	OFFICE OF THE PROVINCIAL AGRICULTURIST	**OCTOBER**
		MONTH
	Accomplishment Report	**2020**
		YEAR

PROGRAM/PROJECT ACTIVITIES	BRIEF DESCRIPTION	ACCOMPLISHMENT
I. RICE DEVELOPMENT PROGRAM		
a.. Rice Resiliency Project (RRP)	DA-PLGU Collaborative Project aims to increase local rice production to combat global trade uncertainties and put the country to a more food-secure position.	
a.1 .Enhanced Hybrid Rice Production.	An intensified promotion of high-yielding technology through distribution of hybrid rice seeds and inorganic fertilizers.	Assisted in the distribution of hybrid seeds for dry cropping season 2020-2021 in Gamu, Isabela. Initially distributed 1,200 bags of 18kg/bag.
a.2 Fertilizer Assistance Program	DA-PLGU collaborative program which is a component of the Rice Resiliency Project (RRP)	From 179,083 bags of urea (46-0-0) delivered to 2 cities and 31 municipalities, 172,540 bags were already distributed to farmer-beneficiaries .
b. Technology Demonstration on Mechanization in Rice Production	**DA-PhilRice-PLGU -MLGU collaborative.** Establishment of Technology Demonstration showcasing mechanization and also serve as the learning field.	Both Techno Demo Sites (Luna & Roxas) conducted the Field Walk with minimum participants, observing the COVID-19 protocols. Based on the data gathered, among the seven (7) varieties planted in Luna, Isabela, NSIC Rc222 had the highest yield of 7.72MT/ha, Other varieties planted were: NSIC Rc514 NSIC Rc506 NSIC Rc402 NSIC Rc160 NSIC Rc480 NSIC Rc160
c. Monitoring of Palay Price	Data collection of prevailing price per kilo of palay from the different commercial centers	For the month of October, 2020, the average price of palay: Dry: 16.17 Wet: 12.70

d. Monitoring of Rice Planting & Harvesting	Data collection on the status of rice planting and harvesting	Area Planted=1,310.9ha Area Harvested=64731.68ha Production = 315,463.75mt Average Yield =4.87 mt/ha
e. Consolidation and Validation of Rice Crop damaged caused by typhoon Pepito		Based on the consolidation and validation of rice damaged report submitted by 22 municipalities, areas partially affected were 32,576.98 hectares with 26,765 farmers , volume loss of 75,824.40 MT. Wherein if converted to Peso value, the value loss is P938,706,071.32

Distribution of hybrid seeds for dry cropping season 2020-2021 in Gamu, Isabela

Distribution of fertilizer (46-0-0) to farmer-beneficiaries of fertilizer assistance under the Rice Resiliency Program (RRP)

Participated in the conduct of Field Walk instead of Field Day of the joint Techno Demo on Rice Mechanization of DA-PhilRice, PLGU and MLGU




Damaged rice crops (lodged and under water) caused by typhoon Pepito

<table>
<tr><th>PROGRAM/PROJECT/ ACTIVITY</th><th>PROJECT DESCRIPTION</th><th>STATUS/REMARKS/ACCOMPLISHMENT</th></tr>
<tr><td>II. CORN PROGRAM

A. Monitoring and Consolidation of Corn Planting Reports</td><td>Data collection on the status of corn planting from LGUs</td><td>Wet Cropping Season 2020 Terminal Harvesting Report

<table>
<tr><th>Corn Type</th><th>Area Harvested (ha.)</th><th>Production (MT)</th><th>Ave. Yield</th></tr>
<tr><td>Yellow</td><td>120,869.98</td><td>4477,009.157</td><td>3.70</td></tr>
<tr><td>White</td><td>1,923.35</td><td>4,106.294</td><td>2.13</td></tr>
<tr><td>TOTAL</td><td>122,793.33</td><td>451,115.451</td><td>3.67</td></tr>
</table>
Dry Cropping Season October 2020-2021 Planting Report

<table>
<tr><th>Corn Type</th><th>Area Planted (ha)</th></tr>
<tr><td>Yellow</td><td>16,080.75</td></tr>
<tr><td>White</td><td>386.65</td></tr>
<tr><td>Total</td><td>16,467.40</td></tr>
</table>
Corn Standing by Stages as of October 30,2020

<table>
<tr><th rowspan="2">Stages</th><th colspan="3">Area Planted (ha)</th></tr>
<tr><td>Yellow</td><td>White</td><td>Total</td></tr>
<tr><td>Reproductive</td><td>378.95</td><td>0.00</td><td>378.95</td></tr>
<tr><td>Vegetative</td><td>8,483.75</td><td>148.20</td><td>8,631.95</td></tr>
<tr><td>Seedling</td><td>8,009.50</td><td>12.00</td><td>8,021.50</td></tr>
<tr><td>Total</td><td>16,872.20</td><td>160.20</td><td>17,032.40</td></tr>
</table></td></tr>
<tr><td>B. Monitoring of Price of Corn</td><td>Data collection on prevailing price per kilo of corn from different trading centers in the province</td><td>Average prevailing price of corn monitored from different trading centers for the month of October, 2020 were as follows:

<table>
<tr><td colspan="2">Yellow Corn</td></tr>
<tr><td>Dry</td><td>12.50/Kg.</td></tr>
<tr><td>Fresh</td><td>8.75/Kg.</td></tr>
<tr><td colspan="2">White Flint Corn</td></tr>
<tr><td>Dry</td><td>12.00/Kg.</td></tr>
<tr><td>Fresh</td><td>8.50/Kg.</td></tr>
<tr><td colspan="2">Glutinous Corn</td></tr>
<tr><td>Dry</td><td>17.00/Kg.</td></tr>
<tr><td>Fresh</td><td>12.00/Kg.</td></tr>
</table></td></tr>
<tr><td>C. Sustainable Corn Production in Sloping Areas (SCOPSA)</td><td>Technology Demonstration for the control of soil erosion in hilly/sloping areas cultivated to corn</td><td>SCoPSA Techno Demo Project – PLANTING REPORT/CROP STAGES

CROPPING SEASON : Dry Season 2020 – 2021 (4th Season)
Site 1 : Flores, Naguilian, Isabela
Date of Planting : September 28-29, 2020
Corn Variety : NK-6410
Crop Stage
Corn : Vegetative Stage (Early Whorl)
Banana : Fruiting
Pineapple : Affected by drought last WS 2020

Site 2 : Annanuman, San Pablo, Isabela (not yet established)
Crop Stage
Banana : Fruiting
Pineapple : Affected by drought last WS 2020</td></tr>
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<tr>
<td>D. Validation and Assessment of Corn Damage Reports from LGUs.</td>
<td>A team validation with OPA, DA-CVRC and affected LGUs on the extent of corn damage due to flooding and eroded seedlings brought by severe tropical storm PEPITO.</td>
<td>Final Corn Damage Report Caused by "Tropical Storm PEPITO" in the province of Isabela

<table>
<tr><td>1. Total Corn Area Planted</td><td>10,736.40</td></tr>
<tr><td>2. Area Affected (has)</td><td></td></tr>
<tr><td>Totally Damaged</td><td>17.00</td></tr>
<tr><td>Partially Damaged</td><td>260.20</td></tr>
<tr><td>3. Volume loss (MT)</td><td>-</td></tr>
<tr><td>4. Value Loss (P)</td><td>882,235.58</td></tr>
<tr><td>5. No. of Farmers Affected</td><td>163</td></tr>
<tr><td>6. No. of Municipalities/ Cities Affected</td><td>5</td></tr>
<tr><td>7. Percent (%) Damaged vs Total Standing Crop</td><td>2.58%</td></tr>
<tr><td>GRAND TOTAL VALUE LOSS</td><td>882,235.58</td></tr>
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<td>E. Joint On Line Forum with the Department of Agriculture and Private Partner-Corteva Agri-Science on Fall Army Worm</td>
<td>An online forum re: Fall Army Worm a major pest problem in the Philippine corn industry to be participated by corn technical staff in LGUs, DA-RFOs, RCPCs, FPA and among other stakeholders on October 07, 2020.</td>
<td>Guests and Participants participated via zoom.
• Dr. Loreno Caranguian, DPA National Corn Program/FAW Director
• Engr. Ariel T. Cayanan, Chairperson, FAW Task Force
• Dr. William D. Dar, Secretary Department of Agriculture
• Mr. Arun Mittal, Country Director Philippine Corteva Agri-Science
• OPA-Isabela
• OPAg South Cotabato
• DA- RFO 02
• DA-RCPC 02
• DA-RCPC 09
• FPA
• DA-RCPC 12</td>
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<tr>
<td>F. Corn Program Year-End Assessment and 2021 Planning workshop of ATI-RTC 02, San Mateo, Isabela</td>
<td>A year- end assessment and planning workshop with LGU program implementers/ coordinators region wide was conducted to stress out and determine the extension services needed in their respective areas.</td>
<td>Following municipalities who planned to conduct ICM-CBFS Sites for Wet cropping season 2021 under ATI collaborative program, to wit;

• Piat, Cagayan
• Tuguegarao City, Cagayan
• Cauayan City, Isabela
• Benito, Isabela
• Baggao, Cagayan
• Alcala, Cagayan
• Sto. Niño, Cagayan
• Solana, Cagayan
• Ilagan City, Isabela
• San Mariano, Isabela</td>
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</table>

Validation of Corn Damage due to Tropical Storm Pepito in Angadanan,San Guillermo, Quirino and Tumauini Isabela last October 23, 2020.

Attendance/Participation in a Corn Program Year-End Assessment and 2021 Planning Workshop on October 28, 2020 at ATI-RTC 02, San Mateo, Isabela.

PROGRAM/PROJECT/ACTIVITY	PROJECT DESCRIPTION	STATUS/REMARKS/ACCOMPLISHMENT
III. HIGH VALUE COMMERCIAL CROPS DEVELOPMENT PROGRA		
A. Operation and Maintenance of Provincial Nursery	**PLGU initiated.** Production of assorted vegetable seedlings for distribution to farmers.	Produced a total of 31,177 pieces assorted vegetable seedlings. Of which 24,832 were distributed to 28 farmer recipients.
	PLGU initiated. Production of sexually propagated fruit trees.	Distributed 10 pieces of assorted fruit tree seedlings to 5 farmers and Maintenance of produced 1,500 pieces of assorted fruit tree seedlings.
B. Monitoring of Planting and Harvesting	Data collection on status of planting and harvesting	Monitored 3, 520.74 hectares Planted with assorted vegetable within the whole province with an approximate yield of 38,728.14 metric tons.
C. Meetings/Trainings and Workshops attended		- Validated HVCC Farms for possible damage caused by Tropical Storm Pepito. - Establishment of Organic Vegetable Garden in Collaboration with the Isabela Permaculture Development Center - Setting up of Vegetable Trellises at the Provincial Plant Nursery New Site - Replanted missing hills of Pepper at the Provincial Plant Nursery New Site - Hilling up of Peanut at the Provincial Plant Nursery New Site - Formulated Organic concoctions for use in the two Provincial Plant Nursery - Harvesting of Naturally grown vegetables at the Provincial Plant Nursery New Site - Applied with different Organic fertilizers at the Provincial Plant Nursery New Site
D. Monitoring of Price	**PLGU Initiated.** Data collection on prevailing market price of assorted vegetables from different commercial trading centers in the province.	Average price per kilo of the following vegetables monitored for the month of October 2020. • Ampalaya 40.00 • Eggplant 20.00 • Tomato 80.00 • Sitao 40.00 • Squash 25.00 • Pechay 30.00 • Okra 30.00

Establishment of Organic Vegetable Garden in Collaboration with the Isabela Permaculture Development Center

Setting up of Vegetable Trellises at the Provincial Plant Nursery New Site

Replanting missing hills of Pepper at the Provincial Plant Nursery New Site

Hilling up of Peanut at the Provincial Plant Nursery New Site



Harvesting of Naturally grown vegetables at the Provincial Plant Nursery New

Vegetable plants applied with different Organic fertilizers at the Provincial Plant Nursery New Site

Formulation of Organic concoctions for use in the two Provincial Plant Nursery

PROGRAM/PROJECT/ACTIVITY	PROJECT DESCRIPTION	STATUS/REMARKS/ACCOMPLISHMENT
IV. FISHERIES DIVISION		
1. Operation and Maintenance of San Pablo Freshwater Fish Farm	Operation and management of existing fishery facilities to support the province requirements for fish stocks	- Routinary farm activities such as net mending, cleaning of ponds /dikes, feeding of stocks & fingerling distributiion to fisherfolk.
2. Support and Assistance to BFAR Technology Demonstration Project	To showcase existing and appropriate technologies in aquaculture	- Preparation of terminal/harvest report - Additional 8,966.5 MT partial fish production from the established demo of BFAR-R02
3. Monitoring of production and dispersal of hatcheries provincewide	To serve as data base on the status of operational fish hatcheries	- Tilapia Fingerlings Prod'n – 1,930,000 fingerlings monthly - No. of Fish Hatcheries – 27 - Area of hatcheries – 18.65
4. Fish Production Report (partial)	Monthly consolidation of fish production gathered from different municipalities/cities of the province	- Fishpond Area- 18.867 has.; Production - 78..059 MT - Fishcage - MT - SWIP - 7.47 MT - CBW's - 82.453 MT - Marine - 6.743 MT
5. Price Monitoring of Fishery Products (Ilagan, Roxas & Cauayan City)	To ensure the availability of basic necessities & prime commodities at reasonable prices	- Bangus- P160.00-170.00 - Tilapia – P120.00-140.00 - Hito – P120.00-130.00 - Galunggong Bilog-190-200.00 - Galunggong Ordinary- 160-180.00 - Dalagang Bukid – 240-250.00 - Hipon – 550.00 - Pink Salmon (Head) – 150.00 - Pink Salmon (Belly) -250.00
6. Support to other Fishery projects (Permaculture) - Water Quality Analysis to existing fishery area	To check water quality of the pond for possible establishment of fishcage project	Result of analysis conducted at BFAR Laboratory as follows; ph-6.5 Ammonia-0 Nitrite/Nitrogen-0 ppm Alkalinity-160 ppm Carbon Dioxide-25 ppm Chloride-17 Hardness-80 Dissolve Oxygen-3 ppm
7. Consolidation of Fishery Losses Report Caused by Flooding (Typhoon Pepito and Rolly)		No. of City/ Municipality Affected - 4 Area Affected – 9.34 No. of Fisherfolk - 45 Value (P) of Loss – 670,883.5
8. Assistance to ASF Monitoring	Bio-Security and	- No. of fishery personnel involved -1

Checkpoint	Surveillance on ASF	- No. of hours on duty - 12 days @ 24 hrs/day.

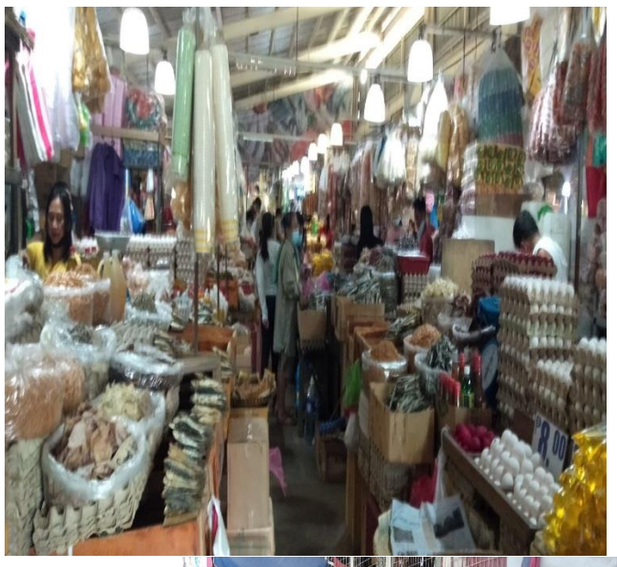
Operation and Maintenance of San Pablo Freshwater Fish Farm

- **Routinary activities - Net mending, cleaning of ponds, feeding of stocks and fry collection**

Monitoring of Fingerling Production and Dispersal of Private Hatcheries

Assistance in the Development of Permaculture

Price Monitoring

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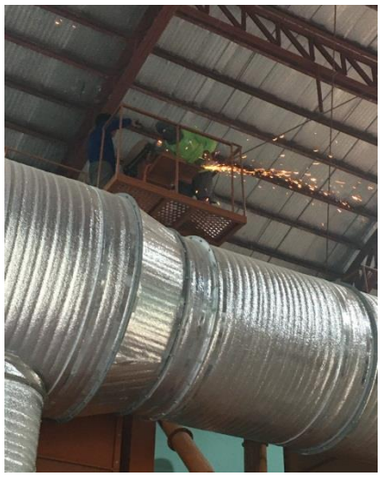
Assistance to ASF Monitoring Checkpoint

PROGRAM/PROJECT/ACTIVITY	PROJECT DESCRIPTION	STATUS/REMARKS/ACCOMPLISHMENT
V. AGRICULTURAL ENGINEERING SERVICES 1. Establishment of Mechanical Recirculating Dryer in Brgy. Cansan, Cabagan, Brgy. San Fabian, Echague and Brgy. Minanga, San Mariano, Isabela.	Grain Drying facilities operated by the Provincial Government of Isabela to help the farmers to increase the quality and add value for the produced.	• The mechanical dryer in Brgy. Cansan, Cabagan, Isabela final test run has been undertaken however the operational guidelines and strategies have been formulated and still on the finalization process. • The recirculating mechanical dryer in brgy. San Fabian, Echague, Isabela was tested last October 21-23, 2020. The dryer were tested using rice and corn as sampling materials. During the testing, troubleshooting and adjustment of parts of the dryer were done. The dryer will undergo Agricultural Machinery Testing and Evaluation Center (AMTEC) testing on the first week of November. • On-going installation of recirculating mechanical dryer in brgy. Minanga, San Mariano, Isabela.

Loading of sampling materials to the 6 tonners (left) and 12 tonners (right) recirculating mechanical dryer.

Loading of rice hull fuel (left) and igniting the rice hull inside the furnace burning chamber (right).

Moisture content of sampling material was tested every hour for moisture reduction monitoring.



Monitoring of motor current during operation as part of the testing procedure (left) and troubleshooting/adjusting electric motor of the bucket elevator (right).

Unloading of dried palay through the unloading box (left) and sacks of dried palay (right).

PROGRAM/PROJECT/ACTIVITY	PROJECT DISCRIPTION	STATUS/REMARKS/ACCOMPLISHMENT
VI. INSTITUTIONAL DEVELOPMENT Farm Home Resources and Management Services		
1. Registration/ Formation and Strengthening of Women RIC Organization	Empowerment of rural women towards agricultural development	Consolidated submitted registration/enrollment of Rural Improvement Club: Municipality: Delfin Albano No. of Clubs: 2 No. of Barangays: 2 Total Membership: 103
2. Livelihood Development Assistance	Livelihood support to RIC(women's) organization	Monitored existing livelihood projects in the municipality to wit: 1. San Mateo, Isabela –Smoked Fish Production and Vermiculture . **2.** Quezon, Isabela- Smoked Fish production **and Beads Making** 3. **Benito Soliven – Sasso chicken production, Vegetable production and Fish/Meat Processing.** 4. **Gamu -Sasso chicken Production.**

RIC Members with their Smoked Fish Production at Quezon, Isabela

Visited Ms. Mercy D. Cara- Sta. Cruz, Benito Soliven, Isabela

PROGRAM/PROJECT/ACTIVITY	PROJECT DISCRIPTION	STATUS/REMARKS/ACCOMPLISHMENT
VII. Farm Youth Development Services		
1. Registration/formation and strengthening of 4H Club Organization 0	Organization, Strengthened and empowerment of Young Farmer towards Agricultural Development	Consolidated submitted registration/enrolment of young Farmer to wit: 1. Ramon, Isa. No. of Clubs- 2 Total membership- 58 2. Jones No. of Clubs- 1 Total membership- 10
2. Livelihood Development Assistance		Monitored the existing 4H project on Mushroom production, vermi culture and seedlings production headed by the 4H Pres. Mr. Jerimar Rafael of Brgy. Malasin, San Mateo, Isabela . Other monitored 4H project were the communalVegetable production, mushroom and goat raising at brgy. Aromin, Echaque, Isa.
3.Search for Best Youth Project/ Business Proposal		Among the six (6) 4H Club organization recommended to join in the contest on the Search for Best Youth Project/ Business Proposal, the 4H Club Federation of San Mateo, San Mateo, Isabela garnered First Place with their winning Project Title ***"Kabute para sa Kabutehan"*** of which they received Plaque of Appreciation and Cash Price amounting to P 150,000 as additional livelihood assistance of their project.

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Noted:

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