

### OFFICE OF THE PROVINCIAL AGRICULTURIST

JANUARY
MONTH
2024
YEAR

## **Accomplishment Report**

	RICE DEVELOPMENT PROGRAM AND SERVICES									
PROGRAM/PROJECT ACTIVITIES	BRIEF DESCRIPTION	STATUS/REMARKS/ACCOMPLISHMENT								
Seed Assistance     Program										
a. Seed Production	individual accredited	of while 10 hectares for Foundation Seeds. Varieties redited seed production for Dry Season were as follows:								
	seed growers to provide certified		Province	Variety	Seed Class Plan	nted (ha)				
	seeds for buffer seed and stocking.				F	R				
	and stocking.		NSIC Rc 160		1.50					
				NSIC Rc 216		33.10				
				218 NSI	NSIC Rc 218		6.10			
						NSIC Rc 222	6.50	1,060.87		
				NSIC Rc 402	0.00	17.00				
				Isabela	NSIC Rc 436		94.27			
				NSIC Rc 480	1.00	51.14				
				NSIC Rc 508		217.76				
				NSIC Rc 512	1.50	209.78				
				NSIC Rc	1.50					
				NSIC Rc		1.00				
				534	1.00	4 70				
				PSB Rc 18 PSB Rc 82		4.70 6.45				
			Total	r od ru oz	10.00	1,703.67				

### 2. Technology Demonstration

a.1. Provincial Rice Technology Forum (PRTF) PLGU Funded. Initiated project of PLGU in collaboration with DA-RFO, MLGU and Private Seed Companies.

A technology showcase in cluster farms of the different hybrid rice varieties and technologies. The team held two meetings with the participating seed and fertilizer companies, MLGU and farmer-cooperators. Also, the team conducted regular monitoring of the crop status of the techno demo. For the month of January, the crops were under maximum tillering to panicle Initiation (45-51 DAT).



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a.2. Technology Demonstration on Rice Production through Farm Mechanization

a.3. Season-Long Farmers' Field School

PI GU Funded. Initiated project of PLGU in collaboration with MLGU. Α of combination lectures and handson training for farmerparticipants to enhance their capacity and farming practices.

The crafting of the project proposal for the target Techno Demo with Farmers' Field School (FFS) this CY 2024 has started.

3. Post-Harvest

PLGU Funded. Initiated project of PLGU in collaboration with MLGU. Technical briefing on Post-Harvest Technologies on Rice Production The Rice division together with the Agricultural and Bio-system Engineering (ABE) group conducted Technical Briefing on Post-Harvest Technologies held at Isabela Rice Processing Center (IRPC), Brgy, Ipil, Echague, Isabela.

This program aimed to enhance the knowledge and skills of the farmers in handling their produce, maintaining, and sustaining its quality. The activities were composed of lectures, familiarization of parts and functions and actual operation of post-harvest facilities (Rice Mill and Mechanical Dryer).

Twenty farmers from the barangays of Garit, San Manuel, and Libertad of the municipality of Echague participated the said activity.



4. Monitoring of Palay Price

Data collection of prevailing price per kilo of palay from different commercial centers.

5. Monitoring of Rice Planting & Harvesting

Data collection on the status of rice planting and harvesting

Average Price Per Kilogram of Palay (January 2024)

| Dry | Php28.56 |
|-----|----------|
| Wet | Php23.17 |

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### Planting Report for the Month of January 2024

Ecosystem	Area Planted (ha)
Irrigated	31,868.63
Rainfed	2,404.68
Total	34,273.31

### Harvesting Report for the Month of January 2024

Ecosystem	Area Harvested (ha)	Production (Mt)	Average Yield (Mt/ha)
Irrigated	3,083.45	15,646.62	5.07
Rainfed	50.00	200.00	4.00
TOTAL	3,133.45	15,846.62	5.06

#### Standing Crop by Stage as of January 31, 2024

Stages	Area (ha)					
Stages	Irrigated	Rainfed	Total			
Maturity	25,900.79	995.04	26,895.83			
Reproductive	59,402.46	5,082.21	64,484.67			
Vegetative	50,218.11	9,242.37	59,460.48			
Seedling/NP	4,474.90	63.00	4,537.90			
Total	139,996.26	15,382.62	155,378.88			

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## INTERVENING ACTIVITIES

1. Attendance and participation to Meetings/ Symposium

To keep abreast of the programs/projects

Attended the Municipal/City Agriculturists Meeting at Barangay, Baluarte, Santiago City, Isabela. The regular meeting for the month of January highlighted the Plans and Programs of the Department of Agriculture (DA) for FY 2024, Livestock Updates, Gender and Development (GAD) Programs, and New Technology Innovation (Agri-machineries and Crop Production) Updates.





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2. Program/Project Coordination and Validation For smooth implementation of program/project

Continuous coordination with the Department of Agriculture (DA) for the updates of the different programs.

CORN DEVELOPMENT PROGRAM AND SERVICES																
PROGRAM/PROJECT/ ACTIVITY	PROJECT DESCRIPTION	S	TATU	S/REMAF	RKS/A	CCOMPLIS	SHM	ENT								
1. Monitoring and Consolidation of Corn Planting and Cassava Planting/Harvesting Reports																
a. Corn Crop	Data collection on the status of corn harvesting and	Terminal C	orn P	_	•	Dry Cropp ary 2024)	ing	Season 2023-								
	cassava	By Corn Type														
	planting/harvesting	Corn Type		<mark>'ellow (ha</mark>		White (h		Total								
	from LGUs.			122,304.0	4	459.75	5	122,763.79								
				By Fc	ologic	al Zone										
			Y	ellow (ha		White (h	a.)	Total								
		River Flood         37,989.80           Broad Plain         33,219.30		310.60		38,300.40										
				1,38.8		33,358.15										
		Hilly 51,094.94		10.30		51,105.24										
		TOTAL		122,304.0	4	459.75	5	122,763.79								
		Dry Cro		-		-2024 Harv 2024)	estir	ng Report								
		Corn Type	Harv (I	vested na.)		duction (Mt)		Yield (t/ha)								
		Yellow	2,0	22.00	10	,652.85		5.26								
										White	0.0	0.00	40	0.00		0.00
		TOTAL	2,0	22.00	10	,652.85		5.26								
		Sta				on 2023-20 s of Januar		, 2024								
		Stages	,			rea Plante	d (ha	,								
		Otages		Yellov		White		Total								
		Harvested		2,022	2.00	0.00		2,022.00								
		Harvestabl	<u>e</u>	7,440	.89	1.10		7,441.99								
		Maturity		95,555	.19	447.65		96,002.84								
		Reproduct	ive	15,520		11.00		15,531.23								
		Vegetative		1,765		0.00		1,765.73								
		Total		122,304		459.75		122,763.79								

b. Cassava Crop Data collection on the status of cassava planting and harvesting reports from LGUs.

#### Cassava Terminal Harvest Report (CY 2022 Planting)

	Area Harvested	Production (MT)	Average Yield
Commercial	<b>5,534.84</b> has	63,679.477	11.5052
Food	<b>1,512.76</b> has	19,258.518	12.7307
Total	<b>7,047.6</b> has	82,937.995	11.7683

## Cassava Stages of Crops as of January 31, 2024 (CY 2023 Planting)

	Cass	ava (ha)	
Stages	Food	Industrial	Total
Maturity	805.25	47.00	852.25
Reproductive	1,462.00	0.00	1,462.00
Vegetative	617.89	0.00	617.89
Seedling	0.00	0.00	0.00
Total	2,885.14	47.00	2,932.14

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2. Monitoring of Price of Corn

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

Average prevailing price of corn monitored from different trading centers for the month of January, 2024.

| CORN                         |          |   |   |  |  |  |
|------------------------------|----------|---|---|--|--|--|
| Yellow White Flint Glutinous |          |   |   |  |  |  |
| Dry                          | Php19.13 | * | * |  |  |  |
| Fresh                        | Php13.67 |   |   |  |  |  |

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3. Sustainable
Corn Production
in Sloping Areas
(SCOPSA) cum
Farmers Field
School (FFS)
Season 2, Dry
Cropping
Season 20232024

Technology
Demonstration for the control of soil erosion in hilly/sloping areas cultivated to corn with the Seasonlong onsite Farmers' Field School (FFS) involving 30 farmer-participants.

SCoPSA **DEMO SITE 1** BRGY. DALLAO, CORDON, ISABELA DRY CROP SEASON 2023-2024

### SCoPSA cum FFS PROJECT PROFILE/STATUS

DISTRICT : District IV

LOCATION : Brgy. Dallao, Cordon, Isabela COOPERATOR : Jeanraytopher D. Lanila

AREA : 2.0 hectares

ECO ZONE : Hilly

DATE OF CROP: November 17, 2023

**ESTABLISHMENT** 

STAGE OF CROP : 75 Days After Planting (Maturity Stage)

VARIETY: NK-8840

#### **HEDGEROWS CROPS**

-Pineapple (planted – July, 2023) – Vegetative Stage -Banana (planted – August, 2023) – Vegetative Stage





SCoPSA **DEMO SITE 2** BRGY. SAN CARLOS, ECHAGUE, ISABELA DRY CROP SEASON 2023-2024

#### SCoPSA cum FFS PROJECT PROFILE/STATUS

DISTRICT : District VI

LOCATION : Brgy. San Carlos, Echague, Isabela

COOPERATORS : Victoria B. Saclayan

Rigor Quindara

AREA : 2.0 hectares

ECO ZONE : Hilly

DATE OF CROP : December 4, 2023

**ESTABLISHMENT** 

VARIETY: NK-8840

STAGE OF CROP : 57 Days After Planting ( Reproductive

Stage)

#### **HEDGEROWS CROPS:**

-Pineapple (planted July, 2023) - Vegetative Stage

-Banana Suckers (affected plants by bacterial disease were pulled out and were subjected for replacement; charged to the farmercooperators)





SCoPSA **DEMO SITE 3** BRGY. MASIPI EAST, CABAGAN, ISABELA DRY CROP SEASON 2023-2024

#### **SCoPSA cum FFS PROJECT PROFILE/STATUS**

DISTRICT : District I

LOCATION : Brgy. Masipi East, Cabagan, Isabela

COOPERATORS : 1. Rolando B. Gonzales

Florentino Pascua
 Cornelio C. Ossao

AREA : 2.0 hectares

ECO ZONE : Hilly

DATE OF CROP : November 20, 2023

**ESTABLISHMENT** 

VARIETY: NK-8840

STAGE OF CROP : 72 Days After Planting (Maturity Stage)

#### **HEDGEROWS CROPS:**

-Pineapple (planted August, 2023) – Vegetative Stage -Banana (planted September, 2023) – Vegetative Stage





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4. 16.50- Hectare Isabela Provincial Corn and Bio-fertilizer Derby (IPCBD) Techno Demo cum Farmers' Field School (FFS) Dry Cropping Season 2023-2024

The Isabela Provincial Corn and Bio-fertilizer Derby (IPCBD) Techno Demo project is located at Brgy. Baculud, City llagan, Isabela. It is a PGI initiative project through OPA Corn Program that will showcase the seed company's high yielding varieties with production their protocols, adoption of Balanced Fertilization Strategy (BFS) and Bio-fertilizer

Technology Protocols of using fertilizer materials to sustain nutritional requirement of crops and maintain soil health for long-term productivity.

The IPCBD project also included the learning of 45 farmer participants to attend

## CORN and BIOFERTILIZER DERBY cum FFS PROJECT PROFILE/STATUS

DISTRTICT : District I

LOCATION : Baculud, City of Ilagan, Isabela

COOPERATORS : 18 farmers AREA : 16.50 hectares

ECOLOGICAL ZONE : RIVER FLOOD PLAIN (UPPER

VEGA)

DATE OF CROP : December 08, 10, and 11, 2023

ESTABLISHMENT

VARIETY 8 participating Corn Hybrid Seed Companies

- 1. ADVANTA PAC 339 VT2 Pro
- 2. ASIAN HYBRID J505
- 3. BAYER- DK- 8282S VT Double PRO
- 4. BIOSEED- HEALER H102G
- 5. CORNWORLD -CW- 1777
- 6. CORTEVA P3585 YHR
- 7. SYNGENTA NK- 6130
- 8. VIGOUR MAIZE D30

15 participating Bio Fertilizer Companies

- 9. ENVIRO- NEB Plus
- 10. ADAMCO -Adaboost
- 11. UNICORN- Nito FINN
- 12. RICH PAUL- Activator
- 13. CROP KING Consort
- 14. CORTEVA Blue N
- 15. ALJAY- 0. Valley
- 16. ALDIZ- Avatar
- 17. SMART HARVEST Nutriboost

the Season-long onsite Farmers' Field School (FFS) in the site this Dry Crop Season 2023-2024.

- 18. STOLLER Maisagana
- 19. ENVIREAU PACIFIC -Vigor Raja
- 20. BIOPRIME-Bioprime
- 21. ASIA GOLD- Nutriboost, N & Zinc
- 22. AGRISPECIALIST BIO-N
- 23. PONYA- Agri Lime





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a. Farmers' Field School (FFS) FFS is a non-formal education of 30 group of farmers and facilitators, to observe, discuss, and learn using Corn & Bio-fertilizer Derby Demo as the learning area to improve farmers best crop management practices.

## FARMERS' FIELD SCHOOL (FFS) SEASON 2 IMPLEMENTATION @ IPCBD DEMO PROJECT SITE @ BRGY. BACULOD, CITY OF ILAGAN, ISABELA

VENUE: Covered Court, Brgy. Baculod, City of Ilagan, Isabela

- 24. Conducted the 3<sup>rd</sup>, 4<sup>th</sup> and 5ft FFS activity
- 25. Highlights of each FFS activity
- 26. Preliminaries.
- 27. Actual demonstration of data gathering through conducting the Agro-Ecosystem Analysis (AESA) in the Derby Field Site for data processing, presentation and discussion at the Session Hall.
- 28. Corn-related topics presentation by Resource Speakers during each FFS meeting:
- 29. 3rd FFS Meeting

Mr. Danilo Camit of Asian Hybrid Mr. Alejandro Guillen of Adamco

Company

30. 4th FFS Meeting

Mr. Lito Coloma of PONYA Minerals Mr. Eric Dalit of Bioseed Company

31. 5th FFS Meeting

Mr. Juan Ramos

Mr. Gilbert Farinas of ENVIREAU

PACIFIC
Ms. Jenifer Gonzales
Ms. Marly Sanchez of Cornworld
Company

- 32. Open Forum in relation to the topics discussed was made.
- 33. Planning for next FFS activity was done.





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5. Corn Production Enhancement Project (CPEP) under Corn Program of the Department of Agriculture Region 2 The Program covers yellow corn and being implemented on the first cropping season of CY 2024 in priority production corn areas. Priority areas include new/idle crop/varietal areas, shifting and with average grain yield lower than 4.20 metric tons per hectare for yellow corn.

This project aims:

- 1. To increase the grain yield per hectare of yellow corn by 3% annually;
- 2. To increase income of corn farmers; and
- 3. To increase the supply of

## CPEP ALLOCATION BY MUNICIPALITIES IN THE PROVINCE OF ISABELA FOR WET CROP SEASON 2024

|          |               | ALLOCATION |       |           |       |           |       |  |
|----------|---------------|------------|-------|-----------|-------|-----------|-------|--|
| DISTRICT | MUNICIPALITY  | SEE        | DS    | FERTI     | LIZER | BIC       | BIO-N |  |
|          |               | 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   |  |
| - 1      | 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   |  |
|          | 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    |  |
| III      | ANGADANAN     | 934        | 1,868 | 872       | 872   | 249       | 1,494 |  |
|          | CABATUAN      | 88         | 176   | 82        | 82    | 23        | 138   |  |
|          | RAMON         | 41         | 82    | 38        | 38    | 11        | 66    |  |
|          | SAN MATEO     | 101        | 202   | 94        | 94    | 27        | 162   |  |

| yellow   | corn |
|----------|------|
| for feed |      |

|          |               | ALLOCATION |        |           |        |           |        |  |
|----------|---------------|------------|--------|-----------|--------|-----------|--------|--|
| DISTRICT | MUNICIPALITY  | SEEDS      |        | FERTI     | LIZER  | BIO-N     |        |  |
|          |               | AREA (HA)  | BAGS   | AREA (HA) | BAGS   | AREA (HA) | PACKS  |  |
|          | 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    |  |
| ľ        | 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 |  |

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6. Orientation on the preparation of Provincial Development and Physical Framework Plan (PDPFP) Via Zoom Teleconferencing by the National Economic & Development Authority (NEDA) Office on the discussions of the policy directions outlined in the Joint Memorandum Circular (JMC) No. 001, series of 2023, the Interim Guidelines on the formulation of PDPFP in the province.

Agencies who attended the conference via zoom on January 17, 2024 were the Regional Office of the National Economic and Development Authority (NEDA) whom spearheaded the meeting, Regional Offices of the Provincial Planning and Development Office, Provincial Agriculture Office, Department of Interior and Local Government, Secretary for the Sangguniang Panlalawigan, and other relevant sectors.

7. Regular Monthly Municipal/City Agriculturists' Meeting

MAs/CAs meeting held at the City Lights and Garden, Baluarte, Santiago City, Isabela on January 30, 2024. This aimed to update and discuss banner programs and projects of the Department of Agriculture-Region 2 in collaboration with the province Isabela.

Dr. Marvin Luis, DA Regional Rice Focal Person, Dr. Roberto Busania, DA Regional Technical Director for Operation and Extension, Marites E. Frogoso Provincial Agriculturist together with the Commodity Focals, Engr. William Contillo DA-APCO, Representatives from Ms. Lara May Ramos DA Livestock Program, IDU Mr. Bryan Jimenez, Engr. Eva Eslava DA-RAED and the National Irrigation Administration Office attended the regular City/Municipal Agriculturist meeting for the month of January 2024.

#### MESSAGES/AGENDA:

- a. Directive and Intervention of the Rice Banner program was presented by Dr. Marvin Luis of DA-RFO2.
- b. Words of gratitude to LGUs for the successful one week-celebration of the Bambanti Festival 2024. Encouraged the forum to continue pay tribute to the achievements of farmers, fishers, and group of individuals through the Gawad Saka Program of the province which moved from December to May of the year and other province-initiated projects the office is curently implementing.

- c. Dr. Roberto Busania, RTD of DA-RFO2 talked about vulnerable crops to drought for possible cloud seeding.
- d. Business opportunities for LGU under Rice, Corn, HVCC, Fishery and Livestock was discussed by Mr. Eugene Gabriel, Chief Ezecutive Office of the Central Isabela Agri Manufacturing Corporation (CIAMC)-Isabela.
- e. Technology through Innovative Farming was tackled by Mr. Francis Nitura, owner of the FDN Integrated Farm.
- f. Role of Agriculture in Law Enforcement (RA 7394) was presented by Police Captain Ricardo Dillig, Police Station of Santiago City.
- g. Orientation on the Executive Order 70: Task Force to End Local Communist Armed Conflict (ELCAC) to help the women, labor, urban poor and youth sectors against the infiltration and indoctrination of the armed rebel groups was discussed by Mr. Jack Espiritu.
- h. The meeting was adjourned at 4 o'clock in the afternoon.





| HIGH VALUE COMMERCIAL CROPS DEVELOPMENT PROGRAM    |                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PROGRAM/PROJECT<br>/ACTIVITY                       | PROJECT<br>DESCRIPTION                                                                                                                                  | STATUS/REMARKS/ACCOMPLISHMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 1. Operation and Maintenance of Provincial Nursery | PLGU initiated. Production of assorted vegetable seedlings for distribution to farmers.  PLGU initiated. Production of sexually propagated fruit trees. | Produced a total of 39,281 pieces assorted vegetable seedlings which were distributed to 107 walk-in clients and distributed 816 packs of assorted vegetable seeds to 28 walk-in clients.  Distributed 110 pieces of assorted fruit tree seedlings to farmerclients. The maintenance of produced 1,000 pieces of assorted fruit tree seedlings was done.  The production of assorted vegetable and fruit tree seedlings continues as well as the production of vermi compost and assorted vegetables for market and seed purposes. |

## 2. Monitoring of Planting

Data collection of updated standing
crop of every
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 January 2024

| Commodity                      | Seedlings<br>stage<br>Newly<br>Transplanted<br>(ha) | Vegetative (ha) | Reproductive<br>(ha) | Total     |
|--------------------------------|-----------------------------------------------------|-----------------|----------------------|-----------|
| Ampalaya                       | 21.40                                               | 69.07           | 157.25               | 247.72    |
| Eggplant                       | 59.65                                               | 113.65          | 288.18               | 461.48    |
| Tomato                         | 27.10                                               | 45.64           | 102.09               | 174.83    |
| Pole sitao                     | 29.68                                               | 98.20           | 194.03               | 321.91    |
| Okra                           | 22.34                                               | 82.48           | 135.70               | 240.52    |
| Upo                            | 17.09                                               | 63.86           | 114.06               | 195.01    |
| Squash                         | 17.40                                               | 74.16           | 139.74               | 231.30    |
| Pepper                         | 20.46                                               | 45.38           | 119.80               | 185.64    |
| Winged Bean                    | 0.37                                                | 9.47            | 27.64                | 37.48     |
| Sponge<br>Gourd                | 6.24                                                | 16.16           | 59.77                | 82.17     |
| Radish                         | 2.00                                                | 1.00            | -                    | 3.00      |
| Mustasa                        | 4.31                                                | 1.11            | 1.20                 | 6.62      |
| Assorted<br>Vegetable<br>Total | 228.04                                              | 620.17          | 1,339.46             | 2,187.67  |
| Root crops                     | 99.01                                               | 66.60           | 72.63                | 238.24    |
| Banana                         | 836.14                                              | 2,121.70        | 4,946.16             | 7,904.00  |
| Citrus                         | 29.04                                               | 103.60          | 717.61               | 850.25    |
| Pineapple                      | 46.55                                               | 303.19          | 350.49               | 700.23    |
| Mango                          | 323.27                                              | 1,057.37        | 1,888.90             | 3,269.54  |
| Cacao                          | 0.30                                                | 84.01           | 52.56                | 136.87    |
| Coffee                         | 4.00                                                | 8.62            | 57.53                | 70.15     |
| Mungbean                       | 2,150.00                                            | 1,220.00        | 5,113.50             | 8,483.50  |
| Watermelon/<br>Melon           | 2.35                                                | 21.90           | 15.70                | 39.95     |
| Papaya                         | 0.12                                                | 0.10            | 6.52                 | 6.74      |
| Guyabano                       | -                                                   | -               | 32.00                | 32.00     |
| Peanut                         | -                                                   | 17.55           | 31.10                | 48.65     |
| Red Onion                      | 11.85                                               | 27.82           | 8.38                 | 48.05     |
| Yellow Onion                   | -                                                   | -               | 0.30                 | 0.30      |
| Cabbage                        | -                                                   | 0.10            | -                    | 0.10      |
| Brocoli                        | -                                                   | 0.01            | -                    | 0.01      |
| Cauli flower                   | -                                                   | 0.01            | -                    | 0.01      |
| Ginger                         | -                                                   | 13.10           | 2.31                 | 15.41     |
| Total                          | 3,730.66                                            | 5,665.86        | 14,635.15            | 24,031.67 |

## 3. Attendance participation to meetings/trainings/ symposia

Spearheaded by national and local agencies with programs and projects in agriculture.

Attended the planning workshop re: the proposed implementation of the Kadiwa Ni Pangulo (KNP) Program in the whole province of Isabela.

KNP is a farm-to-consumer market chain that eliminates intermediaries, allowing local producers to generate higher income by selling their produce directly to consumers. It was launched nationwide on July 17, 2023 which was participated by government agencies and various FCAs in the province, simultaneously.

The planning workshop was conducted at DA - RFO 02 Compound, San Gabriel, Tuguegarao City and was participated by different partner-agencies such as the, DA - RFO 02, DILG, DTI, DOLE, NFA, DSWD and representatives from PLGUs in Region 02. As an output of the said planning workshop, an initial agreement and task were given to leading agencies for the simultaneous spearheading of the activity in the five provinces of Region 02 on the 30th day of January 2024.



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Monitored the establishment of onion demonstration together with the technician of Eastwest Seed Company and representatives from the Municipal Agriculturist of Luna, Isabela.

The onion production in Isabela was introduced and is now adpted in few municipalities of Isabela particularly Ramon, Roxas and Mallig. It was initiated by PGI Agricultural Sector Representative, Hon. Adrian Philip S. Baysac in partnership with the MLGU Luna and Easwest Seed Company to start onion production in localities to encourage the farmers to venture in onion production.

The establishment of the onion farm demo site is located at San Isidro, Luna, Isabela.



Conducted farm visit on the demonstration site for the conduct of Season Long Farmers' Field School at San Miguel, Ramon, Isabela. The mango farm has a total area of 2.0 hectares with nearly 200 mango trees.

PROGRAM/ PROJECT/ ACTIVITY	PROJECT DESCRIPTION	STATUS/REMARKS/ACCOMPLISHMENT
1. Volume of	Consolidation of fish production	SUMMARY
Provincial Fish Production	report from various fishery resources (freshwater and marine).  Operation and management of existing fishery facilities to	Fishpond : 120.059 MT  Fishcage : 0.12 MT  SWIP : 30.194 MT  CBWs : 241.397 MT  Marine : 0.095 MT  Municipal – 271.591MT  Aquaculture - 120.299 MT  TOTAL – 391.890 MT
	support the province's requirements for fish stocks.	
a. Production Support Services  a.1. Fisheries production  and dispersed at		Maintenance of 3,000 pieces female breeders ar 2,000 male breeders for fingerling production. New s of breeders were taken from BFAR-NFFTC, Science City of Munoz, Nueva Ecija.
and dispersal at San Pablo Freshwater Fish Farm, San Pablo, Isabela		Conducted routinary farm activities such as:     Collection and conditioning of tilapia fingerlings     Collection and conditioning of tilapia breeders     Water refilling of ponds and concrete tanks     Stocking of breeders in hapa     Feeding of stocks     Draining of ponds for pond preparation
		3. Fingerling Dispersal  - Municipalities served – 2 (San Pablo and City of Ilagan)  - Fingerling served – 20,000  - Water Area – 0.4 has.  - Fisherfolk Served - 3

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a.2. Hauling and
Dispersal of Tilapia
Fingerlings at BFARNFFTC CLSU,
Science City of
Muñoz, Nueva Ecija

The Department of Agriculture-Bureau of Fisheries and Aquatic Resources (DA-BFAR RO2) and the Office of the Provincial Agriculturist (OPA) hauled tilapia fingerlings from Department of Agriculture - Bureau of Fisheries and Aquatic Resources National Freshwater Fisheries Technology Center ( DA-BFAR -NFFTC), Science City of Muñoz, Nueva Ecija and was successfully distributed to fishpond operators and Small Water Impounding Projects (SWIPs) in the municipalities of Roxas, Mallig, Quezon and Quirino, Isabela.

Thirty Thousand (30,000) new set of breeders for San Pablo Freshwater Fish Farm were also hauled from BFAR-NFFTC.



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| No. of fingerlings distributed       | 188,000     |  |
|--------------------------------------|-------------|--|
| No. of municipalities served         | 4           |  |
| No. of fisherfolk beneficiaries      | 72          |  |
| Area of fishpond project             | 6.3877 has. |  |
| No. of SWIP stocked with fingerlings |             |  |
| Municipality served                  | 1 (Roxas)   |  |
| No. of fingerlings stocked           | 22,000      |  |





# 2. Support to other Agri- Fishery Programs and Projects

a. Conducted validation and evaluation of fisherfolk registered in the Fisherfolk Registration System (Fish R) in preparation to the Governor's Rice Assistance Program to Fisherfolk of the Province

To validate the list of fisherfolk engaged in fish capture as intended beneficiaries for the assistance from the Provincial Government of Isabela.

| MUNICIPALITY   | NO. OF<br>FISHERFOLK |
|----------------|----------------------|
| DIS            | TRICT I              |
| Cabagan        | 295                  |
| Delfin Albano  | 91                   |
| Ilagan City    | 382                  |
| San Pablo      | 108                  |
| Santa Maria    | 257                  |
| Sto. Tomas     | 123                  |
| Tumauini       | 425                  |
| DIS            | TRICT II             |
| Benito Soliven | 18                   |
| Gamu           | 26                   |
| Naguilian      | 26                   |
| Reina Mercedes | 11                   |
| Naguilian      | 26                   |
| DIST           | RICT III             |
| Alicia         | 102                  |
| Angadanan      | 148                  |
| Cabatuan       | 90                   |
| San Mateo      | 102                  |
| Ramon          | 380                  |
| DIST           | RICT IV              |
| Cordon         | 57                   |
| Jones          | 82                   |
| San Agustin    | 153                  |
| DIST           | TRICT V              |
| Aurora         | 284                  |
| Burgos         | 23                   |
| Luna           | 97                   |
| Mallig         | 12                   |
| Quezon         | 8                    |
| Quirino        | 21                   |
| Roxas          | 36                   |
| San Manuel     | 5                    |
| DIST           | RICT VI              |
| Cauayan City   | 402                  |
| Echague        | 268                  |
| San Isidro     | 3                    |
| San Guillermo  | 517                  |
| GRAND TOTAL    | 4,578                |









b. Consultative
Meeting on
Mycoremediation
Project with the CLSU
University President
Dr. Evaristo A. Abella

The desire mycoremediation in wider scale and to ensure a right path towards the development of the province's project, the team sought the assistance of the Research Specialist in Mycology University headed by the President of Central Luzon State University, Dr. Evaristo A. Abella and Dr. Rich Milton R. Dulay -Director of the CLSU Mushroom Center.

During the brief discussion, the following important information were noted:

- 1. Mushroom spawns (*mycelia*) are used to remediate contaminated soil with heavy metals;
- Heavy metals are commonly found/settled at the bottom of water bodies (river bed, lake bed, etc.):
- Mycoremediation can be applied in larger volume of water using catch basin or containment pond;
- 4. Coliform bacteria cannot prohibit bacterial contamination instead it might stimulate its growth;
- 5. There is a need to compare which among the species of mushroom are good up takers of heavy metal for research;
- 6. Mycoremediation works depending on the species to be used and the chemical composition/components of the soil;
- 7. *Mycelia* thrives in the soil with 60-65% moisture content and with the application of appropriate technology;
- Mycelia do not thrive in water because it is not favorable environment for them to grow and multiply;
- 9. No existing local research studies on *mycoremediation* in open water bodies as of this date;
- 10. Dr. Evaristo A. Abella's unpublished research on Mycoremediation for his Post-doctoral Advanced Research in Mycoremediation at the University of Florida, USA in 2016 uses Lentinus sp., cited that it is a species of mushroom that is more active and aggressive for mycoremediation; and
- 11. CLSU is willing to enter into a Memorandum of Agreement (MOA) with PGI for further research study on *mycoremediation* specifically on the testing of different species and identify the most viable species for *mycoremediation* on heavy metals.



c. Monitoring of
Trainees/ Participants
during the conduct of
Training on Hatchery
and Grow-out of
Tilapia on June 2023
at San Pablo
Freshwater Fish Farm,
San Pablo, Isabela.

To assess the implementation/ application of knowledge and skills shared to clients/participants during the conduct of the training.





d. Supervising of the PGI Booth (Registration and Information Booth) and Monitoring of Daily Sales Record during the celebration of the Bambanti Festival 2024

The 2024 Bambanti Festival highlighted the theme "Ettam Ngana ta Isabela" on January 22-27, 2024 giving honor to resiliency and industriousness of Isabela farmers in the province's agricultural economy.

The Provincial Government of Isabela through the leadership of the Hon. Rodolfo T. Albano III and the Director General of Bambanti Festival Vice Gov. Hon. Faustino "Bojie" G. Dy III encouraged participating municipalities and cities of the province to participate in the Agri-Ecotourism Exhibit and Sales during the celebration of the Bambanti Festival on January 22-27, 2024 at the Capitol Ground, Alibagu, City of Ilagan, Isabela.

One of the activities highlighted was the setting-up of 34 Agri-Ecotourism Booth to showcase the culture and tradition of different towns through symbolic display of their products showing distinctiveness of each municipality. These include the agricultural produce of Isabeleño farmers and fisherfolk in wide arrays of fresh and processed food items. It is through this festive event that provided avenue for farmers and fisherfolk to sell their products directly to the consumers to augment and increase their income.







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e. Attended Regular Monthly Meeting of MAOs at Baluarte, Santiago City

To give updates on various programs and projects on different agriculture commodities such as rice, corn, hvcc, fisheries and livestock.

The meeting served as a venue to tackle issues and concerns pertaining to the implementation of various agriculture-related programs specifically on rice and corn production and other commodities in the province headed by DA-RO2.





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6. Registration of Nonmotorized banca distributed to fisherfolk in the province

All fishing vessels/bancas were encouraged to officially register in Boat Registration of BFAR as specified under the existing fishery laws in the country.





| RURAL WOMEN ORGANIZATION-RIC |                                               |              |                               |                                                                                                                                                                                                                                                                                                |
|------------------------------|-----------------------------------------------|--------------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PROGRAM/PROJECT/<br>ACTIVITY | PROJECT<br>DESCRIPTION                        |              | STATUS/REMARM<br>ACCOMPLISHME | = -                                                                                                                                                                                                                                                                                            |
|                              | empower the Rural                             |              |                               |                                                                                                                                                                                                                                                                                                |
|                              | and actively involve                          | MUNICIPALITY | AREA                          | REMARKS                                                                                                                                                                                                                                                                                        |
|                              | in Farm and Home Resource Management Service. | Jones        | 1,200 sqm.                    | The personnel together with the RIC coordinator, Ms. Sherill Cabigon visited the area of the RIC and a nursery propagated with eggplant, tomato, pepper, and etc. These seedlings were distributed to its members for their communal garden and will benefit its member's individual projects. |
|                              |                                               | San Mateo    | Backyard                      | The project was planted with squash, gourd (upo), bitter gourd (ampalaya), and string beans which will increase additional income for their organization and for food consumption.                                                                                                             |
|                              |                                               | Angadanan    | Backyard                      | Ms. Virginia De Guzman, the RIC President of their RIC communal garden and the staff planted the following: -eggplant -pepper -upo -tomato                                                                                                                                                     |

| Roxas          | Backyard       | Together with the personnel Ms. Babyleen Domingo, the RIC coordinator monitored the project planted with assorted vegetables such as eggplant, pepper, tomato etc. |  |  |  |
|----------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| Gamu           | Backyard       | The Communal Project of RIC Gamu was planted with pole sitao, eggplant, and tomato etc.                                                                            |  |  |  |
| Jones, Isabela |                |                                                                                                                                                                    |  |  |  |
|                | Jones, Isabela |                                                                                                                                                                    |  |  |  |





1. Philippine
Agricultural
and Fisheries
Council (PAFC)

Attended the 1<sup>st</sup> Quarter Operational Meeting and Planning Workshop of the Regional Agricultural and Fishery Council of Cagayan Valley (RAFC 02) on January 25, 2024, at the Department of Agriculture Regional Field Office No. 02 Multipurpose Conference Hall.

The event was attended by the RAFC Executive and Sectoral Committee Officers, PAFC/ICCAFC and MAFC/CAFC Chairperson and Coordinators, as well as the AFC Station-based Focal Person from the provinces of Batanes, Cagayan, Isabela, Nueva Vizcaya, and Quirino. OIC Regional Executive Director Rose Mary G. Aquino, RAFC Executive Officer Ms. Bernadette T. Galoso, RAFC Secretariant-Coordinator, Ms. Shiela Marie DA. Orpilla, and technical staff from the Philippine Council of Agriculture and Fisheries (PCAF), including Ms. Cyrile Jane Dancel and Ms. Khare Lozada attended the meeting.





 Regular Monthly Municipal/City Agriculturist's Meeting MAs/CAs meeting held at the City Lights and Garden, Baluarte, Santiago City, Isabela on January 30, 2024. This aimed update and discuss banner programs and projects of the Department Agriculture-Region 2 in collaboration with the province Isabela.

Dr. Marvin Luis, DA Regional Rice Focal Person, Dr. Roberto Busania, DA Regional Technical Director for Operation and Extension, Marites E. Frogoso Provincial Agriculturist together with the Commodity Focals, Engr. William Contillo DA-APCO, Representatives from Ms. Lara May Ramos DA Livestock Program, IDU Mr. Bryan Jimenez, Engr. Eva Eslava DA-RAED and the National Irrigation Administration Office attended the regular City/Municipal Agriculturist meeting for the month of January 2024.

#### MESSAGES/AGENDA:

- 1. Directive and Intervention of the Rice Banner program was presented by Dr. Marvin Luis of DA-RFO2.
- 2. Words of gratitude to LGUs for the successful one week-celebration of the Bambanti Festival 2024. Encouraged the forum to continue pay tribute to the achievements of farmers, fishers, and group of individuals for the Gawad Saka Program of the province which moved from December to May of the year and other province-initiated projects the office is curently implementing.
- 3. Dr. Roberto Busania, RTD of DA-RFO2 talked about vulnerable crops to drought for possible cloud seeding.
- 4. Business opportunities for LGU under Rice, Corn, HVCC, Fishery and Livestock was discussed by Mr. Eugene Gabriel,

- Chief Ezecutive Office of the Central Isabela Agri Manufacturing Corporation (CIAMC)-Isabela.
- 5. Technology through Innovative Farming was tackled by Mr. Francis Nitura, owner of the FDN Integrated Farm.
- 6. Role of Agriculture in Law Enforcement (RA 7394) was presented by Police Captain Ricardo Dillig, Police Station of Santiago City.
- 7. Orientation on the Executive Order 70: Task Force to End Local Communist Armed Conflict (ELCAC) to help the women, labor, urban poor and youth sectors against the infiltration and indoctrination of the armed rebel groups was discussed by Mr. Jack Espiritu.
- 8. The meeting was adjourned at 4 o'clock in the afternoon.





#### **Other Matters**

- 1. Governance
- a. Co-Chairperson of the Bambanti Agri-Ecotourism Village

The Bambanti Agri-Ecotourism Exhibit and Sale aims to cultivate a more profound relationship between the local community and its visitors by providing an immersive experience that showcases the essence of Isabela's eco-tourism landscape and local products.

Supervised the Provincial Booth of the Bambanti Festival 2024. Judges faced through a difficult decision as they deliberated over the final judging of the agri-ecotourism booths and giant scarecrows at the Bambanti Village. Each booth offered a detailed explanation of its unique display, featuring environment-friendly bambanti installations that highlighted the distinctiveness of each municipality.

| Giant Bambanti and Agri-Ecotourism Booth Winners |                |  |  |  |
|--------------------------------------------------|----------------|--|--|--|
| Giant Bambanti (Category A)                      |                |  |  |  |
| 1 <sup>st</sup> Place                            | City of Ilagan |  |  |  |
| 2 <sup>nd</sup> Place                            | Echague        |  |  |  |
| 3 <sup>rd</sup> Place                            | San Mariano    |  |  |  |
| Giant Bambanti (Category B)                      |                |  |  |  |
| 1 <sup>st</sup> Place                            | Cordon         |  |  |  |
| 2 <sup>nd</sup> Place                            | Burgos         |  |  |  |
| 3 <sup>rd</sup> Place                            | Delfin Albano  |  |  |  |
| Agri-Ecotourism Booth (Category A)               |                |  |  |  |
| 1 <sup>st</sup> Place                            | Echague        |  |  |  |
|                                                  | <u> </u>       |  |  |  |

| Ī | 2 <sup>nd</sup> Place              | City of Ilagan |  |  |  |
|---|------------------------------------|----------------|--|--|--|
|   | 3 <sup>rd</sup> Place              | Cauayan City   |  |  |  |
|   | Agri-Ecotourism Booth (Category B) |                |  |  |  |
|   | 1 <sup>st</sup> Place              | Cordon         |  |  |  |
|   | 2 <sup>nd</sup> Place              | San Pablo      |  |  |  |
|   | 3 <sup>rd</sup> Place              | Quirino        |  |  |  |
| - | ·                                  |                |  |  |  |









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