

OFFICE OF THE PROVINCIAL AGRICULTURIST

AUGUST

MONTH

2024

YEAR

Accomplishment Report

RICE DEVELOPMENT PROGRAM AND SERVICES							
PROGRAM/PROJECT/ ACTIVITY DESCRIP		DESCRIPTION	STATUS/REMARKS/ ACCOMPLISHMENT				
1.	Seed Assistance Program						
a.	Seed Production	DA-PLGU Collaborative Project. A commitment of individual accredited seed growers in providing certified seeds for buffer seed and		anted to a total o	Wet Season (WS) crop 2024, Register a total of 1520.64 has. (hectares). Planted for Seed Production ason (WS) crop 2023-2024		
		stocking.		Province	Variety	Seed Class P	lanted (ha)
						F	R
					NSIC Rc 160		2.50
					NSIC Rc 216		10.80
				la ab ala	NSIC Rc 218		12.00
				Isabela	NSIC Rc 222		1,005.50
					NSIC Rc 402		36.30
					NSIC Rc 436		82.24
					NSIC Rc 480		69.15
					NSIC Rc 442		0.60
					NSIC Rc 508		163.16
					NSIC Rc 512		106.49
					NSIC Rc 534		7.20
					NSIC Rc 628		1.00
				PSB Rc 18		22.70	
					PSB Rc 82		1.00
				Total			1,520.64
2.	Regular Programs and Projects under the Rice Development Program	PLGU Funded. An initiated project of PLGU in collaboration with DARFO, MLGU and Private Seed and Bio-Fertilizer Companies.	Pa Th the me	artner Seed and team discussion of the delivery of conitoring of the delivery	and Fertilizer co ussed the updat f water and far ne PRTF techno	ct of weekly meet mpanies and farm es, issues, and comminputs and commo. As of this a total of 12.641 h	mer cooperato concerns such conducted regumenth, out of

a. Provincial Rice Technology Forum (PRTF) A technology showcase in cluster farms of the different hybrid rice varieties and technologies.

Every meeting, two companies were assigned to introduce and discuss their company products including the preparation of their share for meals and snacks.



Provincial Rice Technology Forum Profile

Number of Companies/ Agencies Involved		Number of Farmer Cooperators		Area (ha)		
Seeds	Bio- Fertilizer	Seeds	Bio- Fertilizer	Seeds	Bio- Fertilizer	
14	19	25	32	15.11	25.67	

b. Technology
Demonstration
on Rice
Production
through Farm
Mechanization
with Farmers'
Field School
(FFS)

Initiated project of PLGU in collaboration with MLGU.

A combination of lectures and hands-on training for farmer-participants to enhance their capacity and farming practices.

The OPA rice team was able to establish the Techno Demo Field on Mechanized Farming for the Conduct of Farmer's Field School (FFS) at three different sites: Massipi West Cabagan, Abut, Quezon, and Wigan, Cordon, Isabela.

Each site has one-hectare Techno Demo Field with four interventions—Mechanical Transplanter, Mechanical Spreader, Modified Drum Seeder and Manual Transplanter. The said techno demo will serve as learning field during the conduct of FFS.



The OPA rice team conducted a meeting for farmer-participants of the Mechanized Technology Demonstration cum Farmer's Field school (FFS) with LGU-Staff of Masipi West, Cabagan, Abut, Quezon, and Wigan, Cordon, Isabela.

Engr. Norwell A. Sabigan, discussed the purpose of the program in enhancing the learning, experience, technology adoption of farmers on rice production and the importance of Mechanized Technology Demonstration and its implementation.

Conducted Pre-Test through ballot boxes to assess the level of knowledge of farmer-participants in rice farming; most of the participants were not familiar on types and names of insect pests and diseases.

The participants were divided into five groups and each group has their own area of assignment for the established techno demo field for the AESA activities.

Conducted workshop on the levelling of expectations of participants; they are expected to learn the new technologies of rice production, how to increase yield, and learn how to manage pests and diseases.

Discussed the importance of Growth Phases (Vegetative, Reproductive and Ripening) and Stages (Germination to Emergence, Seedling, Tillering, Stem Elongation, Panicle Initiation to Booting, Heading, Flowering, Milk Grain, Dough Grain and Mature Grain) of the rice plant. Discussion on Agro-Ecosystem Analysis (AESA) and how to conduct AESA was also conducted.



c. Good Agricultural Practices (GAP) The OPA rice team conducted a Training on Philippine Good Agricultural Practices (GAP) on rice production at Limbauan, San Pablo Isabela.

Representative of DA-LGU staff delivered a message of support to the 35 participants from the barangay and gave emphasis on benefits of being a GAP certified farmer.

The topics discussed were RA 10611 or Food Safety Act of 2013, Philippine National Standards (PNS): Code on Good Agricultural Practices (GAP) for rice production, the Soil Sampling/Balanced Fertilization, the Pest and Diseases Management/ Biocontrol Agents (BCAs), the Proper use, safe handling and disposal of fertilizer and pesticides, and the PhilGap Certification Guidelines.

The training aimed to equip the participants on Good Agricultural Practices in order to guide the production system towards a sustainable agriculture, ecologically safe and obtain harmless product with higher quantity and to contribute to food security and increase income through the access to markets.







3. Price
Monitoring of
Palay

A data collection of the prevailing price per kilo of palay from different commercial centers.

Average Price per Kilogram of Palay (August 2024)

Dry	Php27.22	
Wet	Php22.29	

4. Monitoring of Rice Planting and Harvesting

Data collection of the status of rice planting and harvesting.

Planting Report for the Month of August 2024

Ecosystem	Area Planted (ha)
Irrigated	13,764.99
Rainfed	5,001.80
Total	18,766.79

Harvesting Report for the Month of August 2024

Ecosystem	Area Harvested (ha)	Production (MT)	Average Yield (MT/ha)
Irrigated	7,221.21	38,254.94	5.30
Rainfed	25.50	109.64	4.30
Total	7,246.71	38,364.58	5.29

Standing Crop per Stage as of August 31, 2024

Stage	Area (ha)						
Stage	Irrigated	Rainfed	Total				
Maturity	39,684.55	1,545.70	41,230.25				
Reproductive	72,507.51	6,006.98	78,514.49				
Vegetative	27,435.61	4,289.13	31,724.74				
Seedling/NP	1,800.60	356.17	2,156.77				
Total	141,428.27	12,197.98	153,626.25				

5. Attendance and participation to Meetings/ Symposia

a. Monthly
Municipal/City
Agriculturists
Meeting

To keep abreast of the programs/projects of the different government agencies for the development of agriculture sector.

Attended the regular monthly Municipal/City Agriculturists Meeting at DA-CVRC, San Felipe, City of Ilagan, Isabela. Discussed during the meeting were Weather Update and Climate Outlook from DOST-PAGASA, Status of Farming Operations under the NIA-MARIIS, NIS, CIS, Status of Magat Dam and other programs, Rice, Corn, HVCDP, and Fisheries Programs updates, and other concerns.



6. Collaborative Programs/ Projects

a. Good
Agricultural
Practices (GAP)
for Rice

The OPA-Rice Staff assisted the conduct of Technical Briefing and Workshop of Philippine National Standards: Codes on Good Agricultural Practices (GAP) for rice production conducted by the DA-RF02 at San Mateo and San Mariano, Isabela.

The workshop aimed to enhance the knowledge of participants on the basic principles of GAP and its application to farms for certification. The topics discussed were the following:

- 1. RA 10611: Food Safety Act of 2013
- 2. Philippine National Standards (PNS): Code on Agricultural Practices (GAP) for rice production
- 3. Soil Sampling/Balanced Fertilization
- 4. Pests and Diseases Management/ Biocontrol Agents (BACs)
- 5. Proper use, Safe Handling, and Disposal of fertilizer and pesticides
- 6. PhilGAP Certification Guidelines









b. Registry System for Basic Sectors in Agriculture (RSBSA) Registration

Spearheaded by the Department of Agriculture Regional Field Office 02 to ensure comprehensive registration and profiling to better support farmers, particularly the younger generations.

OPA-Rice Staff extended assistance in the conduct of massive registration of the RSBSA and individual profiling of youth members who are venturing into agriculture at Quirino, Isabela.







c. Modified
Planting
Calendar
Farmers' Field
Day of DA CVRC-RF02

Attended the Modified Planting Calendar Farmers' Field Day spearheaded by the DA - CVRC-RF02 at Luna, Isabela. It was attended by Hon. Adrian Leandro P. Tio, Municipal Mayor of Luna, Isabela, Mr. Nestor Labog, Municipal Agriculturist of the said municipality and SWISA member of Brgy. Macanao, Luna, Isabela. The program showcased earlier planting method to

prevent flooding/lodging during Wet Cropping Season and to avail high market price.





d. Market-related training on Basic Business Recording The Special Area for Agriculture Development (SAAD) program of the Department of Agriculture is essentially anchored in poverty incidence reduction, and local agricultural production activation. through livelihood assistance for **Filipino** marginalized farmers and fisheries. The program committed to the development of marginalized **Filipino** communities by improving their economic conditions, creation of livelihood opportunities in agriculture and fishery sectors.

The OPA-Rice Staff attended Market-related training on Basic Business Recording Dur-As Farmers Association under the Special Area for Agricultural Development (SAAD) at San Isidro, Isabela.









e. Seed Component Performance Assessment Meeting Engr. Norwell A. Sabigan, Agriculturist I of OPA-Isabela together with Marvin A. Luis, Regional Rice Focal Person of DA-RFO 2, Dr. Julito C. Claveron Jr, and Engr. Maria Lourdes Mundoc, Regional Seed Coordinator, attended the Seed Component Performance Assessment Meeting at Dinapigue, Isabela.

The meeting aimed to make the participants plan, present scenario and thresh out issues and possible solutions for better implementation of the Seed Industry Program thereby providing necessary support to attain self-sufficiency and food security.





	CORN DEVELOPME	NT	PROGRAM AN	ND SERVICES			
PROGRAM/PROJECT/ ACTIVITY DESCRIPTION		STATUS/REMARKS/ ACCOMPLISHMENT					
1. Monitoring and Consolidation of Corn and Cassava Planting and Harvesting		Wet Season 2024 Harvest Report as of August 30, 2024					
Reports a. Corn Crop	Data collection of the		Corn Type	Area Harvested (ha)	Pr	oduction (MT)	Average Yield
	status of corn planting and harvesting reports		Yellow	299.50	1	1,335.13	4.46
	from LGUs.		White	84.00		246.03	2.93
			Total	383.50	1	1,581.16	4.12
			Stages of Co Corn Stage		Are	a Planted (<mark>ha.)</mark>
				Yellow		White	Total
			larvested	299.50		84.00	383.50
			Harvestable	930.46		50.00	980.46
		-	Maturity Reproductive	89,004.1 34,883.7		556.45 45.00	89,560.55 34,928.76
			/egetative	155.39		0.00	155.39
			Fotal	125,273.2		735.45	126,008.66

b. Cassava Crop

Data collection of the status cassava of planting and harvesting reports from LGUs.

Stages of Cassava Planting Report as of August 30, 2024 Crop Year 2023

Cassava	Area Planted (ha.)					
Stage	Yellow	White	Total			
Harvested	469.60	0.00	469.60			
Maturity	2,518.65	47.00	2,565.65			
Total	2,988.25	47.00	3,035.25			

Stages of Cassava Planting Report as of August 30, 2024 Crop Year 2024

Corn Store	Area Planted (ha.)					
Corn Stage	Yellow	White	Total			
Maturity	192.60	5.00	197.60			
Vegetative	3,421.47	195.00	3,616.47			
Seedling	287.75	0.00	287.75			
Total	3,901.82	200.00	4,101.82			

2. Price Monitoring of Corn

Data collection of the prevailing price per kilo of from different trading centers in the province.

Average prevailing price of corn monitored from different trading centers for the month of August 2024

CORN Average Prevailing Price (Php)						
Yellow White Flint Glutinous						
Dry	17.90	-	-			
Fresh	12.92	-	-			

3. Regular Programs and Projects under the Corn Development Program and **Services**

a. 16.50 - Hectare Isabela Provincial Corn and Bio-fertilizer Derby (IPCBD) Techno Demo cum Farmers' Field School (FFS) Wet Cropping Season 2024

The Isabela Provincial Corn and Bio-fertilizers Derby (IPCBD) Techno Demo project is located Brgy. Fermeldy, Tumauini, Isabela, a PGI initiative project through OPA Corn Program that showcases seed company's high yielding varieties with production protocols, adoption of Balanced Fertilization Strategy (BFS), and Biofertilizer Technology Protocols using fertilizer materials to sustain nutritional requirement of crops and maintain soil health for long-term productivity.

CORN and BIO-FERTILIZER DERBY cum FFS PROJECT **PROFILE/STATUS**

DISTRICT District I

Brgy. Fermeldy, Tumauini, Isabela LOCATION

COOPERATORS 14 farmers 16.50 hectares **AREA**

ECOLOGICAL ZONE RIVER FLOOD PLAIN (UPPER VEGA)

DATE OF CROP May 24-25, 2024 **ESTABLISHMENT**

CROP STAGE Reproductive (Silking) Stage

T1 – Balanced Fertilization Strategy **INTERVENTIONS**

T2 – Bio-fertilizer Technology Protocol

T3 – Silage Production

FFS PARTICIPANTS 50 farmer participants from Barangay

Fermeldy, Malamag West, and Fugu

Norte, Tumauini, Isabela

NOTE: Out of 50 registered farmers for the Season-long Farmers' Field School (FFS) project in the barangay, only 33 farmers who completed the FFS training course will graduate on September 20, 2024 Culminating Activity.

SEED COMPANY WITH VARIETY USED FOR BFS **AND SILAGE INTERVENTIONS**

Corn Seed Company	Variety		
(9.0 ha.)	BFS	SILAGE	
SYNGENTA	NK-6130 EZR	NK-6130 EZR	
	NK-6410 VIP		
BAYER	DK - 8282S	DK-8282S	
CORTEVA	P-3585 PW		
	P-3582 PW	P-3582 PW	
ADVANTA	PAC 339 Vt2	Super 999 Vt2 Pro	
	Pro		
CORNWORLD	CW-1777	CW-1722	
	CW-1722		
BIOSEED	Healer 102G	Healer 101G	
ASIAN HYBRID	J-505	J-505	
	Supreme		
	5150		
VIGOUR SEED	MAIZE D30	Mais Swerte	
	Mais Swerte		
EVOGENE	EG-501	EG-501	

BIO-FERTILIZER COMPANY AND PRODUCT/S

Bio-fertilizer Company	Product/s
ENVIRO-AZOTABAC	EN
ADAMCO	Adaboost
THAIPHIL	Synergy,BIO H600
RICH PAUL	Wonder, Amaze
CROP KING	Consort
CORTEVA	Maisagana (utrisha)
ALJAY	0. Valley, Alga 600 MOP,
	Alga 300 plus
ALDIZ	Avatar
ROMARC	Yaman
ENVIREAU PACIFIC	Vigor Raja
BIOPRIME	Bioprime
AGRISPECIALIST	BIO-N

COMPANIES AND SOIL AMELIORANT PRODUCT/S

Company	Product/s
UPL	Zaba and Macarena
ATLAST	Inorganic Fertilizer
ASIAGOLD	Buffalo Inorganic Fertilizer

Remarks:

9 Corn Seed Varieties are scheduled for crop cut on September 11 – 13, 2024 at 115 Days After Planting (DAP) for late and early maturing corn for yield data analysis.



b. Season long Farmers' Field School (FFS)

Initiated project of PLGU collaboration with MLGU. A combination of lectures and hands-on training for farmerparticipants to enhance their capacity and farming practices and pursue the adoption of technology interventions.

IMPLEMENTATION OF FARMERS' FIELD SCHOOL (FFS) IN DERBY DEMO PROJECT AT BRGY. FERMELDY, **TUMAUINI, ISABELA (WET SEASON 2024)** August 2, 9, 16, and 30, 2024 (Week No. 7,8,9 and 10)

The Farmers' Field School (FFS) activity is attended by 50 farmer-participants, FFS-LGU Focal, and private companies.

Highlights of the FFS activity in the Derby project:

- **Preliminaries**
- OPA corn facilitators guided the processing of each group output relative to what they had observed in the field during the conduct of field AESA exercises indicating some factors (biotic and abiotic) affecting the normal growth of the corn plants.
- Presentation of each group output, group discussions, and learning exercises to improve farmers' knowledge and adoption of beneficial practices was made.
- Presentation/discussion of the Significance of Financial Literacy. Pre and Postharvest Operation for corn and Insect Resistance Management (IRM) for corn was conducted.
- Presentation of corn innovative technologies and product promotion by private companies was done as follows:
- Week No. 7: August 02, 2024

VIGOUR (corn seed company) ALJAY AGRO-INDUSTRTIAL SOLUTION (Bio-fertilizer company)

- Week No. 8: August 09, 2024 **CROP KING CHEMICALS**
- Week No. 9: August 16, 2024

ADVANTA (corn seed company) EVOGENE (corn seed company) **UPL Bio-fertilizer Companies**

- Week No. 10: August 30, 2024 **ASIA GOLD ENVIRO**
- Planning was done for weekly activities.





Technology Demonstration on High Innovative Technology (HIT) for corn production

The establishment of techno demo on High Technology Innovative (HIT) on corn production promotes double-row planting, use of jabber planter, Biological Control Agents (BCAs), and recommends fertilizer based on soil analysis, a development intervention to help farmers increase their production and income through cost reducing technology.

HIT TECHNO DEMO PROFILE/STATUS

NAME OF FARMER LOCATION **AREA VARIETY USED** DATE OF PLANTING CROP STAGE

Brgy. Captain Lily B. Martinez Bagong Sikat, Naguilian, Isabela 1.0 hectare NK-6410 VIP and NK-6130

June 20, 2024

72 DAP Vegetative Stage (Mid Whorl)

Remarks: The over all crop standing is progressing well, with some areas showing signs of pest activity. Agriculturist of MLGU Naguilian assigned in the Demo project titled "Yield Performance of Corn using Double Row Planting Technology" provided (LAMBDA-CYHALOTHRIN) insecticide as effective control strategies that kills young insect larvae and adult moths for better crop yields.





4. Collaborative Programs and **Projects**

a. Corn Production Enhancement Project (CPEP) under Corn Program of the Department of Agriculture Region 2

The Program covers yellow corn and is being implemented on the first cropping season of CY 2024 in priority corn production areas. Priority areas include new/idle areas. crop/varietal shifting, and with average grain yield lower than 4.20 metric tons per hectare for yellow corn.

The project aims to (1) increase the grain yield per hectare of yellow corn by 3% annually, (2) increase income of corn farmers and (3) increase the supply of yellow corn for feed.

CPEP ALLOCATION PER MUNICIPALITY IN THE PROVINCE OF ISABELA FOR WET CROP SEASON 2024

		ALLOCATION						
DISTRICT	MUNICIPALITY	SEEDS		FERTILIZER		BIO-N		
DISTRICT		AREA (HA)	BAGS	AREA (HA)	BAGS	AREA (HA)	PACKS	
	CABAGAN	908	1,816	848	848	242	1,452	
	CITY OF	2,575	5,150	2,450	2,450	700	4,200	
	DELFIN ALBANO	210	420	196	196	56	336	
- I	SAN PABLO	643	1,286	600	600	172	1,032	
	STA. MARIA	366	732	342	342	98	588	
	STO. TOMAS	454	908	424	424	121	726	
	TUMAUINI	1,738	3,476	1,669	1,669	477	2,862	
	BENITO	1,158	2,316	1,081	1,081	309	1,854	
	GAMU	223	446	208	208	59	354	
п	NAGUILIAN	662	1,324	618	618	177	1,062	
	PALANAN	25	50	24	24	8	48	
	REINA	445	890	415	415	119	714	
	SAN MARIANO	1,351	2,702	1,308	1,308	374	2,244	
	ALICIA	13	26	12	12	5	30	
	ANGADANAN	934	1,868	872	872	249	1,494	
Ш	CABATUAN	88	176	82	82	23	138	
	RAMON	41	82	38	38	11	66	
	SAN MATEO	101	202	94	94	27	162	
	SANTIAGO CITY	17	34	16	16	6	36	
	CORDON	459	918	429	429	122	732	
IV	DINAPIGUE	5	10	3	3			
	JONES	1,122	2,244	1,047	1,047	299	1,794	
	SAN AGUSTIN	521	1,042	487	487	139	834	
	AURORA	375	750	350	350	100	600	
	BURGOS	178	356	166	166	47	282	
	LUNA	107	214	100	100	29	174	
v	MALLIG	217	434	202	202	58	348	
· •	QUEZON	139	278	130	130	37	222	
	QUIRINO	444	888	414	414	118	708	
	ROXAS	333	666	311	311	89	534	
	SAN MANUEL	58	116	54	54	15	90	
	CAUAYAN CITY	1,739	3,478	1,670	1,670	477	2,862	
VI	ECHAGUE	1,550	3,100	1,494	1,494	427	2,562	
•	SAN GUILLERMO	806	1,612	752	752	215	1,290	
	SAN ISIDRO	32	64	29	29	8	48	
Total		20,287	40,574	18,935	18,935	5,413	32,478	

To municipalities with undelivered corn seeds, Remarks: deliveries are set before planting of Dry Crop Season 2024-2025.

b. Regional Research Dissemination Forum National Economic Development Authority (NEDA)

The Regional Research Dissemination Forum aims to disseminate the priority research agenda of the region in the next six years through the Cagayan Valley Research and Development Agenda 2023-2028. enable knowledge sharing on the findings and recommendations of selected completed researches and foster collaboration between and among research agencies and stakeholders

The Research Forum was spearheaded by the National Economic and Development Authority (NEDA) through its Regional Director, Dionisio C. Ledres, Jr. with the Regional Director of DOST, Dir. Virgini G. Bilgera, Chief EDS NEDA, Ms. Djonimar C. Dumlao, and was attended by other stakeholders and representatives from Research Institution like the Cagayan Valley Research Center of the City of Ilagan, Quirino Experiment Station of Quirino Province, and the Office of the Provincial Agriculturist - Isabela as one of the Discussants for the response of the research paper being presented.



c. Training of Trainers on **Participatory** Guarantee System (PGS)

The training aimed to Agricultural capacitate Extension Workers (AEWs) and Organic Agriculture practitioners of Region 2 on the establishment and **PGS** operations of groups according to the organic agriculture standards and technical regulations. Moreover, the participants will be able to: understand the salient provision includina the implementing rules and regulations of the Organic Agriculture Act as amended by the RA 11511 on PGSS, apply the applicable current **PNS** for Organic Agriculture, discuss the general requirements procedures and accreditation of PGS group, demonstrate the conduct of peer review certification and protocols, and prepare doable re-entry plan.

The training was participated by stakeholders with over (25) Organic Farmer - Practitioners of Nueva Vizcaya and Quezon, Isabela.

Agricultural Training Institute (ATI) together with Bureau of Agriculture and Fisheries Standards (BAFS) identified a set of preparatory activities for the implementation of the PGS. For the implementation and capability building of the Organic Implementers and Identified PGS Organizations, the ATI in collaboration with the DA-RFO 02 TOT on PGS was conducted.

The training on August 19-30, 2024 held at San Mateo, Isabela was composed of five (5) modules with the following topic and Resource Speakers:

- 1. Organic Agriculture Acts, its amendment, and the implementing Rules and Regulations (IRR), Mr.George A. Caday, Senior Agriculturist, DA-RFO2
- 2. Organic Agriculture Standards and National List of Permitted Substances for Organic Agriculture (Session 1-10), Mr. Celestino A. Dela Cruz, Agriculturist I, DA-
- 3. Establishment and Operation of Participatory Guarantee System (PGS), Engr. Johnson S. Lameg, Technical Staff ATI-RTC 02
- 4. Accreditation of Participatory Guarantee System (PGS) Group as Organic Certifying Bodies, Ms. Jennilyn V. Pablo, Technical Support Staff III, ATI-RTC 02
- 5. Peer Review and Certification Protocols, *Ms. Jemimah* C. De Guzman, Agriculturist I-DA-RFO 02





5. Report and Validation

Damaged crops corn caused by Drought, Heavy Rain showers and Strong Winds due to Thunderstorm in the province of Isabela.

Final Corn Damage Assessment Report caused by Drought as of August, 2024 in the province of Isabela

Total Corn Area Planted (ha.)	126,008.6
Affected Area (ha.)	1,025.00
Totally Damaged	0.00
Partially Damaged	1,025.00

Value Loss (Php)	12,690,704.38
No. of Affected Farmers	697
No. of Affected Municipalities/ Cities	4
Damage Versus Total Standing Crop (%)	.81%
GRAND TOTAL VALUE LOSS (Php)	12,690,704.38

Final Corn Damage Assessment Report caused by Heavy Rain Showers and Strong Winds due to Thunderstorm in the Municipality of San Agustin, Isabela

Value of Loses (Php)	5,440,252.82
Affected Area (ha.)	312
Affected Farmers	213









HIGH VALUE COMMERCIAL CROPS DEVELOPMENT PROGRAM					
PROGRAM/PROJECT/ ACTIVITY	DESCRIPTION	STATUS/REMARKS/ ACCOMPLISHMENT			
Operation and Maintenance of Provincial Nursery	PLGU initiated. Production of assorted vegetable seedlings for distribution to farmers.	which were distributed to 159 walk-in clients. 1,336 packs of assorted vegetable seeds were distributed to 52 walk-in clients.			
	Production of sexually propagated fruit trees.	Fruit tree seedling No. of pcs Cacao 200 Atis 20 Pomelo 20 Rambutan 20 Mango 5 Total 265			
		The productions of vermi compost and production of assorted vegetables for seedling production and seed purposes are continually being done.			

2. Monitoring of Planting

Data collection of updated standing crop per city/municipality every 15th and 30th of the month.

Conducted monitoring of planting reports within the whole province.

SUMMARY OF HVCCDP STANDING CROP as of August 2024

	CROP STAGE				
TYPE OF CROP	NEWLY PLANTED/ TRANSPLANTED (Ha)	VEGETATIVE (Ha)	REPRODUCTIVE (Ha.)	MATURITY/ HARVESTABLE (Ha.)	TOTAL STANDING CROP (Ha.)
Ampalaya	17.86	66.08	130.47	17.93	232.34
Eggplant	39.11	108.63	229.79	27.39	404.92
Tomato	27.57	37.56	83.22	12.71	161.06
Pole Sitao	19.51	79.01	142.96	28.68	270.16
Bush Sitao	14.58	16.17	33.95	0.30	65.00
Okra	21.48	44.09	136.16	14.79	216.52
Upo	12.76	56.58	109.63	4.23	183.20
Squash	12.97	67.34	137.22	15.13	232.66
Pepper	12.72	40.96	108.18	4.41	166.27
Winged Bean	0.25	0.20	1.75	0.00	2.20
Patola	7.27	12.30	46.13	2.29	67.99
Total CHAPSUEY	186.08	528.92	1,159.45	127.86	2,002.3
VEGETABLES					
Snap Beans	0.00	0.00	0.50	0.00	0.50
Chayote	0.00	0.00	0.00	0.00	0.00
Cabbage	0.00	0.00	0.00	0.00	0.00
Cauliflower	0.00	0.00	0.00	0.00	0.00
Bell Pepper	0.00	0.00	10.00	0.00	10.00
Brocolli	0.00	0.00	0.00	0.00	0.00
Carrots	0.00	0.00	0.00	0.00	0.00
Cucumber	0.50	1.11	4.57	0.00	6.18
Total	0.50	1.11	15.07	0.00	16.68
LEAFY VEGETABLES					
Lettuce	0.00	0.00	0.00	0.00	0.00
Pechay	1.63	2.76	7.95	0.20	12.54
Kangkong	0.00	0.00	0.00	0.00	0.00
Mustard	0.00	0.03	0.00	0.00	0.03
Total	1.63	2.79	7.95	0.20	12.57
SPICES					
Onion	0.50	1.25	1.50	0.00	3.25
Ginger	1.83	7.86	0.67	7.67	18.03
Garlic	0.00	1.00	0.00	0.00	1.00
Total	2.33	10.11	2.17	7.67	22.28
LEGUMES	0.00	0.00	40.00	4.00	44.00
Mungbean	0.00	0.00	10.00	1.00	11.00
Peanut	1.00	0.00	14.50	22.20	37.70
Total	1.00	0.00	24.50	23.20	48.70
ROOTCROPS	0.00	0.00	4.00	0.05	0.50
Gabi	2.20	0.90	1.20	2.25	6.55
Yam	0.00	0.00	0.00	0.00	0.00
Kamote	50.24	41.63	51.85	0.00	143.72
Potato	0.00	0.00	0.00	0.00	0.00
Taro	4.08	7.31	5.73	0.68	17.80
Total	56.52	49.84 BEARING	58.78 TOTAL	2.93	168.07
TYPE OF CROP	NON-BEARING (ha)	(ha)	AREA (ha)		
Banana	1,541.07	5,373.71	6914.78		
Mango	839.26	1,505.51	2344.77		
Pineapple	170.24	711.03	881.27		
Dragon Fruit	0.00	0.27	0.27		
Citrus	88.41	550.43	638.84		
Watermelon	6.00	26.50	32.5		
Rambutan	0.45	6.50	6.95		
Guyabano	0.00	23.15	23.15		
TOTAL	2,645.43	8,197.10	10842.53		
PLANTATION			0		
Abaca	0.00	0.00	0		
Cacao	28.01	48.81	76.82		
Coffee	4.62	34.95	39.57		
TOTAL	32.63	34.95	67.58		

3. Attendance and participation to meetings/ trainings/ symposia

a. 33rd North Luzon

Conference

Area Business

Spearheaded by National and Local agencies with programs and projects in agriculture sector.

The 33rd North Luzon Area Business Conference (33rd NLABC) with the theme "Empowering North Luzon for Sustainable Future" held at Isabela Convention Center (ICON), Cauayan City, Isabela on August 8 to 9, 2024. The 33rd NLABC was hosted by the Philippine Chamber of Commerce and Industry (PCCI) - Southern Isabela and was cohosted by PCCI Isabela and PCCI - City of Ilagan, in partnership with the Province of Isabela and the City of Cauayan.

The conference was the most important event of the PCCI in North Luzon as it will serve as a meaningful gathering of key national and local government officials, prominent business leaders and officers and members of local chambers from Regions I, II, III and Cordillera Administrative region (CAR), Industry Associations, Academe and stakeholders. The conference will also provide a platform for collaboration, knowledge sharing and exploration of opportunities to steer sustainable economic growth in the region.





b. Training on Vegetable Production and Seed Processing

Attended and participated the Training on Vegetable Production and Seed Processing conducted by Agriculture Training Institute Regional Training Center (ATI-RTC 02) at Malasin, San Mateo, Isabela on August 19-21, 2024. The training aimed to enhance participants' knowledge and skills, and attitude on the vegetable production and seed processing.

The training was mainly composed of series of lectures and seed processing visit at BPI:

- Introduction on Vegetable Seed Production and Processing
- Cultural Management Relative to the Vegetable Seed Production and Post-harvest operation
- Seed Selection
- Seed Storage Technology
- Integrated Pest Management for Lowland vegetables
- Crafting of Action Plan





- 4. Regular programs and projects under the **HVCC Development Program**
- a. Institutional Development for HVCC Farmers' Cooperatives and Association

b. Good Agricultural **Practices** Training on Fruit Trees and Vegetables

Facilitated the Re-organization Meeting of Mango Growers of San Mateo, Isabela on August 7, 2024. This initiative aimed to reorganize and reactivate mango growers/stakeholders in the Municipality of San Mateo.

With the assistance of the Department of Labor and Employment (DOLE), the group intended to establish an association for future interventions and sustain the province's mango industry. The activity was attended by 30 mango growers/stakeholders with the assistance of the LGU staff of San Mateo and SB on Agriculture, Hon. Jonabel T. Collado. The group is recognized as San Mateo Mango Growers Association or SaMaManGA.



Conducted Good Agricultural Practices (GAP) Training on Fruit Trees and Vegetables on August 20-21, 2024 at Barangay Macatal, Aurora and August 29-30, 2024 at Naganacan, Sta. Maria, Isabela.

Each training was participated by 25 vegetable and fruit tree farmers through the collective efforts of concerned Local Government Units (LGUs) and the Office of the Provincial Agriculturist (OPA).

The training aimed to enhance the knowledge of participants on the basic principles of GAP and the readiness of each farm for PhilGAP certification. Some of the specific objectives are (1) enhancing food safety, (2) improving quality of harvests, (3) sustainable farming, (4) worker health & safety, (5) compliance with the code of GAP, (6) traceability & record keeping of the farm, (7) market linkages and (8) application for certification on PhilGAP.





	FISHERIES DEVELOPMENT PROGRAM AND SERVICES					
PROC	GRAM/PROJECT/ ACTIVITY	DESCRIPTION	STATUS/REMARKS/ ACCOMPLISHMENT			
1.	Volume of Provincial Fish Production					
a.	Production	Consolidation of fish	SUMMA	RY (MT)		
	Support	production report from	Fishpond	51.048		
	Services	various fishery resources	Fishcage	0.400		
		(freshwater and marine).	SWIP	33.962		
			CBWs	95.433		
	Fisheries	Operation and	Marine	-		
	production and dispersal at San	management of existing fishery facilities to	TOTAL PRODUCTION	180.843		
	Pablo Freshwater Fish Farm, San Pablo, Isabela	support the province's requirements for fish stocks.		of female breeders and 2,000 additional set of breeders is		
	(SPFFF)		Conducted routinary farm activit	ies such as:		
			 Draining of brood ponds Conditioning of breeders Collection and condition Water refiling of tanks a Inventory and selection Cleaning of drainage ca 	s ing of fingerlings nd ponds of breeders		
			The activities were done with the	e assistance of the SPFFF staff.		
			Fingerling	Dispersal		
			Municipalities served Fingerling dispersed Water Area	6 (Cabagan, Sta. Maria, Sto. Tomas, San Pablo, Tumauini, City of Ilagan) 151,000 pcs 134,950 sq.m		
			Fisherfolk Served	11		
			Communal Bodies of Water	3 (Kapayakan Lake,		
			(CBW)	Balasig, and Awitan)		









- 2. Regular Trainings, Programs, and Projects under the Fisheries Development Program
- a. Technology Demonstration **Project: Conduct** of weekly activities of Pond Based Semi-Intensive Polyculture Technology Demonstration Project cum Fisherfolk Field School (FFS) at Brgy. Arcon, Tumauini, Isabela.

The project aims to showcase the technology of polyculture and semiintensive culture different aquaculture species in ponds to attain an increase in production and source of livelihood and income for fisherfolks. The establishment of technology demonstration farm will serve as observation and learning sites for fisherfolk participants and cooperators within the community.

The following topics were discussed during the weekly activities:

- 1. Tilapia Hatchery is a place for artificial breeding of tilapia - hatching, rearing and nursery from various stages of development: eggs (hatchlings), pre- swim-up fry, swimup fry, post fry to fingerlings.
 - ✓ Broodstock Selection and Management
 - ✓ Sex identification of tilapia
 - ✓ Fish Marking–an efficient method of identifying or distinguishing group or individual fish
 - ✓ Pairing of Breeders
 - ✓ Types of Tilapia Hatchery Systems
 - ✓ Pond Preparation (pond drying, pond liming, application of fertilizer)
 - ✓ Nesting, courtship, mating, and spawning
 - ✓ Nursing hatchlings
 - ✓ Fry Collection (nursing and rearing)
 - ✓ Conditioning of fingerlings prior to transportation
- 2. Feed Formulation provision of commercially prepared feeds entails higher cost of production and accounts for about 60-70% of production cost. Plant materials available in the country like malunggay, kangkong, papaya, kamote, duckweeds and azolla can be potential ingredients for feed production alleviating the problem of high feed cost. The primary objective of feed formulation is to satisfy the dietary nutrient requirements of the animal at the least possible cost.
- 3. Fish Health Management
 - ✓ Fish health management is a critical component to disease control and is invaluable to improved harvests and sustainable production. Efficient management tools such as disease surveillance and farm

- biosecurity protocols are very valuable instruments to maintain the health of the fish.
- ✓ Water quality and fish health management are very important in Tilapia production because the success of the operation depends on healthy fish and proper water quality management.
- ✓ Poor water quality reduces growth and affects the health and reproduction of the fish. Fish diseases usually occur after exposure to stress conditions with sub-optimum water quality parameters.
- ✓ A good understanding of how disease develops in the hatchery and how water parameters interact with each other is necessary to maintain a balanced system.
- ✓ Prevention of fish disease is accomplished through good water quality management, nutrition and sanitation.
- 4. Conducted stock sampling to adjust feeding rate and to ensure that fish receive the right amount of nutrients for optimal growth and health.





b. On-Station Technology Demonstration Project on the Polyculture and Freshwater Prawn (Ulang) in Earthen Pond at San Pablo Freshwater Fish Farm. San Pablo, Isabela

The project aims to showcase the technology of polyculture and semiintensive culture different aquaculture species (tilapia and ulang) in ponds for adoption by fisherfolk clients.

Stocked 2,000 pieces of *Ulang Post Larvae (PL)* at SPFFF for the On-Station Technology Demonstration Project on the Polyculture of Tilapia and Freshwater Prawn (Ulang) in Earthen Pond.





c. Hands-on Training on Fisheries Post Harvest and Value Adding Technologies for Fisherfolk and Stakeholders at Gamu Agri-Fishery School

The training aims to strengthen knowledge and skills on the production of valueadded products and to improve the quality and shelf-life of fish products through advanced processing techniques

The hands-on training on fish processing and value adding was a successful initiative that equipped fisherfolks and other stakeholders with essential skills and knowledge.

The training fostered an understanding on the importance of quality control and market-oriented production, paving the way for improved income and sustainability in the fishery sector.

The training was conducted at Gamu Agri-Fishery School (GAFS), Brgy. Linglingay, Gamu, Isabela and at Brgy. Victoria,

(GAFS) Brgy. Linglingay, Gamu and Brgy. Victoria, San Mateo, Isabela and introduce valueadding practices that can increase the income of fisherfolks. San Mateo, Isabela covering various techniques and methods to improve fish processing and introduce value-adding practices.

It was participated by twenty-five (25) faculty and students of GAFS and twenty-five (25) fisherfolk of San Mateo.











d. Distribution of Fishing Gears

This initiative of the Provincial Government of Isabela aims to provide livelihood to the local fisherfolks, empower the local community and support sustainable fishing practices. This initiative also encourages responsible fishing which crucial for the preservation of marine resources of the municipality.

Fifty (50) pieces of cast nets were distributed to fisherfolk of Dinapigue, Isabela with Municipal Mayor Vicente D. Mendoza, with the assistance of the Municipal Fishery Coordinator, Ms. Myra Duldulao and Staff of BFAR PFO-Isabela, Mr. Angelito Misador.





3. Collaborative **Technology** Demonstration **Project**

a. Collaborative Techno-Demo cum FFS. a project between LGU San Mateo, BFAR PFO Isabela and PGI-OPA at Brgy. Victoria. San Mateo, Isabela

The bi-weekly activities of the collaborative project were facilitated by the technical staff with together collaborative agencies.

Discussed Republic Act No. 10654, an act to prevent, deter and eliminate illegal, unreported and unregulated fishing, amending Republic Act no. 8550, otherwise known as "The Philippine Fisheries Code of 1998".

This aimed to raise awareness, discuss enforcement mechanisms, and engage fisherfolks in discussions on how to effectively implement the law. This is to increase community awareness and involvement in reporting and preventing illegal, unreported and unregulated (IUU) fishing.





4. Support to other Agri-**Fishery** Programs and **Projects**

a. Training on Oil Spill Awareness and Response Course at Brgy. Digumased, Dinapigue, Isabela

In an effort to promote sustainability and protection marine biodiversity from potentially catastrophic effects of oil spills in Philippine waters along the coast of major fishing grounds in the Cagayan Valley region, the Department of **Environment and Natural**

The importance of Marine Protected Areas for biodiversity conservation and sustainable management of marine resources, while addressing the significant risk that oil spills pose to these ecosystems was highlighted.

The Provincial Government of Isabela as mandated, to introduce comprehensive management and conservation of aquatic resources recognized that the preparedness training is essential for protecting marine biodiversity from the potentially catastrophic effects of oil spills, ensuring a rapid, effective, and coordinated response that minimizes ecological damage.

Resources and the Philippine Coast Guard spearheaded the conduct of a three-day training session on Oil Spill Awareness and Emergency Response Course at Derije's Farm, Barangay Digumased. Dinapigue, Isabela

Participants of the said training came from the different agencies such as DILG, PGI (PDRRMO, ENRO, OPA, ICDO), MAOs, MENROs and MDRRMOs of the Coastal Municipalities (Divilacan, Maconacon, Palanan and Dinapigue) of the province and selected employees of the Dinapigue Mining Corporation (DMC).



b. 2nd Regular
Meeting of
Magat
Integrated
Fisheries and
Aquatic
Resources
Management
Council
(IFARMC)

The meeting was presided by the IFARMC Chairman, Mr. Mel Valentin. Present during the meeting were members and officers of IFARMC, staff from the different government agencies such as BFAR R02, BFAR CAR, BFAR PFO Isabela, BFAR PFO Nueva Vizcaya, NIA-MARIIS, PLGU-Isabela (OPA), PLGU-Nueva

Attended the 2nd Regular Meeting of Magat Integrated Fisheries and Aquatic Resources Management Council (IFARMC) at NIA-MARIIS, Ramon, Isabela.

The following agenda were discussed during the meeting:

- Disaster Preparedness for Fisherfolk presented by Ms. Lolina V. Garcia, LDRRMO II LGU Alfonso Lista
- Payments and permits of Fish Cage NIA encouraged them to pay to avoid penalties
- Boat Registration and color coding
 - o Cordon Red
 - o Ramon Green
 - Aguinaldo Pink

Vizcaya (OPA), LGU-LGU-Alfonso Lista, Ramon LGUand Cordon.

- Alfonso Lista Red
- Nueva Vizcaya Orange
- IFARM Activities for the upcoming Fish Conservation Month – tree planting and clean-up drive





c. Research and Development and Extension (RDE) Agenda Workshop at ISU Echaque, Isabela on August 16, 2024 The participants of the Research, Development and Extension (RDE) Agenda Workshop from government various agencies were convened to formulate the RDE Agenda for Agriculture and Fisheries for 2025-2030.

In aquaculture and captured fisheries, the challenge that emerged from the information exchange of the technical working group concentrated on limited source of fingerlings, inadequate clean water supply, occurrence of fish kill, high cost of inputs, low farm-gate price, lack of market linkages, logistics support and access and low adoption of new technologies of fish farming.

Hence, they proposed the following RDE agenda: the establishment/upgrading of hatcheries, provision of solar power water system, water quality monitoring, proper rearing management, feed formulation from locally available products, establishment of feed mill, formulation/strengthening of cooperatives and KADIWA program, policy recommendations on price regulation, provision of reefer van, needs-based capacity building programs, creation of fishery technical staff, establishment of postharvest facility, as well as policy implementation on the regulations of fishing establishment of inland and marine protected areas and fish shelter and ports and fuel subsidy to alleviate the problems encountered in the fisheries sector.



d. Distribution of Monthly Rice Subsidy to Fisherfolk of the Province Extended assistance in the distribution of monthly rice assistance to fisherfolk engaged in fish capture and are beneficiaries of the special program of the Provincial Government of Isabela.

MUNICIPALITY	Total no. of Recipient (Fisherfolk)			
Ramon	65			
San Mateo	38			
Cabatuan	116			
Alicia	46			
Angadanan	105			
Aurora	408			
San Manuel	40			
Roxas	182			
San Pablo	69			
Cabagan	202			
Santa Maria	57			
Delfin Albano	110			
Santo Tomas	100			
Tumauini	190			
City of Ilagan	758			
San Mariano	95			
Benito Soliven	20			
Reina Mercedes	57			
Gamu	72			
San Agustin	58			
Jones	116			
Quezon	44			
Mallig	14			
Luna	187			
Quirino	235			
Cauayan City	403			
San Guillermo	490			
San Isidro	258			
Echague	270			
Cordon	57			
Burgos	170			
TOTAL	5,032			







e. Philippine Tilapia Industry Road Map Virtual Meeting

Development of globally competitive, ecosensitive and climate resilient Tilapia Industry that is private sector-led, client driven, supplyreliable following an innovative value chain that is based on sustainable standards.

Different agencies and stakeholders participated the virtual meeting of the Philippine Tilapia Industry Road Map to plan for the future of the tilapia industry of the country.



INSTITUTIONAL DEVELOPMENT					
PROGRAM/PROJECT/ ACTIVITY	DESCRIPTION	STATUS/REMARKS/ ACCOMPLISHMENT			
1. Rural Improvement Club (RIC)		No.	Municipality	No. of Clubs	No. of Members
a. RIC Masterlist	Masterlist of Rural Improvement Club (RIC) for CY 2024 from the different municipalities of the province of Isabela to	1 2 3 5 6 7 8 9 10 11 12 13 14 15 16 17 18	ALICIA CAUAYAN CITY ANGADANAN SAN MARIANO CORDON DELFIN ALBANO GAMU JONES QUEZON RAMON SAN MANUEL AURORA NAGUILIAN SAN GUILLERMO BENITO SOLIVEN REINA MERCEDES CABATUAN MALLIG	32 13 60 5 27 22 1 38 13 7 19 14 11 19 5 5 22 19	3,435 1,035 4,059 119 4,097 1,037 68 4,909 528 372 3,084 913 1,061 113 159 254 3,667 822
b. RIC Quarterly Meeting	To strengthen and empower Rural Women sector in the formation of RIC and actively involve in Farm and Home Resource Management Service.			owing: S Plan and Incu	ubation





c. Monitoring of the Citronella Processing Project of RIC Marasat Pequeño

The project's ongoing success has made it a model for rural development, demonstrating the impact innovative and sustainable practices in improving local livelihoods.

The citronella processing project of RIC Marasat Pequeño made their club as the awardee of the Outstanding Rural Improvement Club.

The project involves the sustainable extraction of citronella essential oils to create eco-friendly products like candles and insect repellants. This initiative has significantly contributed to the community by providing opportunities, particularly for women, and promoting environmental sustainability.





2. Young Farmer Organization (4H Club)

a. 4H Club Masterlist Masterlist of 4H-Club for 2024 from the different municipalities of the province of Isabela.

No.	Municipality	No. of Clubs	No. of Members
1	ANGADANAN	14	495
2	AURORA	24	47
3	CABATUAN	14	53
4	CAUAYAN CITY	2	159
5	DELFIN ALBANO	11	71
6	JONES	8	109
7	NAGUILIAN	2	64
8	QUIRINO	7	218
9	RAMON	7	53
10	SAN GUILLERMO	2	119
11	SAN MANUEL	4	57
12	SAN MATEO	14	1,101
13	STA. MARIA	3	98
14	SANTIAGO CITY	34	1,181
	TOTAL	146	3,825

b. Registration of the RSBSA and Individual Youth Profiling

aims ensure to comprehensive registration and profiling better support, particularly the younger generation who ventures in agriculture.

Extended assistance on the massive registration of the RSBSA individual profiling of the youth who are venturing into agriculture at Burgos, Isabela.



- 3. Provincial Agricultural and Fishery Council (PAFC)
- a. PAFC Regular Meeting

Successfully conducted the Provincial Agricultural and Fishery Council (PAFC) regular meeting on August 8, 2024 held at OPA Conference Hall.

Agenda discuss were the following:

- 1. Presentation of Findings and Observation of the AFC Participatory Monitoring and Tracking Activity for FY 2024
- 2. MAFC Sectoral Issues and Concern
- 3. PCAF/RAFC Updates on Programs and Activities





b. National
Sectoral
Committee on
Corn and Feed
Crops (NSC on
CFC) and
Isabela
Provincial
Agricultural and
Fishery (PAFC)
Encounter
meeting

To work closely with the AFCs in addressing key issues and developing effective policy resolutions.

Attended the first NSC and AFC Encounter Meeting on August 28, 2024. Six members of the NSC on CFC, including Interim Chairperson, Romualdo Elvira, Jr. participated onsite, along with 23 municipal AFC chairpersons and Representatives led by PAFC Isabela PAFC Chairperson, Alfredo Paguila and Cagayan Regional AFC Chairperson, Mr. Dante Tobias, Department of Agriculture-Regional Field Office II Executive Director, Dir. Rose Mary Aquino, and National Corn Program Senior Technical Advisor, Dr. Candido Damo.

The meeting focused on regional NCP interventions for corn, cassava, soybean, and sorghum producers, updates on NSC ON CFC policy resolutions, and current industry challenges.



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