
| 15 | Sonrisa Farm | Lani P. Botor | Zone 6, Barangay Carangcang, Magarao, Cam. Sur | Rice, HVC | March 31, 2023 |
| 16 | Naga View Adventist College (NVAC) | Alfredo Catungay | NVAC Campus, Brgy. Panicuason, Naga City, Cam. Sur | HVC | November 16, 2023 |
| 17 | Mauswag Agri Business Inc. | Vimildo Avancena | Brgy. Curry, Pili, Cam. Sur | Malunggay | November 16, 2023 |
| 18 | Mikeliz Integrated Farm | Ana Liza A. Escobar | Brgy. La Purisima, Calabanga, Cam. Sur | Dragon Fruit, Mulberry, Calamansi and Mango (Katimon) | November 16, 2023 |
| 19 | Vks Farm | Rebecca Purisima | Libod, Tigaon, Cam. Sur | HVC | November 16, 2023 |
| 20 | Cerillo's Farm | Angelita A. Cerillo | Brgy. Libod, Tigaon, Cam.Sur | Sweet Corn, Banana (Saba), Cassava and Ginger | November 16, 2023 |
| 21 | Millennial Farm | Renel N. Leste | Zone 7, Niño Jesus, Iriga City, Cam. Sur | HVC | December 23, 2023 |
| 22 | . Green Star Farm | Mercy G. Dela Cruz | Zone 5, Tubigan, Sta. Maria, Iriga City, Cam.Sur | HVC | December 20, 2023 |
| 23 | San Rafael Vegetable Grwers | Judith B. Lagdaan | San Rafael, Iriga City, Cam. Sur | HVC | December 20, 2023 |
| 24 | Samakami Vegetable Growers | Luz O. Salcedo | Inorogan, Sto Domingo, Iriga City | HVC | December 20, 2023 |
| 25 | Arnzy Integtraed Farm | Arnaldo T. Manuel | Sitio Bukal, Grs, Ragay, Cam.Sur | HVC | November 16, 2023 |
| 26 | Agri- Guro Integrated Farm | Bevelyn A. Mercado | Godofredo Reyes Sr. Elementary School <Ragay, Cam. Sur | HVC | November 16, 2023 |
| 27 | Umali Dragon Fuit Farm | Macrhefren Abanilla Umali | Sitio Recta, Grs, Ragay Cam. Sur | Dragon fruit/ Strawberry | November 16, 2023 |
| 28 | Yungib Integrated Farm | Daisy C. Virata | Banga, Elem School Ragay Cam. Sur | Lettuce, Pechay, Corn, Upo, Eggplant, Sitao and Squash | November 16, 2023 |

| NAME OF FARM | | FARM OWNER /CONTACT PERSON | FARM ADDRESS | COMMODITY /CROP | VALID UNTIL/ REMARKS |
|--------------------|---|-----------------------------|---|--|---|
| 29 | LES Integrated Farm | Eleanor E. Quirona | Liboro, Ragay Cam Sur | Rice, Cassava, Sweet Potato, HVC | November 16, 2023 |
| 30 | Deloverges Agri Farm | Raquel E. Deloverges | Zone 1, Panoypoyan, Bula, Cam.Sur | Taro | 24-May-24 |
| 31 | Mardith Farm | Jejomar Contreras Aguilar | Sitio Cagmanok, Sagrada, Buhi, Cam. Sur | sweet corn, hybrid corn, coconut, sweet potato | Renewal (inspected last Sept 5, 2022) |
| 32 | Necita's Farm | Rafael S. Laguning | Zone 2. Sta Justina, Buhi, Cam. Sur | Sweet Corn, Coconut, Pili, Banana, Peanut and Rice | |
| MASBATE (4) | | | | | |
| 33 | Susan's Farm | Susan Y. Arcenal | Estampar, Cataingan, Masbate | | October 28,2021 |
| 34 | Arsenas Farm | Eduardo C. Arcenas | Paraiso, Milagros Masbate | Mango | July 1, 2021 |
| 35 | Ave-Lino's Farm | Lino B. Jamora Sr. | Concepcion, Aroroy, Masbate | HVC pineapple, coffee, mango and calamansi | October 28,2021 |
| 36 | Rival's Farm | Robinson C. Rival | Tuburan, Cawayan, Masabate | Cassava | October 27, 2021 |
| 37 | Masbate Safari And Agricultural Complex | Elisa T. Kho/Antonio T. Kho | San Pedro Cataingan, Masbate | Dragon fruit/HVC | New (inspected/passed during Sept 8, 2022 final inspection) |

Good Agricultural Practices (GAP) certification is being done to create food sources and markets which is globally competitive, that ensure the safety and quality of products, be it food or non- food agriculture products at the same time addressing environmental, economic and social sustainability for on-farm processes.



4. OTHER ACCOMPLISHMENTS

1. Pest Risk and Identification Management (PRIME)

Pest and Disease Risk Identification and Management (PRIME) is a four-year project by the International Rice Research Institute (IRRI), Philippine Rice Research Institute (PhilRice), and the Bureau of Plant Industry (BPI) that aims to understand risk factors for pest outbreaks and identify appropriate management strategies and tactics to reduce crop losses.

PRIME is expected to enhance the DA's ability to reduce yield losses due to pests and diseases through better management and targeting of risk areas thereby contributing to more rice available for consumption. Specifically, the following are the benefits:

- The Bureau of Plant Industry (BPI) and the DA-Regional Field Offices (DA- RFOs) benefitted and will continuously benefit for having a standardized protocol for identifying and collecting data on pest risk factors that will enhance their capacity for pest and disease risk analysis to improve the efficiency of pest management strategies and procedures.
- Farmers indirectly benefit through better-targeted programs that promote best crop health management practices. With more efficient pest management strategies, they have higher yields and higher income from rice farming.
- Rice consumers indirectly benefit by having access to more affordable rice resulting from a more stable rice supply.
- Department of Agriculture (DA) – Integrating pest risk mapping and analysis into the current Philippine Rice Information System (PRISM) platform provided the DA with vital information to better assess the current and forthcoming status of the rice crop, and to plan and target needed interventions to avoid pest outbreaks.

The project started in the year 2018 headed by the Regulatory Division Chief, Mrs. Rosita M. Imperial, as the Regional Focal person together with DA RFO 5 staff and personnel from different LGUs as area coordinators and data collectors in 85 sampling sites from these three pilot areas – Bula, Minalabac, and Libmanan, Camarines Sur.



In November 2021, Special Order No. 830 entitled Designation of All Chiefs

of DA Regional Crop Protection Centers (RCPCs) as Regional Pest Risk Identification and Management (Regional Prime) Focal Persons and Designation of RCPC and Regulatory staff as Regional Data Managers of the DA-IRRI PRIME Project was issued but since the 2022 planning of targets was already finalized, it was still implemented by the division. But for CY2023 it will be turned over to the RCPC as per SO No. 830.

2. Participatory Guarantee System (PGS) Pre-assessment

Republic Act No. 11511 amended the provisions of RA No. 10068 or the Organic Agriculture Act of 2010, adding a new section (Section 14) that provides the basic legal principles and directives about the Participatory Guarantee System (PGS) to promote, propagate, develop further and implement the practice of organic agriculture in the Philippines.

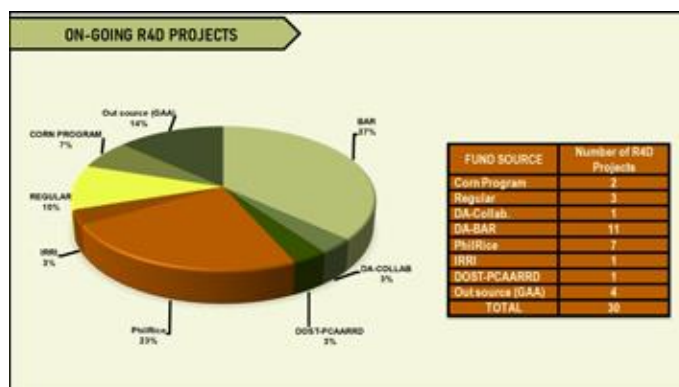
This mandate was delegated to the Bureau of Agriculture and Fisheries Standards (BAFS) and as per guidelines, the RFOs are tapped to help BAFS in the pre- assessment and inspection of farms for PGS.

The Regulatory team was able to pre-assess 2 organized groups with farmer members (CANOFECO in Camarines Norte and GAPP in Goa, Camarines Sur) applying for PGS core group and it was done during the BAFS team's visit to Camarines Norte and Camarines Sur last October 2022. Improvement in list of findings/noncompliance is needed and the BAFS will again do the final inspection.



RESEARCH DIVISION

The Research Division consist of 5 facilities (Regional Tissue Culture Laboratory, Regional Mushroom R&D Center, Plant Genetic Resources Center, Organic R&D Center) and 6 Regional Outreach Stations (Central Bicol Experiment Stations (CBES), Albay Research and Development Center (ARDC), Camarines Norte Lowland Rainfed Research Station (CNLRRS), Sorsogon Dairy Production and Technology Center (SDPTC), Catanduanes Hilly-Upland Development Station (CHUDS) and Masbate Center for Livestock Development (MCLD) conducted a total of 30 researches for the year 2022 under different fund source.



RICE R&D PROJECT (PhilRice)

A total of 7 projects under PhilRice were conducted (NCT-TPR&DSR, MAT, Saline, Heat Tolerance, Hybrid, Insect and Disease Screening) with a total budget of Php 1,364,850. The Department of Agriculture in collaboration with PhilRice are continuously conducting trial in NCT irrigated lowland to determine the yield potential, range of adaptability and field reaction to major insect pests and diseases of promising rice selections; and identify those that could be considered for national or regional recommendation. All collected/gathered data are subject for statistical analysis.

NEXT GENERATION PROJECT

Component 1

a. NCT-1 Irrigated Lowland Rice -TPR & DSR

Dry Season, 3 groups were evaluated ; 6 entries for Very Early, 7 entries for Early and 10 entries for Medium-Late Maturing with 3 replications, trial was established on January 31, 2022 and harvested on April 27,2022. In group 1, 2 and 3, all entries obtained a yield range from 3.6 tons/ha - 5.2 tons/ha.

Wet Season, 3 groups were evaluated ; 9 entries for Very Early, 11 entries for Early and 13 entries for Medium-Late Maturing with 3 replications, trial was established on August 10, 2022 and harvested on November 08,2022.All entries obtained a yield range from 3.6 tons/ha - 5.2 tons/ha. Data were subject for analysis using STAR program of IRRI.



DIRECT SEEDED RICE

For Dry Season. Three(3) groups were evaluated ; 5 entries for Very Early, 8 entries for Early and 11 entries for Medium-Late Maturing. Trial was established on February 15,2022 and harvested last April 29,2022, all entries obtained a yield of 3.4 tons/ha – 5.0 tons/ha. Data were subject for analysis using STAR program of IRRI.



For Wet Season, 9 entries for Very Early, 11 entries for Early and 13 entries for Medium-Late Maturing. Trial was established on August 29, 2022 and harvested last November 28,2022, all entries obtained a yield of 3.4 tons/ha – 4.9 tons/ha. Data were subject for analysis using STAR program of IRRI.



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B. NCT FOR HEAT TOLERANCE

This study was conducted only for Dry season at On-station, San Agustin, Pili Camarines Sur, 22 entries with 3 replication. Trial was established last January 21, 2022 and harvested on April 29,2022. Based from the data gathered yield ranges from 3.5 tons/ ha – 4.9 tons/ ha.



C. NCT FOR HYBRID

This study was conducted On-station for Dry and Wet Season with 30 entries (DS) and 22 entries (WS) for Group 1&2 with 3 replication. All entries obtained a yield of 4.0 tons/ha – 6.5 tons/ha(DS) and 4.3-7 tons/ha (WS). Data were subject for analysis using STAR program of IRRI.



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MULTILOCATION ADAPTATION TRIAL (TPR & DSR)

TRANSPLANTED

Trial was conducted at Manapao, Minalabac, Camarines Sur with plot size of 3m x 4m, 20x20 plant spacing with 15 rows and 20 hills, 11 entries replicated by 3 were evaluated, it was established and transplanted on December 19,2022 and harvested on April 4,2022

DIRECT SEEDED

9 entries were evaluated, it was established on December 30,2022 and harvested on April 01,2022 Data are being encoded and subject for analysis



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D. PARTICIPATORY PERFORMANCE TESTING & VALIDATION

DRY & WET SEASON

IRRIGATED LOWLAND



7 varieties were used for evaluation such as NSIC Rc 506; NSIC Rc 508; NSIC Rc 510; NSIC Rc 512; NSIC Rc 514; NSIC Rc 582; NSIC Rc 22 (check variety) and Blondie with a range yield of 4.5 -6 tons/ha for Dry Season and Wet Season.



RAINFED LOWLAND



7 varieties were used for evaluation namely NSIC Rc 568; NSIC Rc 574; NSIC Rc 576; NSIC Rc 578; NSIC Rc 27 (check); NSIC Rc 192 (check) and blondie



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OTHER RICE PROJECTS

C. RICE GENETIC SOLUTIONS FOR CLIMATE RESILIENCE AND FARMER COMPETITIVE IN THE PHILIPPINES RICE SECTOR

**ASEAN RICE NET PHILIPPINE MERIT YIELD TRIAL
MET 1&2**



“aims to identify elite breeding lines with high and stable yield for variety nomination that will provide a capacity to release desired by the farmers in a smooth pipeline year by year”

For Dry & Wet Season, 2 components with 104 entries for MET 1 and 72 entries for MET 2. Based from the data gathered 50% days to flowering observed in 65% among the entries and obtained a yield range of 5.5-6.0 tons/ha.



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C. RICE GENETIC SOLUTIONS FOR CLIMATE RESILIENCE AND FARMER COMPETITIVE IN THE PHILIPPINES RICE SECTOR

**ASEAN RICE NET (ARN) PHILIPPINES PESTS
DISEASES TOLERANCE EVALUATION**



“aims to identify breeding materials with pest and diseases tolerances adapted to one or more specific environments and agro-ecological zones”

For Dry & Wet Season, 2 components with 104 entries for MET 1 and 72 entries for MET 2.

During the observation (data gathering) of the group, 11%-30% of Rice Tungro Bacilliform Virus (RTBV) and Rice Tungro Spherical Virus (RTSV) recorded at Tillering stage and 31-50% during Stem elongation to Booting stage.

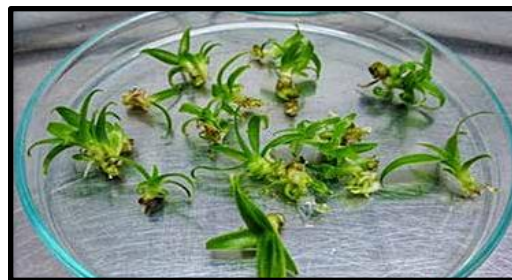


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For the Livestock R&D Unit, the facility maintained a total of 50 heads of Native Chicken (2-3 months old), 80 heads of day old, 131 hens and 14 roosters. The unit has 1 approved project and conducted for 2022 entitled “Development of Alternative Feed Ration for Naturally Grown Chicken” and initial results showed that using jute leaf meal in 48% ratio will save 35% in input cost.

Under the Regional Tissue Culture Laboratory, in support to High Value Crop Program, the facility was able to produce and distribute 4,020 pcs of tissue-cultured banana plantlet, 4,025 pineapple plantlets with a total of 114 individual beneficiaries in the province of Camarines Sur and Camarines Norte.



The facility of Organic R&D Center were able to produce and distribute 43 kilos of assorted vegetable seeds (mungbean, cowpea, soybean, okra and rice bean) with 48 individual and 7 Group beneficiaries. They also promote Organic Urban Gardening that transformed a minimum of 500 square meters in the front yard of the office building into an exemplar organic urban farm and Vermicomposting which serves as an avenue to develop a self-sufficient fertilizer in the crop production area.

Mushroom R&D Center supported by High Value Crop Program was able to produce a total of 585 quality mushroom pure culture, 2,288 quality mushroom spawn, 1,332 quality mushroom fruit bags that caters a total of 261 walk-in clients. The facility conducted capability trainings for 8 walk-in clients and accommodated 22 requested trainings.



Regional Food Laboratory supported by DA regular fund, conducted 6 batches of trainings with hands-on demonstration lectures to 42 RIC women and youth leaders. The facility also accommodated 46 requests/invitations from different government/private agencies/institutions to conduct hands-on demonstration that caters a total of 1,339 farmer beneficiaries (543 Male and 796 Female). Several activities were also participated by the facility staff such as:

- Serve as resource speaker on Training on Veggie alternatives at the 5th Food and Beverage Expo (FABEX) 2022 at Capitol Convention Center, Pili, Camarines Sur
- Online Training on Rabbit Meat and Cococ Sugar/Vinegar Processing
- Online Cooking Demo Show on Native kakanin Products
- Assisted in product development of R4D Research on Rimas



The Plant Genetic Resources Center (PGR) aims to conserve plant genetic resources and developed appropriate conservation technologies and system adaptive for sustainable ecological conservation. The facility has 2 on-going projects funded by the DA-BAR entitled Expanded Collection, Evaluation and

Improvement of Traditional Corn Germplasm in Bicol Region (Phase 3) and Plant Genetic Resources Collection, Conservation and Management. For the year 2022, a total of 53 traditional corn were collected, processed and tagged with cguard accession numbers. These accessions will be planted and tested/evaluated. As to date, a total of 336 from 2015 to 2022 accessions of traditional corn were collected and conserved.

RICE SEED PRODUCTION

Research Division also support activities under the regular fund. Central Bicol Experiment Station (CBES) spearheaded the Rice Seed Production to serve as testing, multiplication and production of high quality Rice seeds. This unit, is a member of Seed Networks as recognized by the Bureau of Plant Industry, as Seed network member, CBES RSP is authorized to plant Foundation seeds to produce Registered Palay Seeds for the Seed Growers to produce Certified Seeds. Local Seed Growers are the main source of the Certified Seeds needed by our local rice farmers. The unit is also involved in the production of certified seeds and specially accredited Green Super Rice. CBES RSP is also involved in the testing of newly approved varieties under the NextGen project spearheaded by our Station Superintendent in collaboration with DA-BPI-PhilRice-IRRI. As a major player in the rice seed system for the region and with support from the Rice Program and the Regular Fund, As of December 2022, the station utilized its 2 hectares of irrigated lowland areas to produce 6,440 kilograms of RS to CS seeds and 3,840kilograms were tagged CS seeds by NSQCS. 2,800 kilograms were distributed to 30 female and 30 male clientele in the province of Camarines Sur.



VEGETABLE AND LEGUME SEED

In order to ensure food and nutritional security, there is an urgent need to augment the production of vegetables in Philippines. Seed is one of the most critical inputs for enhancing crop productivity. Quality seed acts as a catalyst for realizing the potential of all the inputs such as fertilizers, irrigation and pesticides. Use of quality seeds alone could increase vegetable production by 15-20 per cent. The farmers also save large quantities of seed for vegetable production.

As of December 2022, under various funds, CBES produced and distributed 25 kilograms of vegetable seeds and 150 kilograms of legume seeds for use of vegetable growers. Essentially, these open-pollinated seeds are important in sustaining food and nutrition in the rural populace. End users include the local government units (LGUs), organizations of vegetable growers (OVAs) non-government organizations (NGOs), schools and other stakeholders.

Likewise, it also supported the bufferstocking initiative of the HVCDP which ensures the availability of seeds as a disaster preparedness strategy, allowing for immediate planting and recovery of calamity-affected areas. As to date, a total of 110.35 kilograms of assorted vegetable and legume seeds were produced as bufferstock.

PLANTING MATERIALS (CACAO, PILI, GRAFTED PILI AND ROOTCROPS)

The progress in plant improvement would have been of little significance, without methods whereby improved forms could have been maintained in cultivation. Most cultivated plants either would have lost or reverted to less desirable forms unless they are propagated under controlled conditions that perceive the unique characteristic which make them useful.

Under the plant propagation and nursery management by 6 stations, routine activities in the nursery were done following the recommended practices with respect to type of planting material and propagation method.

For Cy 2022, under Various Fund, the 6 stations produced 135pcs of cacao, 415pcs of pili, 465 pcs of grafted pili and 21,500 cuttings of sweet potato that was distributed to 363 individuals and 40 groups of clientele in 6 provinces of Bicol region.

MAINTENANCE OF FACILITIES/SCION GROVE

Three (3) Pili Scion Grove were maintained for CY 2022 located at 3 stations namely CBES, ARDC-AES, and CNLRRS. These scion grove serves as source of quality scion for mass propagation of grafted pili.

VARIOUS R&D

One of the milestones of the division was the conduct of Diversified Project in 3 sites with 3 modules namely:

- Pineapple+Native Chicken+Lowland Vegetables located at Daet, Camarines Norte under the supervision of CNLRRS that resulted with an ROI of 12.61%.
- Pili+SweetPotato+Okra+Squash located at ARDC resulted an ROI of 42.18% for Sweet Potato, 35.37% for Okra and 32.93%
- Rice+PoleSitao+NativeChicken/Goat+Strawberry which shows an 181% ROI for Rice, 42.9% for Native Chicken and 33% for Goat

LIVESTOCK CONCERN

The Albay Research and Development Center - Albay Breeding Station of Department of Agriculture is the center for research and development with focus on production and breeding of purebred swine and exotic native pigs for distribution to livestock raisers. It is also the source for forage and pasture feed resources for utilization, production and distribution for smallholder and integrated livestock farming system, it aimed to support to help food security, alleviate poverty, enhanced income and profitability for the livestock and poultry sector.

The Station's primary mandate is the production of good quality breeder stock of Commercial pigs (purebred and Grandparent stocks) under the program there are 7 hds. sows and 2 hds. boars maintained and arrival of 20 hds. Gilts and 2 hds. boar as additional stocks of Largewhite and Duroc breeds, that served as local source of breeder stocks for backyard farmers, this program aimed to upgrade the existing breeds through infusion of quality breeders, increase animal population for food consumption and provide livelihood alternative to farmers who are interested to go into livestock and poultry production the project was able to distribute a total of 30 hds. commercial swine to 3 farmers' association with 10 members as the first line recipients, piglets produced will be distributed to other farmer recipients as their repayment for the project.

Moreover, the Livestock and Poultry Program has distributed 30 head of native pigs, 700 head of native chicken and 300 head Mallard ducks in the Albay Province. A total of 11 farmers group and 15 individual beneficiaries benefitted from the said animal distribution.

The total number of animal distributed for CY 2022, were funded by regular and livestock, as shown on the table below.

Table 1. Total Number of Animals Distributed Per Project in CY 2022.

| MONTH | COMMERCIAL PIG (HDS) | | FARMER SERVED | NATIVE PIG (HDS) | | FARMER SERVED | NATIVE CHICKEN (HDS) | | FARMER SERVED | MALLARD DUCK (HDS) | | FARMER SERVED |
|-----------|----------------------|------|---------------|------------------|------|----------------|----------------------|------|---------------|--------------------|------|---------------|
| | FEMALE | MALE | | FEMALE | MALE | | FEMALE | MALE | | FEMALE | MALE | |
| APRIL | | | | 5 | 5 | 5 (individual) | 80 | 20 | 1 (Group) | | | |
| JUNE | | | | | | | 80 | 20 | 1 (Group) | | | |
| JULY | | | | 5 | 5 | 5 (individual) | 80 | 20 | 1 (Group) | | | |
| AUGUST | 5 | 5 | 1 (Group) | | | | 80 | 20 | 1 (Group) | | | |
| SEPTEMBER | 5 | 5 | 1 (Group) | | | | | | | | | |
| OCTOBER | 5 | 5 | 1 (Group) | 5 | 5 | 5 (individual) | 80 | 20 | 1 (Group) | | | |
| NOVEMBER | | | | | | | | | | 160 | 40 | 2 (Group) |
| DECEMBER | | | | | | | 160 | 40 | 2 (Group) | 80 | 20 | 1 (Group) |

OTHER ACCOMPLISHMENTS:

Trainings and seminars on livestock and poultry conducted by the office aims to increase productivity and income of farmers, access to new technology, improve animal health management. In 2022, a total of 8 trainings and seminars were conducted in the different barangays and participated by 130 farmers. The ARDC-ABS have developed pasture areas for organic forage from which cuttings are distributed to farmers who have undergone trainings or seminars on livestock management. A total of 10,000 pasture were distributed to 4 beneficiaries.



**NATIVE PIG DISTRIBUTION RECIPIENTS
APRIL 1, 2022**



**NATIVE PIG DISTRIBUTION RECIPIENTS
JULY 8, 2022**



**COMMERCIAL PIG DISTRIBUTION RECIPIENTS
AUGUST 30, 2022**



**COMMERCIAL PIG DISTRIBUTION RECIPIENTS
SEPTEMBER 1, 2022**



**COMMERCIAL PIG DISTRIBUTION RECIPIENTS
OCTOBER 10, 2022**



**NATIVE CHICKEN DISTRIBUTION RECIPIENTS
APRIL 21, 2022**



**NATIVE CHICKEN DISTRIBUTION RECIPIENTS
JUNE 20, 2022**



Regional Agriculture and Fisheries Information Section (RAFIS)

The Regional Agriculture and Fisheries Information Section (RAFIS) acts as clearinghouse of information being disseminated to the public and to quad media to ensure up to date and consistent messages among other links from the DA Central Office, bureaus and attached agencies, corporations, foreign – assisted projects.

The year 2022 was all about adapting to the “new normal” after the height of the COVID-19 pandemic in 2021. Most of the extension activities such as seminars, trainings and meetings were conducted online or via live streaming that were facilitated by the RAFIS. Likewise, intensified communication and information support to various Banner Programs of the department as targeted in the General Appropriations Act (GAA) were provided by the RAFIS - through the funding support from the five banner programs Rice, Corn, HVCDP, Livestock and Organic Agriculture - using various media such as the print, radio, TV, teleradio, and social media.

Print Media

RAFIS prepared the in-house publications of the agency such as the UMAsenso quarterly newsletter, planner, calendars and the DA 5 Operations Manual as well as the lay out, design and printing of tarpaulin for monthly observance and special events. Some 72,400 copies of printed Information Education and Communication (IEC) materials were distributed to target farmers through strong linkages with the Provincial and Municipal Local Government Units’ Provincial/ Municipal/City Agriculture offices. Various IEC materials were also distributed to participants of trainings, seminars, field days, congresses and information caravans.

These IECs included the agency official newsletter–UMAsenso; Planner; calendar; IEC in support to Rice Program such as Abonong Swak, Pagkuha ng Lupang Ipapasuri, Community-based Mushroom Production; advocacy and information materials on corn and cassava; high value crops such as lowland vegetables production, pili and pineapple production guides.

The year 2022 was also the last year when RAFIS received funding support from the Livestock Program and Organic Agriculture Program. These funds were used in the printing of IEC materials on Livestock and Poultry Production such as African Swine Fever, rabies, and carabao diseases, and bird flu. Meanwhile, RAFIS also printed IEC materials on Organic Agriculture such as Participatory Guarantee System (PGS) fan and brochure on Organikong Pataba at Kagamitan sa Pagsasaka. All of these IEC materials were distributed to target farmers thru the LGUs and to walk-in clients at the RAFIS office.



Documentation and Livestreaming of Events

All of the major activities as well as some minor activities of the DA Bicol were documented or captured in photo and video form by RAFIS. A total of 93 press releases and success stories were prepared and disseminated through quad media. Some 32 major events were also streamed live by the RAFIS via the DA Bicol official Facebook Page–Department of Agriculture-Bicol

Media and Public Relations

The RAFIS Chief as Regional Information Officer designated as Spokesperson led the Public Relations of the agency through handling media interviews (minimum of five interviews per week) on various issues and inquiries from the public to maintain the positive image of the DA Bicol.

Broadcast Media

In June 2022, RAFIS also started a one-hour social media program-UMASENSO Online. Aired every Monday at 10:00 AM to 11:00 AM, the program featured latest news in audio visual form, and breakthroughs or innovation in agriculture; interviews of RAFIS Chief with successful farmers/entrepreneurs, interview with top DA officials, banner program focal persons. A total of 21 episodes were aired in Season 1.

Two radio programs were also maintained, namely: Dapat Agri, Agri Dapat in Legaspi City, Albay and Magsasaka Program in Masbate City.

TV plugs were aired in GMA 7 regional TV and 14 radio plugs on rice and HVCDP were aired in over 20 local radio stations in the provinces of Albay, Camarines Norte, Camarines Sur, Masbate and Sorsogon. Among the TV/radio plugs produced and aired were campaigns on Abonong Swak; RSBSA; Be Riceponsible; Plant, Plant, Plant; Pili grafting; Kumain ng Gulay; Gulayan sa Paaralan; and National Urban and Peri-Urban Agriculture Program.



UMAsenso online



UMAsenso Online | October 17, 2022 | Mushroom Production...



UMAsenso Online | Sept. 5, 2022 - Featuring VIRTUAL TOUR OF DA...



UMAsenso online August 29, 2022 - Featuring Young Farmers Challenge...



UMAsenso online August 22, 2022 - Featuring Muscovado producer...



UMAsenso online - Featuring High Value Crops Development Progra...



UMAsenso online - Featuring Sipocot, Cam. Sur F2C2 and...

Website and Social Media Maintenance

RAFIS also actively maintained the DA Bicol website which is the depository of news/current events, vision, mission and history, directory of officials, and services of the agency; Relevant information on Bids and Awards Committee, RSBSA, CSO Accreditation, price monitoring, weather advisory, job vacancy, RAFC and special projects and programs of the department.

Meanwhile, RAFIS also kept the public well informed through regular posting of news, announcements and weather advisories in the DA Bicol official social media account/ Facebook Page: Department of Agriculture – Bicol.

Other Accomplishments

RAFIS was also in-charge in the setting up of sound system during major DA events and flag ceremony/retreat; participation in exhibits and information caravans both sponsored by DA and by other government agencies and NGOs. Also included in the numerous functions of RAFIS is the trouble shooting and maintenance of internet and Local Area Networking of the whole regional office.



Adaptation and Mitigation Initiative in Agriculture (AMIA)

OVERALL PROGRESS

The Bicol Region has now a total of fourteen (14) AMIA Villages. These are located in each provinces covering eleven (11) municipalities (Figure 1) catering 478 farmer beneficiaries. In partnership with banner programs (Rice, Corn and Cassava, High Value and Livestock and Poultry Programs) and special programs such as Balik Probinsya, Bagong Pag-asa (BP2), interventions and several enterprises were established to address exposure to climate risks while pursuing sustainable enterprises.

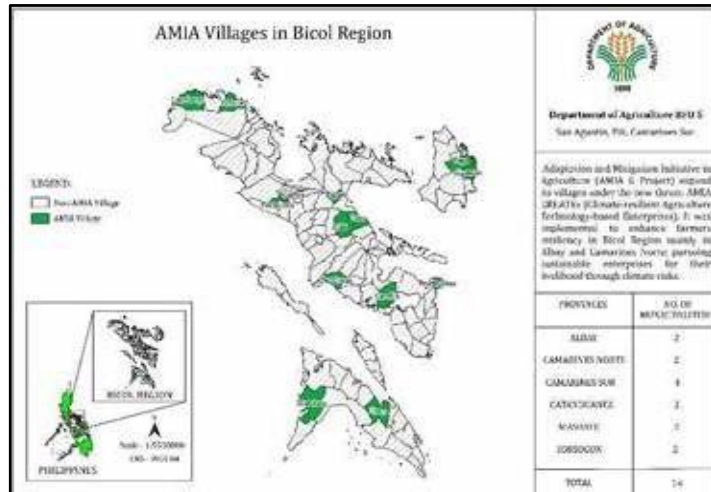
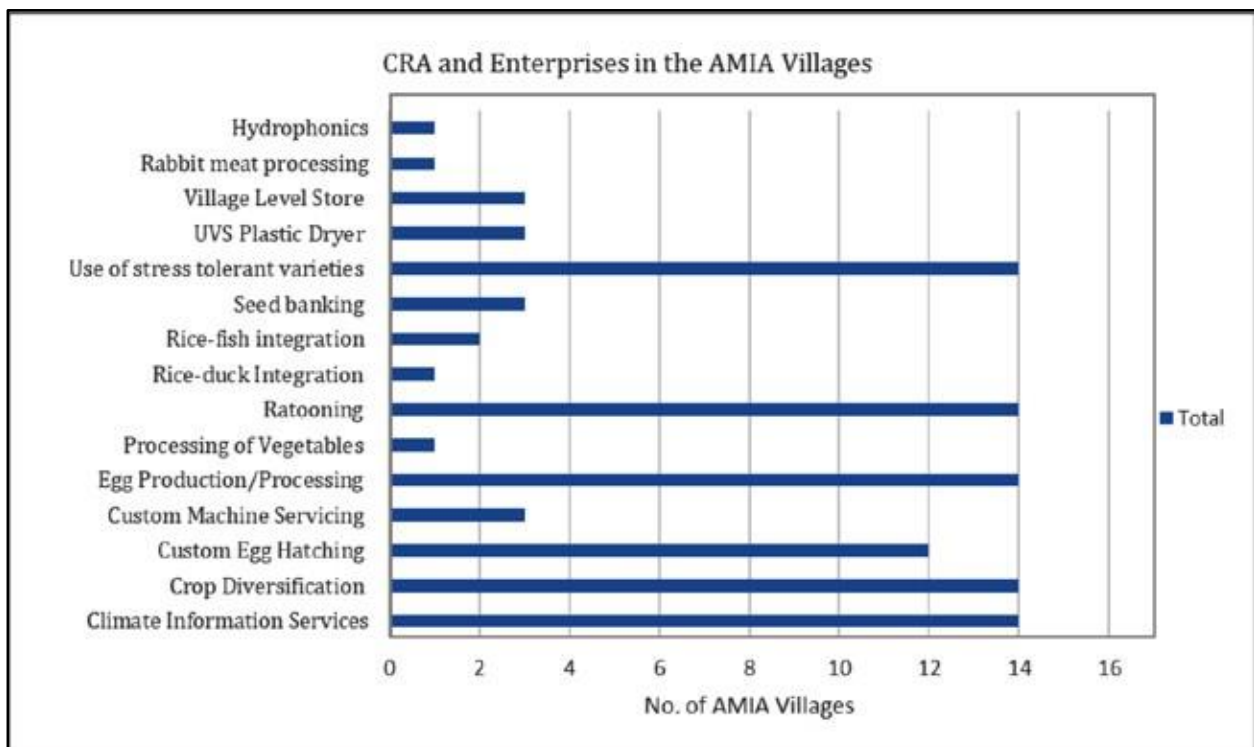


Figure 1 AMIA Village in Bicol Region

Documentations and Advocacies

The AMIA Program and the fourteen (14) AMIA Villages have initiated social media platform thru their FB Pages. Its purpose was to share current events and undertakings of the village and beneficiaries and enable them to impart through a wider audience and coverage. Informative photos and videos are uploaded to these sites such as: weather forecast and advisories, current and significant events.



Operational Enterprises

Each AMIA Village has its unique adoption of climate resilient agriculture (CRA) practices and enterprises. Fund sources for these enterprises were sourced from different partners: Banner Programs, Agencies and NGOs.

Combined assets of all AMIA Villages before and after the project implementation.

Before AMIA:



After AMIA:

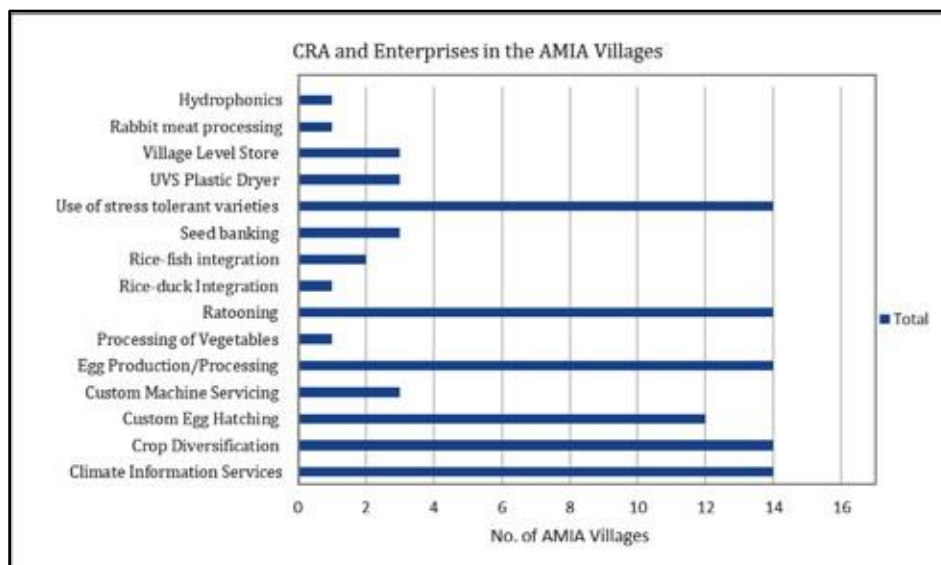


Figure 3: Summary of CRA and enterprises in the AMIA Villages, total amount of interventions, etc.

A. AMIA Agri-Store

Marketing is one of the major problems encountered in the community. To address this, five (5) agri-stores were established in the AMIA Villages. These AMIA Villages agri-store serve as the local market for the produce in community. Even small quantities of produced were being captured to accommodate small-scale farmers. The income from agri-store ranges from PhP 500 - PhP 1,000 per day. With an average of 40 members per association, members may receive an incentive of PhP 4,500 to PhP 9,000 annually.



Figure 4. AMIA Agri Store in Alayao, Capalonga, Camarines Norte (Left) and Joroan, Tiwi, Albay (Right)

B. Poultry Egg Production

In October 2021, the AMIA Program in partnership with the BP2 Program and Livestock and Poultry Section have distributed 400 heads of Layer Chicken, 1,000 heads of Pugo, 100 heads of Rhode Island Red Chicken and 200 heads of Mallard Ducks in the AMIA Villages. This poultry egg production project aims to provide additional income for the association. The members have utilized the locally available feed such as azolla to augment the rise in the price of poultry feeds. The productions reached above 60% and generated an income of PhP 10,000-15,000/month.

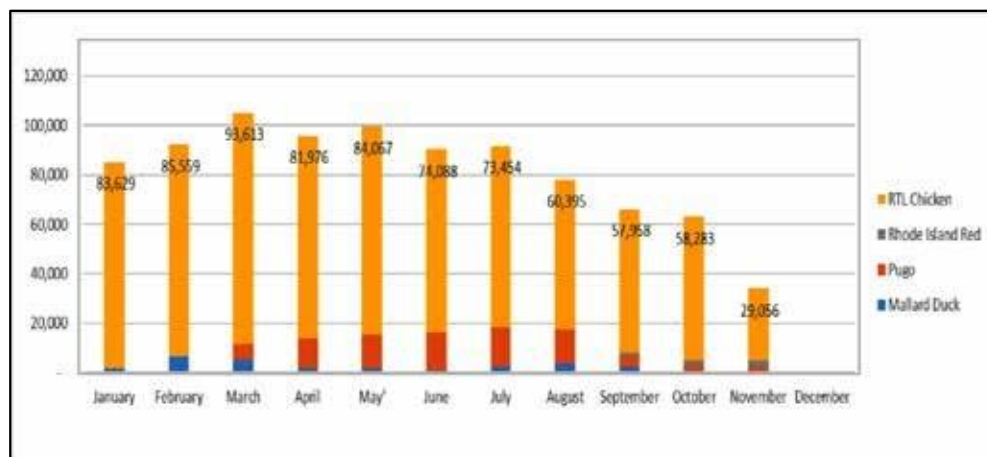


Figure 5. Poultry Egg Production (Mallard Duck, Quail and Chicken)

C. Custom egg hatching using incubator

A total of eleven (11) incubators were distributed in the AMIA Villages in Bicol Region. It helped the associations expand their egg production. In Capalonga, Camarines Norte, they have increased their quails from 1,000 to 6,000 heads. While in Pio Duran, incubated eggs lead to increase in the number of mallard ducks. The association now also processes balut that is sold to nearby resorts.

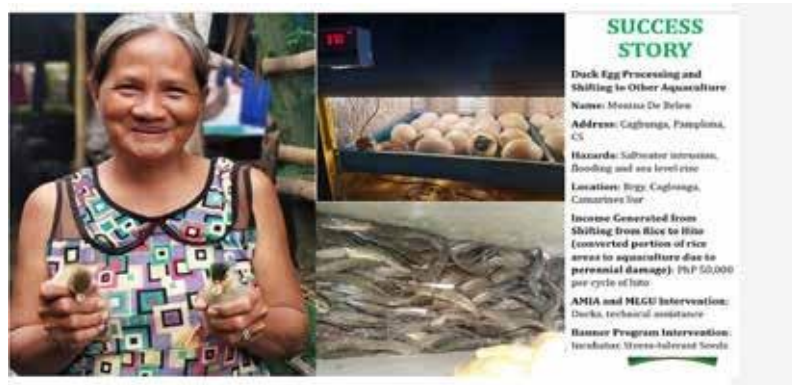
D. Egg Processing

In Quezon, Uson, Masbate egg production, produced an average of 77 percent equivalent to 180 pcs of the total head count of their layer chicken, 195 heads. An average of 150 eggs or 5 trays were produced daily and was delivered in public market.

E. Hito Production

One of the AMIA Program advocacy is rice-fish integration. In the case of Cagbunga, Pamplona, Camarines Sur, the AMIA Village is prone to salt-water intrusion making rice production risky at any given time of the year. From one farmer, there are now currently 8 farmers engaging in fish production converting at least 230 square meter of their rice fields into either catfish or tilapia production. In partnership with the Bureau of Fisheries and Aquatic Resources (BFAR), training for it (catfish and tilapia production) are facilitated. This provides the knowledge for fish culture which may help our farmers realize the benefits of the rice-fish integration in relation with the problem of salt-water intrusion in their rice areas.

Income from the catfish production is PhP 50,000 from the 230 square meters production area. As farmers claimed, this is far more profitable than rice production. Thus, for 2023, this enterprise will be supported by expanding the fish production area not only in Camarines Sur, but also in Camarines Norte and Sorsogon.



F. Rabbit Meat Production and Processing

Young farmers in Brgy. Alayao, Capalonga, Camarines Norte engage in rabbit for breeding, meat production and processing. Its monthly income for meat production is PhP 3,000 – PhP 5,000 having 46 kits per cycle.

In collaboration with the DA Food Laboratory Unit, AMIA Program conducted a training on available recipes of rabbit meat such as skinless longganisa, tapa, barbeque and quick ham.



Figure 6. AMIA beneficiaries engaged in rabbit, John Cyrus Talento and Mark Vincent Talento (upper left) and rabbit meat products (quick ham, tapa, barbeque, tocino and longganisa) (upper right and bottom)

G. Hydroponics

Hydroponics addresses the limited land resource while maximizing return from small land area. In Tiwi, Albay, a 5m x 8.5m hydroponics was piloted. Using this technology, the association earned PhP 5,000/mo. Expansion is planned given the potential of the enterprise in efficient use of water, control of insects and hygienic food production.



Figure 7. Hydroponics set-up in Joroan, Tiwi, Albay

H. Custom Machine Servicing

The AMIA beneficiaries from Brgy. Marigondon, Pioduran, Albay, Brgy. Cagbunga Pamplona, Camarines Sur and Labnig, Paracale received different farm machineries. Machine custom services and rental were provided by their respective association, thus, cutting cost on human labor. This enable the farmer-members and non-members to adopt early crop establishment and reduce postharvest losses necessary for adaptation due to high vulnerability to climate-risks.



Figure 8. Machine custom servicing operation in Pamplona, Camarines Sur and Pioduran, Albay

Linkage to other Institutions

In partnership with the Planning, Monitoring and Evaluation Division of DA RFO 5, a member of the AMIA Village in Cagbunga, Pamplona, Camarines Sur, Ms. Ana Ocfemia was granted with PhP 50,000 loans with zero interest and no collateral under the AgriPinay Loan Program. This is a gender and development (GAD) program that mainstreams effort to seek improvement on women's access to rural credit and ensure their inclusion in the agri-fishery value chain in order to better rehabilitate their livelihood.



The AMIA Program has assisted individuals that were awarded in the Young Farmers Challenge (YFC) Competition of the DA-AMAD. A total of 9 participants from AMIA placed in the different levels of the competition. The only YFC national level finalist from Bicol Region also came from AMIA.



Figure 9. Young Farmers Challenge Awardees: Rabbit Meat Processing and Alas' Pecial Pastillas, Provincial Level (left and right) and Bunnychon Innoven , Regional and National Level (middle)

Climate-resilient Agriculture Practices

CRFFS

The AMIA Program in collaboration with the Local Government Units have conducted seven (7) Climate Resiliency Farmers Field School (CRFFS) in the AMIA Villages. A total of 140 farmer beneficiaries have graduated. This enhanced farmers' adaptive capacity in addressing the climate change while maintaining sustainable agricultural practices. They have been equipped with the modern practices of farming especially on CRA practices and weather monitoring from the CIS.



Figure 10. Climate Resiliency Farmers Field School Graduation in AMIA Villages at Cagbunga, Pamplona, Camarines Sur (left) and Alayao, Capalonga, Camarines Norte (right)

Climate Information Services

Farm Weather Outlook and Advisory (FWOA) and Seasonal Climate Outlook and Advisory (SCOA) were distributed weekly and monthly to the farmers and fisherfolks, respectively. Various media (print, social media, emails and fora) are being tapped for wider dissemination of the information.

Seven (7) AWS were installed in various provinces (2 units each in Albay and Camarines Norte and 1 unit each for Catanduanes, Masbate and Sorsogon).

The program has developed 2 systems for the CIS: Centralized Hub of Automated Weather Stations (AWS) and Bicol Agro-Climatic Advisory Portal (BACAP). The former collects and consolidates all data gathered by the AWS installed by DOST-ASTI, BSWM and DA-AMIA. The latter, in collaboration with the UPLBFI, was developed for automation of the SCOA and FWOA advisories. Both systems will be on-line for public use.

Use of stress tolerant varieties

The climate risks in the AMIA Villages are flooding, drought and salt-water intrusion, planting of stress tolerant palay seeds varieties such as GSR 11, NSIC Rc222 and NSIC Rc226 helped in reducing crop loss. This was sold after harvest being wet for less maintenance. Having a yield of 650 bags per hectare to 1,120 bags worth PhP 32,500 to PhP 56,000 per cropping compared to their existing variety NSIC Rc 222 with a yield of 80 to 300 bags worth PhP 4,000 to PhP 15,000 per cropping.



Figure 12. Use of stress tolerant variety conducted in Labnig, Paracale, Camarines Norte (left) and Veneracion, Pamplona, Camarines Sur

UVS Plastic as Rain shelter and Dryer

The AMIA Program has granted UVS plastic to the AMIA Villages in Tiwi, Albay, Viga, Catanduanes and Pamplona, Camarines Sur for the purpose of rain shelter and dryer.

These rain shelters in Tiwi and Viga served as protection to the extracted abaca fiber. Indoor drying practice produces better quality fiber as it will not be discolored due to exposure on sun and rain, improving the quality and commanding a good price by at least PhP 5/kg compared to those exposed to inclement weather.. While in Pamplona, the UVS plastics are used as rain shelter limiting the exposure of their crops to rain and extreme weather conditions allowing our farmers to cultivate crops that are rain sensitive such as tomatoes. the limited area enables to farmers to produce other crops, thus increasing food security.

CSO Accreditation

Two out of 14 AMIA Villages secured CSO accreditation: Tiwi and Pio Duran of Albay. Other AMIA Villages are still on process.

UPLBFI Collaborations

The AMIA Program in collaboration with the UPLBFI has generated a system that provides data on meteorological monitoring named as Bicol Agro-Climatic Advisory Portal- (BACAP). BACAP's weather services include Weather Forecasts and Advisory information in reference to PAGASA. It also provides crop recommendations and effective mitigation measures regarding crop establishment.



Figure 13. Use of UVS plastic in Peñafrancia, Viga, Catanduanes for protection on their crops to attain better quality





Gender and Development (GAD)

DA-RFO 5 2022 GAD HIGHLIGHTS OF ACCOMPLISHMENTS

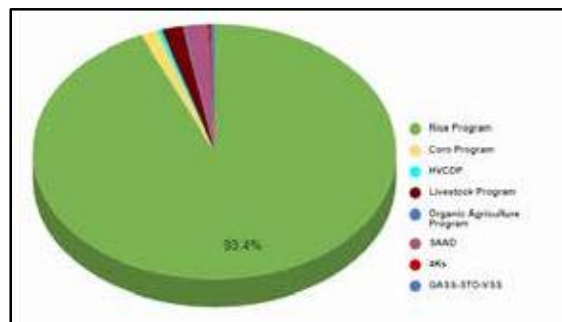
Following the years of uncertainty - and a global pandemic that has proven to be one of the most challenging events in history - societies, economies and different sectors now face the challenges of the “new normal” not to mention the rising prices of fuel, inorganic fertilizer and other major farm inputs caused by the Ukraine-Russia conflict.

Agriculture is one of the sectors that was challenged by these circumstances resulting to job losses, economic crises and a worldwide recession. The agriculture sector is also beset by severe weather conditions and infestations particularly on livestock and poultry. Yet, rural women still continue to face gender inequality, which limits their access to agri-fishery assets, education, markets and other opportunities.

Despite these hurdles, the Department of Agriculture – Regional Field Office 5 (DA-RFO 5) has been consistent in implementing Gender and Development (GAD) Programs, Activities and Projects (PAPs) that are holistic in nature, focusing primarily on the participation of rural women to agri and fishery activities.

The DA-RFO 5 ensures that its programs are responsive to the needs, concerns, and limitations of women and women-led organizations in the region. For FY 2022, the agency has recorded 35.5% GAD Expenditure or about Ps 989,809,115.00 of its 2022 budget appropriation of Ps 2,787,779,000.00 of which 99.76% and 0.24% covered client and organization-focused interventions, respectively.

Among the agency’s major programs, the National Rice Program was subjected to the Harmonized Gender and Development Guidelines (HGDG) – Project Implementation and Monitoring and Evaluation (PIMME), a Gender Mainstreaming Tool used for the attribution of GAD PAPs and Budget Allocation for the Agency’s Flagship Programs as mandated in the PCW-DBM-NEDA Joint Circular No. 29012-01. Using the said tool, Rice Program has recorded a score of 16.68x (gender responsive) based on its accomplishment report for the attribution to GAD. With this, the annual program expenditure attributable to GAD was about Ps 923,648,895.00.



Of the total attributions, the following are the percentage share of each banner program: Rice Program (93.43%), Corn Program (1.46%), Livestock Program (1.89%), High Value Crops Development Program (0.42%), and Organic Agriculture Program (0.13%). For the Locally-Funded Projects: Special Area for Agricultural Development (SAAD) and Kabuhayan at Kaunlaran sa mga Kababayang Katutubo (4Ks) recorded a share of 2.12% and 0.20%, respectively.

On the other hand, the General Administration and Support Services (GASS), Support to Operations (STO) and Various Support Services had contributed a share of 0.35% for the provisions of planting materials, animals, conduct of livelihood and entrepreneurial trainings. The organization-focused activities like Capability/Capacity -Building Trainings, Annual Women’s Month Celebration and Inter-Agency and GAD Focal System Quarterly meetings were likewise charged to GASS-STO and Rice Program.

CLIENT-FOCUSED

Production Support Services



Increased economic empowerment and food security and accessibility through access of women-farmers to production support services like seeds, planting materials, fertilizers, animals, and other inputs to increase farm income and continuous production of food has been one of the priority concerns of the DA-GAD Program.

Under Corn Program, 7,840 kgs. of white corn seeds were distributed to 392 women farmers or 42.61% out of the total 920 beneficiaries. About 5,760 kgs of yellow corn seeds of registered and certified flint and a glutinous corn seed were similarly distributed to 640 women farmers. A total of 429,000 cassava seed pieces were distributed to 22 women farmers and three (3) women-led organizations in support to Cassava production in the region. The Fertilizer-Discount-Vouchers (FDV) were also provided to 200 women corn farmers amounting to Ps 2,000 per farmer beneficiary.



Other major commodities that greatly contributed in ensuring food security and accessibility in the region are the high value crops along with livestock and poultry. A total of 165 kilograms of lowland vegetables, 780 kilograms of peanut, 2 kilograms of hot pepper, 12,500 kgs of organic fertilizer and 225 rolls of plastic mulch were provided to 49 women-led organizations under the High Value Crops Development Program (HVCDP) that helped ensure ready supply of fresh and safe vegetables for their families and communities.



The Livestock Program distributed 2,400 heads of chicken, 500 heads duck, 10 heads sheep, 10 heads goat, and 30 heads of swine to 37 women-led organizations and 60,885 pieces of forage cuttings/stalks were made available to 20 individual women farmers and 4 group beneficiaries. The program also awarded 182 packages inclusive of 3 heads of swine, 1 ASF kit and 3 bags feeds per beneficiary to 182 individual women under its Swine Sentinel Project. In addition, 474 pieces of semen straws for cattle and 532 for carabao were provided to 309 women beneficiaries.

Under the Organic Agriculture Program, about 480 kilograms of organic rice and 80 kilograms of OPV corn, 200 kilograms of African Night Crawler (ANC) and 24,000 kgs. of organic fertilizer were distributed to 40 women farmers and 16 women-group beneficiaries. Likewise, the program also distributed 420 heads of chicken to 42 women farmers.

About 220 pcs of planting materials of cacao, 570 pieces of sexually and asexually propagated pili, 6,000 sweet potato cuttings, 2,340 pcs of taro and 10 heads of swine were provided to 205 women beneficiaries across the provinces of the region under Other Production Support Services.

Through the Food Production and Livelihood Component of the Special Area for Agricultural Development (SAAD) Project in the Provinces of Catanduanes, Masbate and Sorsogon, a total of 35 women-groups were assisted with various interventions amounting to Ps 13,480,215.00. The interventions provided for groups of women were provided with rice, poultry, high-value, organic agriculture, corn and cassava livelihood-based packages.

Under Agricultural Machinery, Equipment and Facilities Support Services (AMEFSS), value-adding and processing equipment were distributed to 23 women-led organizations such as 85 units knapsack sprayers, one (1)-unit multi-cultivator, one (1) unit corn husker/sheller, one (1) unit four-drive-wheel tractor, one (1) unit corn mill, one (1) unit mechanical dryer, one (1) unit tractor with silage chopper, one (1) unit cassava chipper and 50 units of plastic crates.



The Livestock Program has also distributed five (5) incubators with hatcher to five (5) group-beneficiaries namely:

- 1) Golden Highlands Agriculture Cooperative (*Panicuason, Naga City, Camarines Sur*)
- 2) ASGAD Vegetable Farmers Association (*Asgad, San Andres Catanduanes*)
- 3) Goa Organic Agriculture Cooperative (*Hiwacloy, Goa, Camarines Sur*)
- 4) Buyuan Farmers Association (*Brgy. Buyuan, Legazpi City, Albay*)
- 5) Marilag Integrated Farmers Association (*Sipocot, Camarines Sur*)



Extension Support, Education and Trainings Services (ESETS)

On issues like women’s lack of access on improved farming technologies, lack of entrepreneurial and leadership capabilities, and limited capacity of women to produce safe, quality and globally competitive agriculture and fishery products, DA-RFO 5 has implemented various programs, activities, and projects such as capacity building, entrepreneurial, value-adding trainings, and consultations/meetings.



The Corn Program has conducted one (1) Farmer Field School (FFS), one (1) Seed Grower Training, two (2) Bantay Peste Brigade Trainings, two (2) Corn and Cassava Cluster Development Trainings, two (2) Training on Good Agricultural Practices (GAP) and 1 Entrepreneurial Training which were participated by 167 women.



On the other hand, a Good Agricultural Practice (GAP) Training on Malunggay Production and Processing on March 22-23, 2022, Good Manufacturing Practices (GMP) on Vegetable Processing on June 22-23, 2022 and Values Formation, Leadership and Financial Management Training on June 27-28, 2022 at the Macagang Business Center in Nabua, Cam. Sur. The said trainings were participated by 58 women farmers.

The SAAD also conducted a total of 52 production, value-adding and Entrepreneurial Trainings for Rice, Corn, HVCD and Livestock and Poultry as part of the Social Preparation Component of the Project to 1,183 SAAD women-beneficiaries. Also, the Organic Agriculture program conducted seven (7) Organic Chicken Production Trainings and six (6) Organic Agriculture related trainings to 134 women-farmers.



Gender and Development (GAD) Trainings

For FY 2022, five (5) Livelihood and GAD related trainings were conducted namely, Training on Food Sculpturing (*Fruits and Vegetable Carving*)-2 batches, Training on Fruit Juices and Wine Making and 2 batches of Training on Advanced Meat Processing in Camarines Sur and Albay, respectively.

The training on Food Sculpturing (Fruits and Vegetable Carving) was held in two (2) batches: the first one was held DA RFO 5, San Agustin, Pili, Camarines Sur on March 23, 2022 while, the second batch was held at Albay Farmers Bounty Village at APAO, Camalig, Albay on March 24, 2022 which was attended by members of Rural Improvement Clubs (RICs) and Farm Youth Organizations like 4H Clubs. A lecture-discussion and hands-on demonstration were employed for effective instruction by Chef Billy Franseco B. Genterola, resource speaker of the said training.

The Training on Fruit Juices and Wine Making was held on June 21, 2022 at DA RFO 5, San Agustin, Pili, Camarines Sur which was attended by selected RICs and 4-Hers. Ms. Lorna Daud, GREAT women beneficiary and owner of Yulaik Food products, shared her valuable knowledge as the resource speaker.

The Training on Advanced Meat Processing was also held in 2 batches: first batch was held at DA RFO 5, San Agustin, Pili, Camarines Sur on June 23, 2022 while the second batch was held at Albay Farmers Bounty Village at APAO, Camalig, Albay on June 30, 2022. Chef Billy Franseco B. Genterola was also the resource speaker of both batches with RIC and 4-H Club members in attendance.



Six (6) other trainings were conducted by the GAD Office, including Trainings on Integrated Diversified Organic Farming System (IDOFS) for Rural Women and Farm Youth (3 batches), Training on IDOFS for IP Women (1 batch) and Trainings on Herbs and Spices Production and Utilization (2 batches).



Active participation of WMEs particularly the GREAT Women Project beneficiaries to Livelihood and GAD related trainings for Rural Women and Farm Youth significantly helps them equipped with knowledge, increase their profit and expand their business. Regional GAD Office has conducted Trainings on Food Sculpturing, Training on Fruit Juices and Wine Making, Training on Advanced Meat Processing and Training on Herbs and Spices Production and Utilization in the provinces of Camarines Sur and Albay.



DA RFO 5 continued to support selected women micro-entrepreneurs (WMEs) with capacity development initiatives after it ended in December 2021. These initiatives improved the WMEs' ability to produce and market high-quality and environmentally sustainable products as well as to boost the competitiveness and sustainability of their business.

As a part of the aforementioned activities, Market Matching activity and seven (7) regional and national trade fairs were participated by about 236 WMEs through DA-AMAD by providing them with free access to booth space and refreshments throughout the activity.



Marilyn Haya
Training on Fruit Juices and Wine Making



Ms. Rebecca Purisima with other RIC members Training on Food Sculpturing



Arim's, Muscovado and Siligaya has participated in the Manila Foods and Beverages Expo (MAFBEX)



Ms. Rebecca Purisima of VK's Farm has joined the Agri-Trade Fair in Cam. Sur

DA-ACPC Agri-Pinay Loan Program



The Republic Act No. 9710 or Magna Carta of Women and the Republic Act No. 8435 or the Agriculture and Fisheries Modernization Act (AFMA) mandates the creation and promotion of gender-equal programs and support systems to provide equal opportunities for women in the agri- fishery sector. In this regard, the DA thru the Agricultural Credit Policy Council (ACPC) seeks to improve women's access to rural credit as part of its GAD mainstreaming efforts which is why the Agri-Pinay Loan Program was created. It aims to address the loss of income and livelihood of vulnerable sectors as a result of the COVID-19 pandemic, intensify gender equality in agribusiness, and promote the empowerment of women in the agriculture and fisheries sector.

As of December 2022, 83 rural women-entrepreneurs were awarded with loan assistance amounting to a total of Five Million (Ps 5,000,000.00). An interest-free loan amounting to Ps 1,280,500.00 was awarded to 24 women in Albay, Ps 2,700,000.00

to 43 women in Camarines Sur, Ps 229,500.00 for the lone entrepreneur in Camarines Norte, Ps 690,000.00 to 12 women entrepreneurs in Catanduanes and Ps 100,000.00 to one (1) women-entrepreneur in Sorsogon.

As of December 31, 2022, there were 61 beneficiaries who partially paid their loans amounting to about Ps 943, 396,57. With this, the ACPC Team chosen Bicol as pilot area in the video documentation of selected Agri-Pinay loan beneficiaries.

The agricultural ventures assisted by the program varied between Crop Production (*rice, corn, vegetables, legumes, and fruits*), Poultry-raising (*native chicken and duck productions*), Herbs and Medicinal Plant Production, Plant Nurseries, Hydroponics, Mudcrab Production, Value-Adding enterprises, and others.

Enterprise Development in AMIA

Adaptation and Mitigation Initiative in Agriculture (AMIA) is a national initiative and a communication strategy to provide focus on the two core issues of climate change in agriculture: adaptation and mitigation. It has the main objective of providing an efficient yet resilient agriculture support services to enable the country's agri-fisheries sector to effectively address climate change through resilient livelihoods and communities. It is coordinated and managed by the System-Wide Climate Change Office.

AMIA 5 has completed the establishment of four (4) AMIA Villages of Albay, Camarines Sur, Sorsogon and Masbate benefitting 20 women. The following AMIA villages are: 1) Agri-Store, plus Poultry Egg Production -Joroan, Tiwi, Albay; 2) Fish Production, Machine Custom Servicing - Cagbunga, Pamplona, Camarines Sur; 3) Poultry Egg Production - San Isidro, Prieto Diaz, Sorsogon and; 4) Poultry Egg Production- Alas, Mandaon, Masbate. AMIA villages are model communities in terms of technological and institutional innovations as well as access to climate-relevant support services. The Climate-Resilient Agriculture (CRA) Technology of Rice Duck Egg Integration was applied in the site in Joroan, Tiwi, Albay. This particular practice is most effective in flood prone or saltwater intruded areas like Joroan which is a coastal barangay. Ducks serve as biological control agents to the rice areas, while the snail and weeds they ingest provide the ducks with additional nutrients.



Bicol Women's Day Celebration



In observance of the Women's Month Celebration, DA-RFO 5 has conducted the Bicol Women's Day Celebration on March 08, 2022 at Sonrisa Farm, Carangcang, Magarao, Camarines Sur. Women agripreneurs, RIC members and leaders from Camarines Sur, Camarines Norte, and Albay attended the event. USEC Evelyn Laviña, Undersecretary for High Value Crops and Rural Credit and Vice-Chairperson, graced the event. Anchored still to the theme, **"We Make Change Work for Women"**, this year's women's month celebration with the slogan **"Agenda ng Kababaihan, Tungo sa Kaunlaran"** is a celebration of women exercising choices, taking chances to make voices heard, and benefitting from and trailblazing changes.

One of the invited resource persons was Atty. Neil B. Canicula who discussed Women and Politics. A talk show featuring inspiring women agri-preneurs who have triumphed despite the pandemic was also a key part of the event. One of those is Ms. Cristina L. Torreda, 2021 National Winner, search for Outstanding Rural Women of the Department of Agriculture.





Regional Awarding - Search for Outstanding Rural Women 2022



The Search for Outstanding Rural Women has been held nationwide since 2003 to highlight and recognize the role of rural women in achieving food security and stabilizing rural economy.

The Search focuses on smallholder farmers/fishers in rural areas with high poverty incidence to determine how a rural woman overcomes the challenges and hurdles not only as a female but as a female worker in the countryside. It also appraises the impact of each woman's success in the lives of people in her community. Hence, the government finds a way to improve the delivery of necessary services and interventions in the poor areas of the country.



For this year's SORW, six (6) empowered rural women from the provinces of Albay, Camarines Norte, Camarines Sur, Catanduanes, Masbate and Sorsogon had competed for the title.

Ms. Liezel E. Grajo of Brgy. Tigbao, Casiguran, Sorsogon was adjudged as the Regional Winner of Bicol Region in the recently concluded Search for Outstanding Rural Women 2022 at Villa Caceres Hotel, Naga City on October 6, 2022.

Other winners were the following:

| AWARD | RURAL WOMEN | ADDRESS | CASH PRIZE |
|------------------------|----------------------|-----------------------------|--------------|
| Regional Winner | Ms. Liezel E. Grajo | Casiguran, Sorsogon | Ps 50,000.00 |
| 1st Runner-Up | Ms. Sonia Padilla | San Miguel, Catanduanes | Ps 30,000.00 |
| 2nd Runner- Up | Ms. Mailyn M. Perez | Dimasalang, Masbate | Ps 20,000.00 |
| Special Prize | Ms. Susan Tadas | Tabaco City, Albay | Ps 5,000.00 |
| | Ms. Maria Paloma | San Fernando, Camarines Sur | Ps 5,000.00 |
| | Ms. Rubelyn A. Balon | Daet, Camarines Norte | Ps 5,000.00 |

National Awarding - Search for Outstanding Rural Women 2022



Ms. Liezel E. Grajo of Casiguran, Sorsogon continued to bring pride to Bicol Region being adjudged as 1st Runner-Up for the National Search for Outstanding Rural Women 2022 held on December 09, 2022 in PhilRice, Science City of Muñoz, Nueva Ecija. Ms. Grajo has competed against 10 nominees from different regions across the country. She received a trophy, plaque and cash prize amounting to Ps 80,000.00.

The activity was graced by no other than the Senior Undersecretary of the Department of Agriculture, USEC Domingo Panganiban, Philippine Commission on Women (PCW) Executive Director Kristine Atty. Kristine Rosary E. Yuzon-Chaves, PhilRICE Executive Director, Dr. John C. de Leon and Gender Equality and Social Inclusion (GESI) Director Anrray Villota-Rivera.



ORGANIZATION-FOCUSED

As a result of lifting COVID-19 restrictions, various targets for the organization-focused activities like conduct of GAD Orientation/ Gender Analysis Training and other Capability/ Capacity Trainings, were successfully conducted.

An Inter-Agency Women's Month Celebration was held at DA RFO 5, San Agustin, Pili, Camarines Sur on March 10, 2022 and attended by 106 DA women employees. This year's slogan "*Agenda ng Kababaihan, Tungo sa Kaunlaran*" is a celebration of women exercising choices, taking chances to make voices heard, and benefitting from and trailblazing changes.



Other activities for employees were the Sexual Orientation on Gender Identity and Expression (SOGIE) Basics and Gender Sensitivity Awareness Seminar on September 6-7, 2022 at Naga City and Seminar on Crafting and delivering virtual Presentations in November 09-10, 2022 at DA RFO5, San Agustin, Pili, Camarines Sur.



Likewise, Training on Gender Sensitivity aims to understand the basic concept of Gender and Development (GAD) more precisely, takes into account the needs, priorities, and expectations of both women and men while planning, implementing and evaluating training activities in order to ensure that women and men receive equitable benefits in the workplace. The said training was held at 3rd floor, PMED, DA RFO 5, San Agustin, Pili, Camarines Sur on November 15, 2022, attended by 25 women employees of DA.

Quarterly GAD Focal Point System Meetings cum Project Visitation



The mobile GAD Focal Point System Meetings cum Project Visitation were conducted per quarter. The first quarter meeting was held at PMED Conference Room, DA RFO5, San Agustin, Pili, Camarines Sur on February 23, 2022 via blended meeting. The second and third quarter meetings were held at the island provinces of Catanduanes and Masbate on May 25, 2022 and September 6, 2022, respectively. After the meeting in these provinces, GADFS members conducted a Project Monitoring of BFAR and DA. Lastly, the fourth quarter meeting was held at Sonrisa Farm, Carangcang, Magarao on December 21, 2022.



1st Quarter



2nd Quarter



3rd Quarter



4th Quarter



Project visitation in the island Provinces of Catanduanes and Masbate

Other Notable Accomplishments

1. Attendance to Global Summit of Women

After two years of postponement due to COVID-19 pandemic, on-going war between Russia and Ukraine and other natural disaster, the 32nd GSW at Bangkok, Thailand was finally pushed through.

This 32nd GSW is an annual international business and economic forum for female leaders with over 650 participants from 52 countries. “Women: Creating Opportunities in the New Reality”, was this year’s theme in response to evolving development and economic change happening in the world as affected by the global pandemic. This theme is also relevant to the formulation and implementation of policies in post-pandemic, socio-economic recovery and development.

There were about eighteen (18) filipinas who had attended this summit headed by USEC Sandy Montano of the Philippine Commission of Women (PCW). Some of them are businesswomen while the rest are PCW and DFA retirees and DA-GAD-FPS Vice-Chairperson and members.

Adjudged as the best practice public-private sector project advancing economic opportunities for women and girls was the Gender Responsive Economic Actions for the Transformation (GREAT) Women Project presented by USEC Sandy S. Montano of the Philippine Commission on Women (PCW) during the Ministerial Roundtable Discussion in June 23, 2022 at the GSW venue. It is a project funded by the Government of Canada that seeks to improve the economic empowerment of women micro-entrepreneurs (WMEs) and their workers through (1) improving the competitiveness and sustainability of women’s micro-enterprises and (2) improving the enabling environment for women’s economic empowerment. The DA actively implemented this project in different regions and made significant impact to various women in rural areas in partnership with other government agencies and private organizations. One of the pilot regions of this project is Bicol Region headed by DA GAD Chairperson, Ms. Aloha Gigi I. Bañaria.



The Philippine delegates with Ms. Josie Natori (sitting beside USEC Montano wearing pants) Founder & CEO, The Natori Co. (Philippines/USA) who served as one of the panelists during the summit.

2. Attendance to the 8th International Weed Science Congress

The 8th International Weed Science Congress entitled “Weed Science in a Climate of Change” was held between 4th and 9th December 2022 in the Marriott Marquis Queen’s Park hotel, Bangkok, Thailand. The European Weed Research Society traditionally takes an active part in the preparation of the scientific program. The congress hosted 350 delegates from 44 countries, which was a good number considering the uncertainty and limitations still resulting from COVID pandemic circumstances. Among the Philippine delegates are DA-RFO 5 Regional Technical Director Luz R. Marcelino and Science Research Specialist II, Ms. Hencilyn Yamson.



Ms. Filipinas Gerardo of ACPC and Ms. Aloha Gigi I. Bañaria of DA-RFO 5 and Dr. Diadem Gonzales of PhilRICE together with USEC Montano of PCW



Chief of PMED and DA-RFO 5 GAD Focal Person holding the plaque of the Ministerial Award



The Philippine delegates together with Usec. Montano who received the Ministerial Award.



Philippine delegates together with the representatives from various institution



Ms. Yamzon presenting the paper titled "Using matamat (*Rynchospora corymbosa* L. Britton) for Enterprise Development in Flood Prone Areas in Camarines Sur" with rural women and young girls as beneficiaries.



3. Attendance to Knowledge Management of Best Practices of Outstanding Rural Women



This activity is part of the Annual DA Search for Outstanding Rural Women (SORW) intended to continue the capturing, storing, sharing and effectively managing the knowledge and experiences of the outstanding rural women from various regions of the country to produce a collection of important Information Education and Communication (IEC) materials on Gender and Development (GAD).



As such, Bicol's very own 2019 Outstanding Rural Women, Ms. Rossini M. Obligation together with Planning Officer II and Alternate GAD Focal Person, Mr. Alvin J. Milan represented the region at Region XII Koronadal City on November 14 to 18, 2022. The activity was spearheaded by DA Gender and Development Focal Point System (GFPS)/ Gender Equality and Social Inclusion (GESI) and Ms. Obligation is one of the esteemed speakers.

3. Attendance to the Gender and Development (GAD) Focal Point System Year-End Assessment and Capability Building on Mainstreaming Tools 2022



The three (3) – day GFPS Year-End Assessment was held at Philippine Carabao Center (PCC), Science City of Muñoz, Nueva Ecija last December 5-7, 2022. Representatives from DA attached agencies and line bureaus and regional field offices took part and actively participated in the said activities. In behalf of DA-RFO 5 GAD Focal Person and PMED Chief, Ms. Aloha Gigi I. Bañaria, PMED staff Ms. Jessa Mae Siano has presented the highlights of the region's accomplishments in both client and organization-focused activities for FY 2022.

The panelists during the year-end activity were PCW and DA-GAD -CO officials. DA-Bicol was recognized by PCW particularly for its video presentation for capturing well its GAD accomplishments.

The participants were also welcomed by PhilMECH who also shared their best Practices for Mainstreaming of GAD project implementation.



DA-GESI Direktor Annray Villota-Rivera joined the group together with the heads of PhilMECH, representative from various agencies and GAD Focal Persons of different regional offices in promoting a VAWC-Free Working Environment.

18-Day Campaign to End Violence against Women and Children (VAWC)

The Culminating activity on the 18-Day Campaign to End Violence against Women and Children (VAWC) 2022 was held on November 25, 2022 after the Flag raising Ceremony. Anchored to the theme ‘United for a VAW-FREE Philippines’ which aims to highlight the gains and milestones achieved in the efforts to prevent and address VAW in the country toward the assessment of VAW-related laws’ implementation and strengthening of the same, the Philippine Commission on Women (PCW) supports the government’s action to sustain the drive towards a VAW-free community. During the Culminating Activity of the said campaign which started on November 25, 2022, 100 heads of chicken were distributed to 33 DA Lady Employees Association (DALEA) members.



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