



Commission on Audit
 Regional Office No. III/Stand Alone Agencies
 Consolidated Quarterly Report on Government Projects/Programs/Activities
2017 GAA
 For the 3rd Quarter, CY 2017

Agency/Address	Project/Program/Activity Name	Location	Total Cost	Date Started	No. of Extension	Target Completion Date	Project Status			Remarks
							% Completion	Total Cost Incurred to Date	Total Cost Disbursed to Date	
PHILIPPINE CARABAO CENTER Science City of Munoz Nueva Ecija	A. PROGRAM, GAA									
	I. General Administration and Support									
	a. General Administration & Support Services									
	1. General Management and Supervision	Nueva Ecija	32,785,000.00	Jan. 1, 2017		Dec. 31, 2017	79.60%	26,097,001.06	24,792,151.01	on-going
	Capital Outlay									
	-ICT Equipment,		3,365,000.00	Jan. 1, 2017		Dec. 31, 2017	96.89%	3,260,185.70	-	on-going
	-Office Equipment		150,000.00	Jan. 1, 2017		Dec. 31, 2017	12.10%	18,145.00	-	on-going
	2. Administration of Personnel Benefits		1,927,000.00	Jan. 1, 2017		Dec. 31, 2017	0.00%	-	-	on-going
	II. Support to Operations									
	III. Operations									
	a. Formulation & Monitoring of Policies, Plans & Programs	Nationwide	10,486,000.00	Jan. 1, 2017		Dec. 31, 2017	55.39%	5,808,601.10	5,227,740.99	on-going
b. Production Support Services	Nationwide	225,865,000.00	Jan. 1, 2017		Dec. 31, 2017	71.67%	161,874,740.01	147,240,253.77	on-going	
c. Market Development Services	Nationwide	14,078,000.00	Jan. 1, 2017		Dec. 31, 2017	34.59%	4,869,705.47	4,139,249.65	on-going	
d. Extension Support, Education & Training Services	Nationwide	15,018,000.00	Jan. 1, 2017		Dec. 31, 2017	51.72%	7,767,838.61	6,991,054.75	on-going	
e. Research and Development	Nationwide	106,049,000.00	Jan. 1, 2017		Dec. 31, 2017	72.44%	76,819,944.89	69,137,950.40	on-going	
Capital Outlay										
-Other Machinery & Equipment	Nueva Ecija	9,500,000.00	Jan. 1, 2017		Dec. 31, 2017	34.00%	3,230,000.00		on-going	
TOTAL 2017 GAA			419,223,000.00				69.12%	289,746,161.84	257,528,400.57	

Prepared by:

AIMEE T. FULGENCIO
 Budget Officer

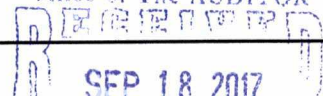
Certified correct:

LIZA G. BATTAD
 Chief, Planning and Information Management Division

Certified correct:

CHERRY PEARL C. RIVERA
 Accountant II

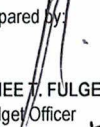
Approved:

ARNEL N. DEL BARRIO
 Executive Director

PHILIPPINE CARABAO CENTER
 Office of The AUDITOR

SEP 18 2017


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Agency/Address	Project/Program/Activity Name	Location	Total Cost	Date Started	No. of Extension	Target Completion Date	Project Status			Remarks
							% Completion	Total Cost Incurred to Date	Total Cost Disbursed to Date	
PHILIPPINE CARABAO CENTER Science City of Munoz Nueva Ecija	A. PROGRAM, GAA									
	I. General Administration and Support									
	a. General Administration & Support Services									
	1. General Management and Supervision	Nueva Ecija	72,758.55	Jan. 1, 2017		Dec. 31, 2017	100.00%	72,758.55	71,333.87	completed <i>pas</i>
	Capital Outlay									
	-ICT Equipment,		1,860.00	Jan. 1, 2017		Dec. 31, 2017	0.00%	-	-	on-going
	-Office Equipment		6,954.44	Jan. 1, 2017		Dec. 31, 2017	0.00%	-	-	on-going
	II. Support to Operations									
	III. Operations									
	a. Formulation & Monitoring of Policies, Plans & Programs	Nationwide	447,778.93	Jan. 1, 2017		Dec. 31, 2017	99.94%	447,499.80	411,699.82	on-going
	b. Production Support Services	Nationwide	275,893.88	Jan. 1, 2017		Dec. 31, 2017	100.00%	275,893.88	253,822.37	completed <i>pas</i>
	Capital Outlay									
	-Other Structure	Nationwide	47,858.69	Jan. 1, 2017		Dec. 31, 2017	0.00%	-	-	on-going
	-Other Machineries & Equipment	Nationwide	2,114,000.00	Jan. 1, 2017		Dec. 31, 2017	99.86%	2,111,100.00	1,273,500.00	on-going
	c. Market Development Services	Nationwide	170,200.54	Jan. 1, 2017		Dec. 31, 2017	100.00%	170,200.54	161,690.51	completed <i>pas</i>
d. Extension Support, Education & Training Services	Nationwide	492,207.65	Jan. 1, 2017		Dec. 31, 2017	100.00%	492,207.62	442,986.86	completed <i>pas</i>	
e. Research and Development	Nationwide	3,130,320.36	Jan. 1, 2017		Dec. 31, 2017	79.52%	2,489,109.02	2,245,043.42	on-going	
Capital Outlay										
-Technical & Scientific equipment	Nueva Ecija	321,201.11	Jan. 1, 2017		Dec. 31, 2017	97.27%	312,428.57	-	on-going	
-Computer Software	Nueva Ecija	604.67	Jan. 1, 2017		Dec. 31, 2017	0.00%	-	-	on-going	
TOTAL 2016 GAA-Continuing Appropriation			7,081,638.82				89.97%	6,371,197.98	4,860,076.85	

Prepared by:

AIMEE T. FULGENCIO
 Budget Officer *pas*

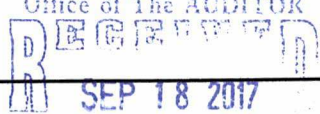

Certified correct:

LIZA G. BATTAD
 Chief, Planning and Information Management Division

Certified correct:

CHERRY PEARL C. RIVERA
 Accountant II

Approved:

ARNEL N. DEL BARRIO
 Executive Director

PHILIPPINE CARABAO CENTER
 Office of The AUDITOR

 SEP 18 2017


PROJECTS
For the 3rd Quarter, CY 2017

Agency/Address	Project/Program/Activity Name	Location	Total Cost	Date Started	No. of Extension	Target Completion Date	Project Status			Remarks
							% Completion	Total Cost Incurred to Date	Total Cost Disbursed to Date	
PHILIPPINE CARABAO CENTER Science City of Muñoz Nueva Ecija	B. PROJECTS									
	1. LOCALLY FUNDED PROJECT									
	1.1 PCAARRD funded projects:									
	<i>Genomics & Bioinformatics</i>									
	a. Application of Genomic Information in Dairy Buffalo Breeding Program "Genotyping the Phil. Water Buffaloes Using Medium Density 90K Buffalo SNP Panel"	Nationwide	18,797,981.00	Feb. 1, 2015		Jan. 31, 2018	85.22%	16,019,628.55	15,580,274.99	on-going
	b. Utilization of DNA Marker Selection in Breeder and Commercial Swine Farm Units.	Nationwide	4,998,389.00	Oct. 1, 2016		Sep. 30, 2018	13.83%	691,186.95	596,232.04	on-going
	<i>Productions System and Nutrition, and Others</i>									
	c. Enhancing Milk Production of Water Buffaloes Through S & T Interventions									
	<i>Production System & Nutrition</i>									
	1. Development of Feeding Protocols and Practices to Support the Nutrition Requirement of Dairy Buffaloes	Nueva Ecija & San Agustin, Isabela	12,124,986.00	Feb. 1, 2016		Jan. 31, 2019	53.90%	6,535,135.07	4,688,927.00	on-going
<i>Reproduction & Physiology</i>										
2. Development of Reproductive Management Program for Increased Efficiency of AI in Dairy Buffaloes	Nueva Ecija & San Agustin, Isabela	22,418,650.00	Feb. 1, 2016		Jan. 31, 2019	47.88%	10,734,939.94	8,069,543.24	on-going	
<i>Biosafety and Environment</i>										
3. Development of Health Care Technologies and Practical Farm Practices in Support of Increasing Buffalo Milk Production	Nueva Ecija & San Agustin, Isabela	10,695,839.00	Feb. 1, 2016		Jan. 31, 2019	42.54%	4,550,069.72	3,761,272.96	on-going	
<i>Product Development (Milk Processing Plant)</i>										
4. Milk Quality and Safety Assurance from Farm to Milk Processing Plant	Nueva Ecija & San Agustin, Isabela	9,222,390.00	Feb. 1, 2016		Jan. 31, 2019	68.12%	6,281,938.87	5,954,323.13	on-going	
<i>Carabao Based Enterprise Development (CBED)</i>										
5. Strengthening San Agustin Crossbred Carabao-Based Enterprise Development (CBED) Model	San Agustin, Isabela	9,523,234.00	Feb. 1, 2016		Jan. 31, 2019	55.68%	5,302,420.49	4,843,190.78	on-going	
<i>Reproduction & Physiology and Carabao-Based Enterprises</i>										
d. Establishment of Dairy Cattle Foundation Breeder Herd thru ET Using Imported Pedigreed Frozen Embryos.	Nationwide	1,855,226.90	Oct. 1, 2016		Sep. 30, 2018	10.00%	10,870.00	10,870.00	on-going	
<i>National Impact Zone and Business Development and Commercialization</i>										
e. Enhancing the Buffalo Milk Production thru Philippine Carabao Center's NIZ Strategy.	Nueva Ecija	400,000.00	Oct. 1, 2016		Dec. 31, 2017	73.97%	295,860.00	295,860.00	on-going/with approved request of extension.	
Sub-Total			90,036,695.90				56.00%	50,422,049.59	43,800,494.14	

Prepared by:

AIMEE T. FULGENCIO
Budget Officer

Certified correct:

ANNABELLE S. SARABIA
Chief, Research and Development Division

Certified correct:

CHERRY PEARL C. RIVERA
Accountant II

Approved:

ARNEL N. DEL BARRIO
Executive Director

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For the 3rd Quarter, CY 2017

Agency/Address	Project/Program/Activity Name	Location	Total Cost	Date Started	No. of Extension	Target Completion Date	Project Status			Remarks
							% Completion	Total Cost Incurred to Date	Total Cost Disbursed to Date	
PHILIPPINE CARABAO CENTER Science City of Muñoz Nueva Ecija	1.2 Department of Agriculture (DA) funded project									
	1.2.1 Biotechnology Projects									
	a.Department of Agriculture (DA) - BAR									
	Reproduction & Physiology									
	1. Epididymal Sperm Cryopreservation as a Tool for the Conservation In Vitro of Indigenous Livestock and/or Endangered Wildlife in the Country:Prospects for Animal Genetic Resource (AnGr) Cryobanking	Nueva Ecija	2,173,000.00	Oct 09, 2015	2	Sept. 30, 2017	100.00%	2,089,434.66	1,935,798.71	completed/ Unexpended Balances to be returned to DA-BPO.
	Production System & Nutrition									
	2. Nutritive Value, Digestibility and Performance of Buffaloes using Banana By-Products and Water Lily as Alternative Feed Sources	Nationwide	4,218,032.60	April 1, 2017		March 31, 2018	9.25%	390,057.17	96,525.75	on-going
	b.Department of Agriculture (DA) - BAR through the DA Biotech Program (LBC)									
	Biosafety and Environment									
	1. Operationalization of Livestock Biotechnology Center	Nationwide	11,259,192.70	Aug. 6, 2015		Aug. 5, 2018	60.52%	6,814,282.15	8,116,977.29	on-going
2. Development of Loop-Mediated Isothermal Amplification (LAMP) Assay based Test Kit for the detection/Screening of Caprine Arthritis Encephalitis Virus(CAEV)	Nationwide	4,250,617.60	Sept. 11, 2015		Sept. 10, 2017	100.00%	3,323,850.88	2,059,879.05	completed/Unexpended Balances to be returned to DA-PAFBP.	
3. Screening of Sperm-Factor (Phospholipase C-zeta) by Molecular Technique as a Novel Biomarker of Bull Fertility for Genetic Improvement in Water Buffaloes	Nueva Ecija	5,186,650.00	Oct. 30, 2014	2	Dec. 31, 2017	94.09%	4,880,369.36	4,651,327.76	on-going/with approved extension of the project.	
4. Gene Expression Analysis and Detection of Heat Shock Protein (HSP70) and its Correlation with Buffalo Semen Quality and Seasonal Variation.	Nueva Ecija	5,305,200.00	Jan. 14, 2016		Jan 13, 2018	67.05%	3,556,986.44	2,871,212.19	on-going	
Reproduction & Physiology and National Impact Zone										
5. Improving Artificial Insemination Efficiencies Using Fertility Indexed Bulls Selected by Fourier Harmonic Analysis and Screened From Environmental Instabilities	Nueva Ecija	7,801,309.20	Nov. 1, 2014		Oct 30, 2018	75.36%	5,878,768.52	5,285,956.93	on-going	
Animal Genetic Resources Conservation and Utilization (Cryobanking)										
6. Genetic Diversity of the Philippine Carabao Using mtDNA (COI) and Microsatellite Markers (FAO STRs)	Nationwide	10,896,482.00	Oct 14, 2015		Oct 13, 2018	59.17%	6,447,598.56	5,649,674.22	on-going	
1.2.2 DA - Philippine Center for Postharvest Development and Mechanization (PHILMech)										
Product Development (Milk Processing Plant)										
1. Formulation and Development of PhilMech Mango Prectin-based Food Products	Nueva Ecija	200,000.00	Jan. 1, 2017		Dec. 31, 2017	5.75%	11,502.00	11,502.00	on-going	
	Sub-Total		51,290,484.10				65.11%	33,392,849.74	30,678,853.90	
	Grand Total		141,327,180.00				59.31%	83,814,899.33	74,479,348.04	

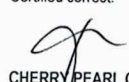
Prepared by:

AIMEE T. FULGENCIO
Budget Officer

Certified correct:


ANNABELLE S. SARABIA
Chief, Research and Development Division

Certified correct:


CHERRY PEARL C. RIVERA
Accountant II

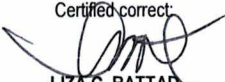


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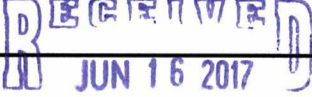

ARNEL N. DEL BARRIO
Executive Director

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
Agency/Address	Project/Program/Activity Name	Location	Total Cost	Date Started	No. of Extension	Target Completion Date	Project Status			Remarks
							% Completion	Total Cost Incurred to Date	Total Cost Disbursed to Date	
PHILIPPINE CARABAO CENTER Science City of Munoz Nueva Ecija	A. PROGRAM, GAA									
	I. General Administration and Support									
	a. General Administration & Support Services									
	1. General Management and Supervision	Nueva Ecija	32,785,000.00	Jan. 1, 2017		Dec. 31, 2017	47.22%	15,480,633.78	14,769,354.33	on-going
	Capital Outlay									
	-ICT Equipment,		3,365,000.00	Jan. 1, 2017		Dec. 31, 2017	87.98%	2,960,385.70		on-going
	-Office Equipment		150,000.00	Jan. 1, 2017		Dec. 31, 2017				on-going
	2. Administration of Personnel Benefits		1,927,000.00	Jan. 1, 2017		Dec. 31, 2017				on-going
	II. Support to Operations									
	III. Operations									
	a. Formulation & Monitoring of Policies, Plans & Programs	Nationwide	10,486,000.00	Jan. 1, 2017		Dec. 31, 2017	28.79%	3,019,440.66	2,415,552.53	on-going
b. Production Support Services	Nationwide	225,865,000.00	Jan. 1, 2017		Dec. 31, 2017	56.42%	127,426,807.62	99,392,909.94	on-going	
c. Market Development Services	Nationwide	14,078,000.00	Jan. 1, 2017		Dec. 31, 2017	26.00%	3,082,289.75	2,465,831.80	on-going	
d. Extension Support, Education & Training Services	Nationwide	15,018,000.00	Jan. 1, 2017		Dec. 31, 2017	26.68%	4,006,080.52	3,204,864.42	on-going	
e. Research and Development	Nationwide	106,049,000.00	Jan. 1, 2017		Dec. 31, 2017	44.00%	46,665,202.13	30,332,381.38	on-going	
Capital Outlay										
-Other Machinery & Equipment	Nueva Ecija	9,500,000.00	Jan. 1, 2017		Dec. 31, 2017	31.26%	2,970,000.00		on-going	
TOTAL 2017 GAA			419,223,000.00				34.83%	205,610,840.16	152,580,894.40	

Prepared by: AIMEE T. FULGENCIO Budget Officer	Certified correct:  LIZA G. BATTAD Chief, Planning and Information Management Division	Certified correct:  CHERRY PEARL C. RIVERA Accountant II	Approved:  ARNEL N. DEL BARRIO Executive Director
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PHILIPPINE CARABAO CENTER
Office of The AUDITOR

 JUN 16 2017


BY: 

Agency/Address	Project/Program/Activity Name	Location	Total Cost	Date Started	No. of Extension	Target Completion Date	Project Status			Remarks
							% Completion	Total Cost Incurred to Date	Total Cost Disbursed to Date	
PHILIPPINE CARABAO CENTER Science City of Munoz Nueva Ecija	A. PROGRAM, GAA									
	I. General Administration and Support									
	a. General Administration & Support Services									
	1. General Management and Supervision	Nueva Ecija	72,758.55	Jan. 1, 2017		Dec. 31, 2017	99.58%	72,449.47	71,333.87	on-going
	Capital Outlay									
	-ICT Equipment,		1,860.00	Jan. 1, 2017		Dec. 31, 2017				on-going
	-Office Equipment		6,954.44	Jan. 1, 2017		Dec. 31, 2017				on-going
	II. Support to Operations									
	III. Operations									
	a. Formulation & Monitoring of Policies, Plans & Programs	Nationwide	447,778.93	Jan. 1, 2017		Dec. 31, 2017				on-going
	b. Production Support Services	Nationwide	275,893.88	Jan. 1, 2017		Dec. 31, 2017	94.19%	259,875.62	131,275.62	on-going
	Capital Outlay									
	-Other Structure	Nationwide	47,858.69	Jan. 1, 2017		Dec. 31, 2017				on-going
	-Other Machineries & Equipment	Nationwide	2,114,000.00	Jan. 1, 2017		Dec. 31, 2017	70.32%	1,486,500.00		on-going
c. Market Development Services	Nationwide	170,200.54	Jan. 1, 2017		Dec. 31, 2017	8.68%	14,775.00	14,775.00	on-going	
d. Extension Support, Education & Training Services	Nationwide	492,207.65	Jan. 1, 2017		Dec. 31, 2017	60.51%	297,820.00	208,474.00	on-going	
e. Research and Development	Nationwide	3,130,320.36	Jan. 1, 2017		Dec. 31, 2017	54.73%	1,713,250.10	708,600.06	on-going	
Capital Outlay										
-Technical & Scientific equipment	Nueva Ecija	321,201.11	Jan. 1, 2017		Dec. 31, 2017	67.99%	218,400.00		on-going	
-Computer Software	Nueva Ecija	604.67	Jan. 1, 2017		Dec. 31, 2017				on-going	
TOTAL 2016 GAA-Continuing Appropriation			7,081,638.82				38.00%	4,063,070.19	1,134,458.55	

Prepared by:

AIMEE T. FULGENCIO
 Budget Officer

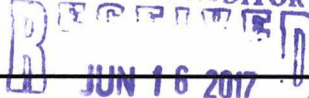
Certified correct:

LIZA G. BATTAD
 Chief, Planning and Information Management Division

Certified correct:

CHERRY PEARL C. RIVERA
 Accountant II

Approved:

ARNEL N. DEL BARRIO
 Executive Director

PHILIPPINE CARABAO CENTER
 Office of the AUDITOR

JUN 16 2017

BY: 

Commission on Audit
 Regional Office No. III/Stand Alone Agencies
 Consolidated Quarterly Report on Government Projects/Programs/Activities

PROJECTS

For the 2nd Quarter, CY 2017

Agency/Address	Project/Program/Activity Name	Location	Total Cost	Date Started	No. of Extension	Target Completion Date	Project Status			Remarks
							% Completion	Total Cost Incurred to Date	Total Cost Disbursed to Date	
PHILIPPINE CARABAO CENTER Science City of Muñoz Nueva Ecija	B. PROJECTS									
	1. LOCALLY FUNDED PROJECT									
	1.1 PCAARRD funded projects:									
	<i>Genomics & Bioinformatics</i>									
	a. Application of Genomic Information in Dairy Buffalo Breeding Program "Genotyping the Phil. Water Buffaloes Using Medium Density 90K Buffalo SNP Panel"	Nationwide	18,797,981.00	Dec. 1, 2014		Nov. 30, 2017	83.47%	15,690,376.85	14,455,250.15	on-going
	b. Utilization of DNA Marker Selection in Breeder and Commercial Swine Farm Units.	Nationwide	4,998,389.00	Oct. 1, 2016		Sep. 30, 2018	10.38%	518,633.62	294,647.73	on-going
	<i>Productions System and Nutrition, and Others</i>									
	c. Enhancing Milk Production of Water Buffaloes Through S & T Interventions									
	<i>Production System & Nutrition</i>									
	1. Development of Feeding Protocols and Practices to Support the Nutrition Requirement of Dairy Buffaloes	Nueva Ecija & San Agustin, Isabela	12,124,986.00	Feb. 1, 2016		Jan. 31, 2019	49.00%	5,940,799.51	4,064,426.69	on-going
	<i>Reproduction & Physiology</i>									
	2. Development of Reproductive Management Program for Increased Efficiency of AI in Dairy Buffaloes	Nueva Ecija & San Agustin, Isabela	22,418,650.00	Feb. 1, 2016		Jan. 31, 2019	35.00%	7,566,791.50	7,418,607.75	on-going
<i>Biosafety and Environment</i>										
3. Development of Health Care Technologies and Practical Farm Practices in Support of Increasing Buffalo Milk Production	Nueva Ecija & San Agustin, Isabela	10,695,839.00	Feb. 1, 2016		Jan. 31, 2019	40.00%	3,629,508.93	3,024,543.86	on-going	
<i>Product Development (Milk Processing Plant)</i>										
4. Milk Quality and Safety Assurance from Farm to Milk Processing Plant	Nueva Ecija & San Agustin, Isabela	9,222,390.00	Feb. 1, 2016		Jan. 31, 2019	63.70%	5,874,632.33	5,162,396.65	on-going	
<i>Carabao Based Enterprise Development (CBED)</i>										
5. Strengthening San Agustin Crossbred Carabao-Based Enterprise Development (CBED) Model	San Agustin, Isabela	9,523,234.00	Feb. 1, 2016		Jan. 31, 2019	47.78%	4,550,485.91	3,701,139.15	on-going	
<i>Reproduction & Physiology and Carabao-Based Enterprises</i>										
d. Strengthening Institutional R&D Capability to Improve Reproductive Efficiency, Milk Quality and Safety in Water Buffaloes.	Nueva Ecija & San Agustin, Isabela	10,730,000.00	July 1, 2016		June 30, 2017	100.00%	10,579,521.60	10,579,521.60	completed/unexpended balance to be returned to PCAARRD.	
<i>National Impact Zone and Business Development and Commercialization</i>										
e. Establishment of Dairy Cattle Foundation Breeder Herd thru ET Using Imported Pedigreed Frozen Embryos.	Nationwide	1,855,226.90	Oct. 1, 2016		Sep. 30, 2018	10.00%	-	-	on-going	
<i>National Impact Zone and Business Development and Commercialization</i>										
f. Enhancing the Buffalo Milk Production thru Philippine Carabao Center's NIZ Strategy.	Nueva Ecija	400,000.00	Oct. 1, 2016		Sep. 30, 2017	50.42%	201,695.00	197,370.00	on-going	
Sub-Total			100,766,695.90				48.97%	54,552,445.25		

Prepared by:

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Accountant II

Approved:

ARNEL N. DEL BARRIO
Executive Director

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Commission on Audit
 Regional Office No. III/Stand Alone Agencies
 Consolidated Quarterly Report on Government Projects/Programs/Activities
PROJECTS
 For the 2nd Quarter, CY 2017

Agency/Address	Project/Program/Activity Name	Location	Total Cost	Date Started	No. of Extension	Target Completion Date	Project Status			Remarks
							% Completion	Total Cost Incurred to Date	Total Cost Disbursed to Date	
PHILIPPINE CARABAO CENTER Science City of Muñoz Nueva Ecija	1.2 Department of Agriculture (DA) funded project									
	1.2.1 Biotechnology Projects									
	a.Department of Agriculture (DA) - BAR									
	Reproduction & Physiology									
	1. Epididymal Sperm Cryopreservation as a Tool for the Conservation In Vitro of Indigenous Livestock and/or Endangered Wildlife in the Country:Prospects for Animal Genetic Resource (AnGr) Cryobanking	Nueva Ecija	2,173,000.00	Oct 09, 2015	2	Sept. 30, 2017	85.69%	1,862,115.56	1,532,695.61	on-going
	Production System & Nutrition									
	2. Nutritive Value, Digestibility and Performance of Buffaloes using Banana By-Products and Water Lily as Alternative Feed Sources	Nationwide	4,218,032.60	April 1, 2017		March 31, 2018	4.29%	181,060.76	-	on-going/New Project.
	b.Department of Agriculture (DA) - BAR through the DA Biotech Program (LBC)									
	Biosafety and Environment									
	1. Operationalization of Livestock Biotechnology Center	Nationwide	11,259,192.70	Aug. 6, 2015		Aug. 5, 2018	51.47%	5,795,212.44	4,993,971.18	on-going
2. Development of Loop-Mediated Isothermal Amplification (LAMP) Assay based Test Kit for the detection/Screening of Caprine Arthritis Encephalitis Virus(CAEV)	Nationwide	4,250,617.60	Sept. 11, 2015		Sept. 10, 2017	80.00%	2,804,531.62	1,835,787.94	on-going	
3. Screening of Sperm-Factor (Phospholipase C-zeta) by Molecular Technique as a Novel Biomarker of Bull Fertility for Genetic Improvement in Water Buffaloes	Nueva Ecija	5,186,650.00	Nov. 1, 2014	1	June 30, 2017	87.41%	4,533,688.65	4,352,048.47	on-going/with request of extension.	
4. Gene Expression Analysis and Detection of Heat Shock Protein (HSP70) and its Correlation with Buffalo Semen Quality and Seasonal Variation.	Nueva Ecija	5,305,200.00	Jan. 14, 2016		Jan 13, 2018	57.40%	3,045,254.35	2,546,815.68	on-going	
Reproduction & Physiology and National Impact Zone										
5. Improving Artificial Insemination Efficiencies Using Fertility Indexed Bulls Selected by Fourier Harmonic Analysis and Screened From Environmental Instabilities	Nueva Ecija	7,801,309.20	Nov. 1, 2014		Oct 30, 2018	65.00%	4,824,989.78	4,822,534.71	on-going	
Animal Genetic Resources Conservation and Utilization (Cryobanking)										
6. Genetic Diversity of the Philippine Carabao Using mtDNA (COI) and Microsatellite Markers (FAO STRs)	Nationwide	10,896,482.00	Oct 14, 2015		Oct 13, 2018	50.77%	5,532,207.93	3,199,151.94	on-going	
1.2.2 DA - Philippine Center for Postharvest Development and Mechanization (PHILMech)										
Product Development (Milk Processing Plant)										
1. Formulation and Development of PhilMech Mango Prectin-based Food Products	Nueva Ecija	200,000.00	Jan. 1, 2017		Dec. 31, 2017	5.00%	-	-	on-going	
1.3 Department of Social Welfare and Development (DSWD) funded project										
1. Pilot Test on Milk Supplementation for Supplementary Feeding Program Children Beneficiaries	Nationwide	13,324,080.00	Nov. 28, 2016		May 31, 2017	100.00%	1,210,680.00 9,663,720.00 2,180,640.00	1,089,612.00 9,663,720.00 2,180,640.00	Completed/Unexpended balance of P269,040.00 to be returned to DSWD. Completed/Fund transferred to CMU. Completed/Fund transferred to USF.	
	Sub-Total		64,614,564.10				58.70%	41,634,101.09		
	Grand Total		165,381,260.00				53.84%	96,186,546.34		

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Agency/Address	Project/Program/Activity Name	Location	Total Cost	Date Started	No. of Extension	Target Completion Date	Project Status		Remarks
							% Completion	Total Cost Incurred to Date	
PHILIPPINE CARABAO CENTER Science City of Munoz Nueva Ecija	A. PROGRAM, GAA								
	I. General Administration and Support								
	a. General Administration & Support Services								
	1. General Management and Supervision	Nueva Ecija	32,785,000.00	Jan. 1, 2017		Dec. 31, 2017	19.00%	8,182,073.89	on-going
	Capital Outlay								
	-ICT Equipment,		3,365,000.00					-	on-going
	-Office Equipment		150,000.00					-	on-going
	2. Administration of Personnel Benefits		1,927,000.00					-	
	II. Support to Operations								
	III. Operations								
	a. Formulation & Monitoring of Policies, Plans & Programs	Nationwide	10,486,000.00	Jan. 1, 2017		Dec. 31, 2017	5.00%	1,622,819.57	on-going
	b. Production Support Services	Nationwide	225,865,000.00	Jan. 1, 2017		Dec. 31, 2017	1.00%	46,249,684.06	on-going
	c. Market Development Services	Nationwide	14,078,000.00	Jan. 1, 2017		Dec. 31, 2017	26.00%	988,996.40	on-going
	d. Extension Support, Education & Training Services	Nationwide	15,018,000.00	Jan. 1, 2017		Dec. 31, 2017	2.00%	1,405,752.17	on-going
	e. Research and Development	Nationwide	106,049,000.00	Jan. 1, 2017		Dec. 31, 2017		15,072,588.54	on-going
Capital Outlay									
-Building	Nueva Ecija	4,800,000.00					4,800,000.00	on-going	
-Other Structure	Cagayan	4,100,000.00					4,100,000.00	on-going	
-Other Machinery & Equipment	Nueva Ecija	9,500,000.00					-	on-going	
TOTAL 2017 GAA			428,123,000.00				4.42%	82,421,914.63	

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JEAN G. GASMENA
 Chief, Administrative & Finance Division

Approved:

ARNEL N. DEL BARRIO
 Acting Executive Director

Agency/Address	Project/Program/Activity Name	Location	Total Cost	Date Started	No. of Extension	Target Completion Date	Project Status		Remarks
							% Completion	Total Cost Incurred to Date	
PHILIPPINE CARABAO CENTER Science City of Munoz Nueva Ecija	A. PROGRAM, GAA								
	I. General Administration and Support								
	a. General Administration & Support Services								
	1. General Management and Supervision	Nueva Ecija	72,758.55	Jan. 1, 2017		Dec. 31, 2017	97.22%	70,733.87	on-going
	Capital Outlay								
	-ICT Equipment,		1,860.00					-	on-going
	-Office Equipment		6,954.44					-	on-going
	II. Support to Operations								
	III. Operations								
	a. Formulation & Monitoring of Policies, Plans & Programs	Nationwide	447,778.93	Jan. 1, 2017		Dec. 31, 2017		-	on-going
	b. Production Support Services	Nationwide	275,893.88	Jan. 1, 2017		Dec. 31, 2017	48.26%	133,136.58	on-going
	Capital Outlay								
	-Other Structure	Nationwide	47,858.69					-	on-going
-Other Machineries & Equipment	Nationwide	2,114,000.00					-	on-going	
c. Market Development Services	Nationwide	170,200.54	Jan. 1, 2017		Dec. 31, 2017	8.68%	14,775.00	on-going	
d. Extension Support, Education & Training Services	Nationwide	492,207.65	Jan. 1, 2017		Dec. 31, 2017	24.83%	122,220.00	on-going	
e. Research and Development	Nationwide	3,130,320.36	Jan. 1, 2017		Dec. 31, 2017	8.53%	267,170.70	on-going	
Capital Outlay									
-Technical & Scientific equipment	Nueva Ecija	321,201.11					-	on-going	
-Computer Software	Nueva Ecija	604.67					-	on-going	
TOTAL 2016 GAA-Continuing Appropriation			7,081,638.82				15.63%	608,036.15	

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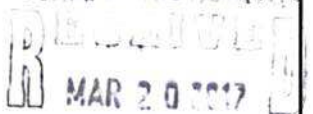
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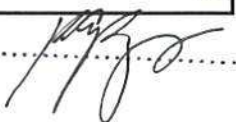

JEAN C. GASMENA
Chief, Administrative & Finance Division

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ARNEL N. DEL BARRIO
Acting Executive Director

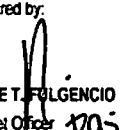
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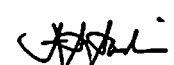

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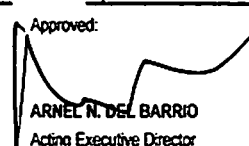
Agency/Address	Project/Program/Activity Name	Location	Total Cost	Date Started	No. of Extension	Target Completion Date	Project Status		Remarks
							% Completion	Total Cost Incurred to Date	
PHILIPPINE CARABAO CENTER Science City of Muñoz Nueva Ecija	B. PROJECTS								
	1. LOCALLY FUNDED PROJECT								
	1.1 PCAARRD funded projects:								
	<i>Genomics & Bioinformatics</i>								
	a. Application of Genomic Information in Dairy Buffalo Breeding Program "Genotyping the Phil. Water Buffaloes Using Medium Density 90K Buffalo SNP Panel"	Nationwide	18,797,981.00	Dec. 1, 2014		Nov. 30, 2017	75.00%	15,153,290.02	on-going
	b. Utilization of DNA Marker Selection in Breeder and Commercial Swine Farm Units.	Nationwide	4,993,389.00	Oct. 1, 2016		Sep. 30, 2018	10.00%	319,087.42	on-going
	<i>Productions System and Nutrition, and Others</i>								
	c. Enhancing Milk Production of Water Buffaloes Through S & T Interventions								
	<i>Production System & Nutrition</i>								
	1. Development of Feeding Protocols and Practices to Support the Nutrition Requirement of Dairy Buffaloes	Nueva Ecija & San Agustin, Isabela	12,124,986.00	Feb. 1, 2016		Jan. 31, 2019	33.00%	5,698,830.56	on-going
	<i>Reproduction & Physiology</i>								
2. Development of Reproductive Management Program for Increased Efficiency of AI in Dairy Buffaloes	Nueva Ecija & San Agustin, Isabela	22,418,650.00	Feb. 1, 2016		Jan. 31, 2019	35.00%	7,277,657.99	on-going	
<i>Biosafety and Environment</i>									
3. Development of Health Care Technologies and Practical Farm Practices in Support of Increasing Buffalo Milk Production	Nueva Ecija & San Agustin, Isabela	10,695,839.00	Feb. 1, 2016		Jan. 31, 2019	40.00%	3,305,253.88	on-going	
<i>Product Development (Milk Processing Plant)</i>									
4. Milk Quality and Safety Assurance from Farm to Milk Processing Plant	Nueva Ecija & San Agustin, Isabela	9,222,390.00	Feb. 1, 2016		Jan. 31, 2019	31.67%	5,610,859.58	on-going	
<i>Carabao Based Enterprise Development (CBED)</i>									
5. Strengthening San Agustin Crossbred Carabao-Based Enterprise Development (CBED) Model	San Agustin, Isabela	9,523,234.00	Feb. 1, 2016		Jan. 31, 2019	34.00%	4,114,797.81	on-going	
<i>Reproduction & Physiology and Carabao-Based Enterprises</i>									
d. Strengthening Institutional R&D Capability to Improve Reproductive Efficiency, Milk Quality and Safety in Water Buffaloes.	Nueva Ecija & San Agustin, Isabela	10,730,000.00	July 1, 2016		June 30, 2017	80.00%	10,579,521.60	on-going	
<i>Socio-Economics and Policy</i>									
e. Establishment of Dairy Cattle Foundation Breeder Herd thru ET Using Imported Pedigreed Frozen Embryos.	Nationwide	1,855,226.90	Oct. 1, 2016		Sep. 30, 2018	10.00%	-	on-going	
f. Enhancing the Buffalo Milk Production thru Philippine Carabao Center's NIZ Strategy.	Nueva Ecija	400,000.00	Oct. 1, 2016		Sep. 30, 2017	40.00%	153,570.00	on-going	
Sub-Total			100,766,695.90				38.87%	52,212,868.86	

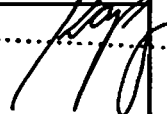
PHILIPPINE CARABAO CENTER
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
Certified correct:  JERN G. GASMEÑA
 Chief, Administrative, Financial and Management Division


Approved:  ARNEL N. DEL BARRIO
 Acting Executive Director


BY: 

Agency/Address	Project/Program/Activity Name	Location	Total Cost	Date Started	No. of Extension	Target Completion Date	Project Status		Remarks
							% Completion	Total Cost Incurred to Date	
PHILIPPINE CARABAO CENTER Science City of Muñoz Nueva Ecija	1.2 Department of Agriculture (DA) funded project								
	1.2.1 Biotechnology Projects								
	a. Department of Agriculture (DA) - BAR								
	Reproduction & Physiology								
	1. Epididymal Sperm Cryopreservation as a Tool for the Conservation In Vitro of Indigenous Livestock and/or Endangered Wildlife in the Country. Prospects for Animal Genetic Resource (AnGr) Cryobanking	Nueva Ecija	2,173,000.00	Oct 09, 2015		March 31, 2017	75.00%	1,237,613.47	on-going/re questing for extension of the project.
	b. Department of Agriculture (DA) - BAR through the DA Biotech Program (LBC)								
	Biosafety and Environment								
	1. Operationalization of Livestock Biotechnology Center	Nationwide	11,259,192.70	Aug. 6, 2015		Aug. 5, 2018	46.00%	5,243,708.60	on-going/The reported percentage of completion in the previous quarter was based on the yearly target activities of the project.
	2. Development of Loop-Mediated Isothermal Amplification (LAMP) Assay based Test Kit for the detection/Screening of Caprine Arthritis Encephalitis Virus(CAEV)	Nationwide	4,250,617.60	Sept. 11, 2015		Sept. 10, 2017	80.00%	2,704,021.62	on-going
	3. Screening of Sperm-Factor (Phospholipase C-zeta) by Molecular Technique as a Novel Biomarker of Bull Fertility for Genetic Improvement in Water Buffaloes	Nueva Ecija	5,186,650.00	Nov. 1, 2014		June 30, 2017	85.00%	4,434,301.47	on-going
4. Gene Expression Analysis and Detection of Heat Shock Protein (HSP70) and its Correlation with Buffalo Semen Quality and Seasonal Variation.	Nueva Ecija	5,305,200.00	Jan. 14, 2016		Jan 13, 2018	45.00%	2,244,788.35	on-going	
Reproduction & Physiology and National Impact Zone									
5. Improving Artificial Insemination Efficiencies Using Fertility Indexed Bulls Selected by Fourier Harmonic Analysis and Screened From Environmental Instabilities	Nueva Ecija	7,801,309.20	Nov. 1, 2014		Oct 30, 2018	65.00%	4,107,537.01	on-going	
Animal Genetic Resources Conservation and Utilization (Cryobanking)									
6. Genetic Diversity of the Philippine Carabao Using mtDNA (COI) and Microsatellite Markers (FAO STRs)	Nationwide	10,896,482.00	Oct 14, 2015		Oct 13, 2018	46.30%	5,532,207.93	on-going	
1.2.2 DA - Philippine Center for Postharvest Development and Mechanization (PHILMech)									
Product Development (Milk Processing Plant)									
1. Formulation and Development of PhilMech Mango Preclin-based Food Products	Nueva Ecija	200,000.00	Jan. 1, 2017		Dec. 31, 2017	5.00%	-	on-going	
1.3 Department of Social Welfare and Development (DSWD) funded project									
1. Pilot Test on Milk Supplementation for Supplementary Feeding Program Children Beneficiaries	Nationwide	13,324,080.00	Nov. 28, 2016		May 31, 2017	40.44%	13,055,040.00	on-going	
	Sub-Total		60,396,531.50			54.19%	38,539,296.45		
	Grand Total		161,163,227.40			46.53%	99,772,087.31		

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