



OFFICE OF THE PROVINCIAL AGRICULTURIST

NOVEMBER

MONTH

2020

YEAR

Accomplishment Report

PROGRAM/PROJECT ACTIVITIES	BRIEF DESCRIPTION	ACCOMPLISHMENT
<p>I. RICE DEVELOPMENT PROGRAM</p> <p>a. Seed Assistance Program</p> <p>a.1. Rice Seed Development Propagation and Promotion</p> <p>a.2 Rice Resiliency Project (RRP)</p> <p>a.2.1 .Expanded Hybrid Rice Production.</p> <p>a.2.2 Expanded Inbred Rice Production</p>	<p>DA-PhilRice Collaborative Project. One of the key programs of Rice Competitiveness Enhancement Fund (RCEF) aims to improve rice farmers' competitiveness and income amidst the liberalization of rice trade.</p> <p>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.</p> <p>An intensified promotion of high yielding technology through distribution of hybrid seeds and provision of fertilizer subsidy.</p> <p>An expanded inbred certified seed to enhance production in</p>	<p>Total allocation of the province for this 2020-2021 dry cropping season is 97,434 bags of 20kg/bag good for, 48,717 hectares. Of the total allocation, 16,908 bags were already distributed with 6,026 farmer-recipients.</p> <p>A total of 34,062 bags of hybrid seeds for DS 2020-2021 were Initially withdrawn from the DA warehouse. Distribution by the different municipalities is on-going.</p> <p>A total of 15,383 bags of certified seeds for DS 2020-</p>

	non-RCEF areas	2021 were initially withdrawn from the DA warehouse and distributed to farmer- recipients.
a.2.3 Fertilizer Assistance Program	An intensified promotion of high-yielding technology through distribution of hybrid rice seeds and inorganic fertilizers.	From 179,083 bags of urea (46-0-0) delivered to 3 cities and 31 municipalities, 177, 540 bags were already distributed to farmer- beneficiaries .
b . 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
c. Monitoring of Rice Planting & Harvesting	Data collection on the status of rice planting and harvesting	Area Planted=21,265.4ha Area Harvested=20,958.73ha Production = 56,968.52mt Average Yield =2.72 mt/ha
d. Consolidation and Validation of Rice Crop damaged caused by super typhoon Rolly and typhoon Ulysses		Based on the consolidation and validation of rice damaged report submitted by 22 municipalities, areas partially affected by Super typhoon Rolly were 232,350.16 hectares with 19,458 farmers , volume loss of 75,824.40 MT. Wherein if converted to Peso value, the value loss is P693,202.018.63, for typhoon Ulysses, area damaged were 17,.224.65 hectares with value loss of P285,018,386.28



Monitored and assisted in the distribution of seeds for Dry Cropping Season 2020-2021



Validated ricefield areas with standing crops damaged by super typhoon Rolly



Quality of grain is affected due to lodging of rice plants during the typhoon

PROGRAM/PROJECT/ACTIVITY	PROJECT DESCRIPTION	STATUS/REMARKS/ACCOMPLISHMENT																																																					
<p>II. CORN DIVISION</p> <p>A. Monitoring and Consolidation of Corn Planting Reports</p> <p>B. Monitoring of Price of Corn</p> <p>C. Sustainable Corn Production in Sloping Areas (SCOPSA)</p>	<p>Data collection on the status of corn planting from LGUs</p> <p>Data collection on prevailing price per kilo of corn from different trading centers in the province</p> <p>Technology Demonstration for the control of soil erosion in hilly/sloping areas cultivated to corn</p>	<p>Dry Cropping Season November 2020-2021 Planting Report</p> <table border="1" data-bbox="808 453 1523 598"> <thead> <tr> <th>Corn Type</th> <th>Area Planted (ha)</th> </tr> </thead> <tbody> <tr> <td>Yellow</td> <td>31,988.47</td> </tr> <tr> <td>White</td> <td>157.00</td> </tr> <tr> <td>Total</td> <td>32,145.47</td> </tr> </tbody> </table> <p>Corn Standing by Stages as of NOVEMBER 30, 2020</p> <table border="1" data-bbox="805 735 1523 1001"> <thead> <tr> <th rowspan="2">Stages</th> <th colspan="3">Area Planted (ha)</th> </tr> <tr> <th>Yellow</th> <th>White</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Maturity</td> <td>221.95</td> <td>0.00</td> <td>221.95</td> </tr> <tr> <td>Reproductive</td> <td>2,537.01</td> <td>141.72</td> <td>2,678.73</td> </tr> <tr> <td>Vegetative</td> <td>19,620.60</td> <td>167.48</td> <td>19,788.08</td> </tr> <tr> <td>Seedling</td> <td>27,099.89</td> <td>97.00</td> <td>27,196.89</td> </tr> <tr> <td>Total</td> <td>49,479.45</td> <td>406.20</td> <td>49,885.65</td> </tr> </tbody> </table> <p>Average prevailing price of corn monitored from different trading centers for the month of November, 2020 were as follows:</p> <table border="1" data-bbox="792 1178 1295 1500"> <thead> <tr> <th colspan="2">Yellow Corn</th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td>12.31/Kg.</td> </tr> <tr> <td>Fresh</td> <td>8.28/Kg.</td> </tr> <tr> <th colspan="2">White Flint Corn</th> </tr> <tr> <td>Dry</td> <td>11.00/Kg.</td> </tr> <tr> <td>Fresh</td> <td></td> </tr> <tr> <th colspan="2">Glutinous Corn</th> </tr> <tr> <td>Dry</td> <td>19.00/Kg.</td> </tr> <tr> <td>Fresh</td> <td></td> </tr> </tbody> </table> <p>SCoPSA Techno Demo Project – PLANTING REPORT/CROP STAGES</p> <p>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 : Reproductive Stage (Tasseling) Banana : Fruiting Pineapple : Affected by drought last WS 2020</p>	Corn Type	Area Planted (ha)	Yellow	31,988.47	White	157.00	Total	32,145.47	Stages	Area Planted (ha)			Yellow	White	Total	Maturity	221.95	0.00	221.95	Reproductive	2,537.01	141.72	2,678.73	Vegetative	19,620.60	167.48	19,788.08	Seedling	27,099.89	97.00	27,196.89	Total	49,479.45	406.20	49,885.65	Yellow Corn		Dry	12.31/Kg.	Fresh	8.28/Kg.	White Flint Corn		Dry	11.00/Kg.	Fresh		Glutinous Corn		Dry	19.00/Kg.	Fresh	
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D. Validation and Assessment of Corn Damage Reports from LGUs.

A team validation with OPA, DA-CVRC and affected LGUs on the extent of corn damage due to flooding and eroded seedlings brought by typhoons Rolly and Ulysses

Site 2 : Annanuman, San Pablo, Isabela
 Date of Planting : November 25-26, 2020
 (poor germination due to continuous rain)
 Corn Variety : NK-6410
 Crop Stage
 Corn : Seedling Stage
 Banana : Fruiting
 Pineapple : Affected by drought last WS 2020

Final Corn Damage Report Caused by "Typhoon ROLLY" (November 06, 2020) in the province of Isabela.

1. Total Corn Area Planted	20,827.44
2. Area Affected (has)	1,397.65
Totally Damaged	50.00
Partially Damaged	1,347.65
3. Volume loss (MT)	-
4. Value Loss (P)	4,530,029.85
5. No. of Farmers Affected	811
6. No. of Municipalities/ Cities Affected	7
7. Percent (%) Damaged vs Total Standing Crop	6.71%
GRAND TOTAL VALUE LOSS	4,530,029.85

Final Corn Damage Report Caused by "TYPHOON ULYSSES" (November 19, 2020) in the province of Isabela.

1. Total Corn Area Planted	23,838.76
2. Area Affected (has)	14,058.68
Totally Damaged	5,783.08
Partially Damaged	8,275.60
3. Volume loss (MT)	1,174.38
4. Value Loss (P)	224,405,352.57
5. No. of Farmers Affected	8,269
6. No. of Municipalities/ Cities Affected	30
7. Percent (%) Damaged vs Total Standing Crop	58.97%
GRAND TOTAL VALUE LOSS	224,405,352.57

E. Cash and Food Subsidy Program for Marginal Corn Farmers and Fisherfolks of the Department of Agriculture.

A collaborative program with the Dept. of Agriculture for Marginal Corn Farmers and Fisherfolk from municipalities under 4th to 6th income classification and whose corn areas were limited only to 1.0 ha and below and are not covered to any assistance program from other government agencies.

CASH AND FOOD SUBSIDY PROGRAM ALLOCATION BY MUNICIPALITY

Municipality	Income Class	RSBSA Registered Corn Farmers w/ area of <=1 ha living within 4 th to 6 th class municipalities	No. of Corn Farmer-beneficiaries (subject for validation)
Benito Soliven	4 th	1,425	1,382
Burgos	4 th	182	177
Delfin Albano	4 th	475	461
Gamu	4 th	272	264
Luna	5 th	290	281
Mallig	4 th	100	97
Naguilian	4 th	856	830
Quezon	4 th	104	101
Quirino	4 th	411	399
Reina Mercedes	4 th	683	663
San Guillermo	4 th	1,167	1,132
San Isidro	5 th	22	22
San Manuel	4 th	26	26
Sta. Maria	4 th	529	513
Sto. Tomas	4 th	910	883





Validation of Corn Damage caused by Typhoon Rolly and Ulysses with DA-CVRC staff and concerned LGUs in the province of Isabela on November 3 – 6, and November 16-19, 2020.

PROGRAM/PROJECT/ACTIVITY	PROJECT DESCRIPTION	STATUS/REMARKS/ACCOMPLISHMENT
<p>III. HIGH VALUE COMMERCIAL CROPS DEVELOPMENT PROGRAM</p> <p>A. Operation and Maintenance of Provincial Nursery</p> <p>B. Monitoring of Planting and Harvesting</p> <p>C. Meetings/Trainings and Workshops attended</p>	<p>PLGU initiated. Production of assorted vegetable seedlings for distribution to farmers.</p> <p>PLGU initiated. Production of sexually propagated fruit trees.</p> <p>Data collection on status of planting and harvesting</p>	<p>Produced a total of 52,583 pieces assorted vegetable seedlings. Of which 52,583 were distributed to 42 farmer recipients.</p> <p>Maintenance of produced 1,500 pieces of assorted fruit tree seedlings.</p> <p>Monitored 2,663.09 hectares Planted with assorted vegetable within the whole province with an approximate yield of 29,293.99 metric tons.</p> <ul style="list-style-type: none"> - Validated HVCC Farms for possible damage caused by Typhoon Rolly with a total damaged area of 129.14 hectares and typhoon Ulysses with a total damaged area of 1,155.77 hectares. - Assisted and facilitated in the first General Assembly meeting of the Queen Isabela Mango Producers Cooperative - Travelled to Different municipalities of Isabela to validate the extent of damage caused by typhoon "Ulysses" on High Value Commercial Crops Development Program - Travelled to Cabagan and San Pablo, Isabela to conduct application of Paclobutrazol to Mango Farms as Technology demonstration - Repaired the damaged green house at the new Provincial Plant Nursery to continue the production of assorted vegetable seedlings. - Conducted Land preparation for High Value crop production.

<p>D. Monitoring of Price</p>	<p>PLGU Initiated. Data collection on prevailing market price of assorted vegetables from different commercial trading centers in the province.</p>	<ul style="list-style-type: none"> - Harvested last priming of Pipino applied with different organic fertilizers - Assisted and Facilitated in the Agricultural Machinery Distribution in the Province of Isabela. <p>Average price per kilo of the following vegetables monitored for the month of November 2020.</p> <ul style="list-style-type: none"> • Ampalaya 60.00 • Eggplant 70.00 • Tomato 80.00 • Sitao 45.00 • Squash 30.00 • Pechay 30.00 • Okra 40.00
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Repaired the damaged green house at the new Provincial Plant Nursery to continue the production of assorted vegetable seedlings.



Conducted Land preparation for High Value crop production



Harvested last priming of Pipino applied with different organic fertilizers



Assisted and facilitated in the first General Assembly meeting of the Queen Isabela Mango Producers Cooperative



Assisted and Facilitated in the Agricultural Machinery Distribution in the Province of Isabela





Validated HVCC Farms for possible damage caused by Typhoon Rolly with a total damaged area of 129.14 hectares and typhoon Ulysses with a total damaged area of 1,155.77 hectares.

PROGRAM/PROJECT/ACTIVITY	PROJECT DESCRIPTION	STATUS/REMARKS/ACCOMPLISHMENT
<p>IV. FISHERIES DIVISION</p> <p>1. Operation and Maintenance of San Pablo Freshwater Fish Farm</p> <p>2. Support and Assistance to BFAR Technology Demonstration Project</p> <p>3. Monitoring of production and dispersal of hatcheries provincewide</p> <p>4. Fish Production Report (partial)</p> <p>5. Price Monitoring of Fishery Products (Ilagan, Roxas & Cauayan City)</p> <p>6. Support to other Fishery projects (Permaculture)</p> <p>7. Consolidation of Fishery Losses Report Caused by Flooding (Typhoon Ulysses)</p>	<p>Operation and management of existing fishery facilities to support the province requirements for fish stocks</p> <p>To showcase existing and appropriate technologies in aquaculture</p> <p>To serve as data base on the status of operational fish hatcheries</p> <p>Monthly consolidation of fish production gathered from different municipalities/cities of the province</p> <p>To ensure the availability of basic necessities & prime commodities at reasonable prices</p> <p>Installed one (1) unit Fix type Fishcage Culture Project</p>	<ul style="list-style-type: none"> - Routinary farm activities such as net mending, cleaning of ponds /dikes, feeding of stocks & fingerling distributiion to fisherfolk. - Preparation of terminal/harvest report - Additional 8,966.5 MT partial fish production from the established demo of BFAR-R02 - Tilapia Fingerlings Prod'n – 1,930,000 fingerlings monthly - No. of Fish Hatcheries – 27 - Area of hatcheries – 18.65 - Fishpond Area- 15.302 has.; - Production - 61.422 MT - Fishcage - 0.657 MT - SWIP - 6.925 MT - CBW's - 77.318 MT - Marine - 76.394 MT - Bangus- P160.00-180.00 - Tilapia – P130.00-140.00 - 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 <p>No. of City/ Municipality Affected - 26</p> <p>Area Affected – 181.11</p> <p>No. of Fisherfolk - 916</p> <p>Value (P) of Loss – 60,968,504</p>

8. Assistance to ASF Monitoring Checkpoint	Bio-Security and Surveillance on ASF	<ul style="list-style-type: none"> - No. of fishery personnel involved -1 - No. of hours on duty - 12 days @ 24 hrs/day.
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PROGRAM/PROJECT/ACTIVITY	PROJECT DESCRIPTION	STATUS/REMARKS/ACCOMPLISHMENT
<p>V. AGRICULTURAL ENGINEERING SERVICES</p> <p>1. Establishment of Mechanical Recirculating Dryer in Brgy. Cansan, Cabagan, Brgy. San Fabian, Echague and Brgy. Minanga, San Mariano, Isabela.</p> <p>2. Solar Powered Irrigation System (SPIS)</p>	<p>Grain Drying facilities operated by the Provincial Government of Isabela to help the farmers to increase the quality and add value for the produced.</p> <p>Irrigation system for rice areas and Provincial Nurseries</p>	<ul style="list-style-type: none"> • Agricultural Machinery Testing and Evaluation Center (AMTEC) conducted standard test of the newly installed recirculating mechanical dryer in San Fabian, Echague to determine if it conforms to the Philippine Agricultural Engineering Standards (PAES). Result of the test will be forwarded to the Office of the Provincial Agriculturist (OPA) once it is available. • Purchase Request (PR) of the proposed Solar Powered Irrigation System (SPIS) in Cansan, Cabagan and Ballacayo, San Pablo, Isabela were submitted for approval. • On-going drilling of water source of the SPIS of Provincial Nursery 1 (located near the Provincial Jail).



Unloading of rice samples from a forward truck and loading of samples to the mechanical dryer



Positioning of thermocouples in the furnace ducting chamber (left) and drying bin entry chamber (right).



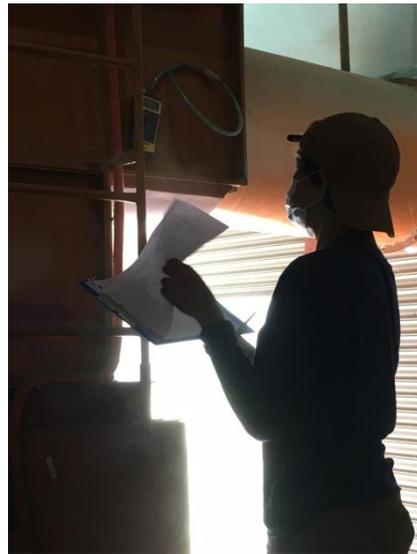
Positioning of thermocouples in the drying chamber (left) and plastic tube in the plenum chamber (right).



Weighing all the rice hull fuel to be use in the testing (left) and initial firing of rice hull fuel in the burning chamber of the furnace (right).



Testing of moisture content of sample (left) and measuring the current use of the dryer (right).



Measuring the temperature in the furnace ducting chamber (left) and static pressure in the dryer plenum (right).



Collecting samples for measuring MC (left) and measuring the air velocity at the blower outlet (right).



Discharging and bagging of dried palay after testing.



Loading of dried palay from the dryer to an elf truck ready for selling.

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: Gamu No. of Clubs: 13 No. of Barangays: 13 Total Membership: 153 Santiago City No. of Clubs: 38 No. of Barangays: 38 Total Membership: 980
2. Livelihood Development Assistance	Livelihood support to RIC(women’s) organization	Monitored existing livelihood projects in the municipality of Benito Soliven, Isa.: 1. Vegetable and water melon production 2. Fruit wine processing - bugnay and calamansi

RIC Benito Soliven –Vegetable production and Fruit Wine Processing.





PROGRAM/PROJECT/ACTIVITY	PROJECT DISCRIPTION	STATUS/REMARKS/ACCOMPLISHMENT
VII. Farm Youth Development Services		
1. Registration/formation and strengthening of 4H Club Organization	Organization, Strengthened and empowerment of Young Farmer towards Agricultural Development	Consolidated submitted registration/enrolment of youth organization 1. Delfin Albano youth Total membership- 15 2. Santiago City Total membership- 91
2. Livelihood Development Assistance	Livelihood support to youth organization	Monitored the existing project on vegetable production of Quirino Youth in Action & Sta. Maria 4H Club members,Sta Maria,Isabela

VEGETABLE PROJECT OF 4H CLUB MEMBERS AT STA. MARIA, ISABELA





VEGETABLE PRODUCTION OF QUIRINO YOUTH IN ACTION



PROGRAM/PROJECT/ACTIVITY	PROJECT DESCRIPTION	STATUS/REMARKS/ACCOMPLISHMENT
VIII. PROVINCIAL AGRICULTURE AND FISHERY COUNCIL (PAFC)	DA collaborative project involving private sector participation as a frontline mechanism in the development processes in agriculture and fisheries	For November 2020 1. Monitoring of AFCs from different City/Municipality in a. the distribution of RCEF assistance. b. RSBSA enrollment c. monitoring of ASF d. Assisted PCAF Staff Ms. Melanie Medrano in the AFC project monitoring in Various Municipalities and City in the province.
IX. GAWAD SAKA	Yearly activity of the Department of Agriculture in recognizing the achievement of farmers in different categories	1. Prepared program for the remaining 6 City/Municipality to be awarded for the Provincial Gawad Saka Awarding for 2020 for December 2020. Plaque of Recognition and a cash award of P25,000.00 for individual Category and P50,000.00 for group category will be given. The City/Municipality will be awarded with plaque of appreciation. The City/Municipal Agriculturist, City/Municipal Agricultural and Fishery Council Chairman and Talent Scout will also receive a Certificate Of Appreciation and a token from the Provincial Government of Isabela

Prepared/Consolidated by:

Original Signed
ALETH Y. PAGULAYAN
Administrative Officer IV

Noted:

Original Signed
MARITES E. FROGOSO, DPA
Provincial Agriculturist