

PMR Operational Report

Operation Number	SU-L1020	Chief of Operations Validation Date	10/21/19
Year- PMR Cycle	First period Jan-Jun 2019	Division Chief Validation Date	
Last Update	10/15/19	Country Representative Validation Date	
PMR Validation Stage	Validated by Chief of Operations		

Basic Data

Operation Profile

Operation Name	Agricultural Competitiveness Program	Loan Number	4097/OC-SU
Executing Agency	MINISTRY OF AGRICULTURE HUSBANDRY, FISHERIES AND FORESTRY	Sector/Subsector	AG-SAN - AGRICULTURE AND RURAL DEVELOPMENT-AGRICULTURAL HEALTH AND FOOD SAFETY
Team Leader	COLLINS, MICHAEL I.	Overall Stage	Disbursing (From eligibility until all the Operations are closed)
Operation Type	Loan Operation	Country	SURINAME
Lending Instrument	Investment Loan	Convergence related Operation(s)	
Borrower	REPUBLIC OF SURINAME		

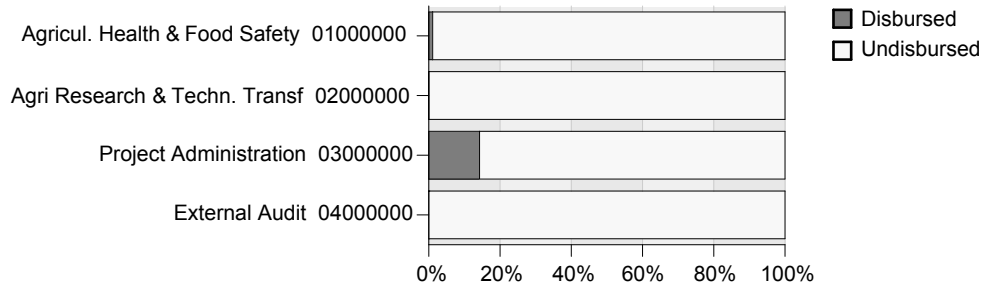
Environmental and Social Safeguards

Impacts Category	B	Was/Were the objective(s) of this operation reformulated?	NO
Safeguard Performance Rating		Date of approval	
Safeguard Performance Rating - Rationale			

Financial Data

Item	Total Cost and Source					Available Funds (US\$)			
	Original IDB	Current IDB	Local Counterpart	Co-Financing / Country	Total Original Cost	Current IDB	Disb. Amount to Date	% Disb	Undisbursed Amount
SU-L1020	17,500,000	17,500,000	0	0	17,500,000	17,500,000	1,150,000	6.57%	16,350,000
Aggregated	17,500,000	17,500,000	0	0	17,500,000	17,500,000	1,150,000	6.57%	16,350,000

Expense Categories by Loan Contract (cumulative values)



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RESULTS MATRIX

IMPACTS

Impact Nbr. 0: Increase in agricultural revenue

Observation: The baseline corresponds to a representative group of open field vegetables that will be targeted by the program. The baseline will be re-estimated when the impact evaluation's baseline data is collected using farmers' surveys. The target refers to program beneficiaries.

Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
0.0	Value of production per hectare of open field vegetables	SRD	69,336.00	2014	P	77,906.00	77,906.00
					P(a)	77,906.00	77,906.00
					A		

Details

Means of verification: Impact evaluation and LVV reports.

Pro-Gender No **Pro-Ethnicity** No

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IMPACTS

Impact Nbr. 1: Increase in agricultural productivity

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
1.0	Yields of long yard bean	tons/ha	14.00	2014	P	16.10	16.10
					P(a)	16.10	16.10
					A		

Details

Means of verification: Impact evaluation and LVV reports.

Pro-Gender No **Pro-Ethnicity** No

Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
1.1	Yields of oranges	Tons/ha	13.20	2014	P	15.20	15.20
					P(a)	15.20	15.20
					A		

Details

Means of verification: Impact evaluation and LVV reports.

Pro-Gender No **Pro-Ethnicity** No

Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
1.2	Yields of passionfruit	Tons/ha	15.40	2014	P	17.70	17.70
					P(a)	17.70	17.70
					A		

Details

Means of verification: Impact evaluation and LVV reports.

Pro-Gender No **Pro-Ethnicity** No

Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
1.3	Yields of rice	Tons/ha	4.40	2014	P	4.60	4.60
					P(a)	4.60	4.60
					A		

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IMPACTS

Details

Means of verification: Impact evaluation and LVV reports.

Pro-Gender No **Pro-Ethnicity** No

Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
1.4	Average weight of slaughtered pigs	Kgs	71.50	2014	P	78.70	78.70
					P(a)	78.70	78.70
					A		

Details

Means of verification: Impact evaluation and LVV reports.

Pro-Gender No **Pro-Ethnicity** No

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IMPACTS

Impact Nbr. 2: Increase in agricultural exports

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
2.0	Quantity of rice exports	Tons	103,755.00	2014	P	114,131.00	114,131.00
					P(a)	114,131.00	114,131.00
					A		

Details

Means of verification: LVV reports (Agricultural Statistics).

Pro-Gender No **Pro-Ethnicity** No

Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
2.1	Quantity of banana exports	Tons	75,261.00	2014	P	82,787.00	82,787.00
					P(a)	82,787.00	82,787.00
					A		

Details

Means of verification: LVV reports (Agricultural Statistics).

Pro-Gender No **Pro-Ethnicity** No

Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
2.2	Quantity of vegetable exports	Tons	4,746.00	2014	P	5,221.00	5,221.00
					P(a)	5,221.00	5,221.00
					A		

Details

Means of verification: LVV reports (Agricultural Statistics).

Pro-Gender No **Pro-Ethnicity** No

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IMPACTS

Impact Nbr. 3: Increase in competitiveness

Observation: Baseline reflects the average position Suriname obtained in the ranking, out of 178 countries. Baseline is average of 2011-2015

Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
3.0	Position in the International Trade Centre's General Index Ranking of Export Performance in fresh food	Rank	98.00	2013	P	65.00	65.00
					P(a)	65.00	65.00
					A		
Details							
Means of verification: Report of International Trade Centre							
Pro-Gender		No	Pro-Ethnicity		No		

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OUTCOMES

Outcome Nbr. 0: Improved use of natural capital

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
0.0	Number of beneficiaries of improved management and sustainable use of natural capital	Beneficiaries (#)	0.00	2016	P	15,370.00	15,370.00
					P(a)	15,370.00	15,370.00
					A		
Details							
Means of verification: Records of beneficiaries of LVV services. Ex post evaluation.							
Pro-Gender		No	Pro-Ethnicity		No		
	Women				P	3,074.00	3,074.00
					P(a)	3,074.00	3,074.00
					A		
	Men				P	12,296.00	12,296.00
					P(a)	12,296.00	12,296.00
					A		

Outcome Nbr. 1: Increase in export ability

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
1.0	Number of exporting firms.	Firms	9.00	2016	P	15.00	15.00
					P(a)	15.00	15.00
					A		
Details							
Means of verification: LVV data.							
Pro-Gender		No	Pro-Ethnicity		No		

Outcome Nbr. 2: Improved provision of plant health services

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
2.0	Percentage of annual notifications of exported crops due to noncompliance with plant health requirements	%	7.00	2014	P	3.50	3.50
					P(a)	3.50	3.50

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OUTCOMES

2.0	Percentage of annual notifications of exported crops due to noncompliance with plant health requirements	%	7.00	2014	A		
Details							
Means of verification: Europhyt database and data provided by the Netherlands Food and Consumer Product Safety Authority (NVWA).							
Pro-Gender		No			Pro-Ethnicity		No
Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
2.1	Average score PVS (Performance Vision and Strategy) developed by IICA	%	28.60	2013	P	43.20	43.20
					P(a)	43.20	43.20
					A		
Details							
Means of verification: IICA independent evaluation							
Pro-Gender		No			Pro-Ethnicity		No
Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
2.2	Achievement of Area of Low Pest Prevalence (ALPP) of Carambola Fruit Fly in orange producing area	ALPP	0.00	2016	P	1.00	1.00
					P(a)	1.00	1.00
					A		
Details							
Means of verification: LVV Fruit Fly report.							
Pro-Gender		No			Pro-Ethnicity		No
Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
2.3	Masters of Science (MSc) degrees obtained by Plant Health Services employees	degrees	0.00	2016	P	6.00	6.00
					P(a)	6.00	6.00
					A		
Details							
Means of verification: MSc Diplomas							
Pro-Gender		No			Pro-Ethnicity		No
	Women					P	2.00
						P(a)	2.00

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OUTCOMES

	Women				A		
	Men				P	4.00	4.00
					P(a)	4.00	4.00
					A		

Outcome Nbr. 3: Improved provision of animal health services

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
3.0	Average score PVS developed by OIE	Score	1.72	2012	P	2.75	2.75
					P(a)	2.75	2.75
					A		

Details

Means of verification: OIE PVS evaluation.

Pro-Gender	No	Pro-Ethnicity	No
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Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
3.1	OIE Disease Free Status recognition for 3 diseases achieved	Recognitions	0.00	2016	P	3.00	3.00
					P(a)	3.00	3.00
					A		

Details

Means of verification: OIE Certificate

Pro-Gender	No	Pro-Ethnicity	No
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Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
3.2	Self-Declaration to OIE of Disease Free for Tuberculosis and Brucellosis	Self declarations	0.00	2016	P	2.00	2.00
					P(a)	2.00	2.00
					A		

Details

Means of verification: OIE website

Pro-Gender	No	Pro-Ethnicity	No
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Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
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OUTCOMES

3.3	Accreditation of the Animal Health Laboratory (ISO 17025)	lab	0.00	2016	P	1.00	1.00
					P(a)	1.00	1.00
					A		

Details

Means of verification: ISO Accreditation certificate

Pro-Gender	No	Pro-Ethnicity	No
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Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
3.4	Online Master's degrees obtained by Head of Units	diplomas	0.00	2016	P	4.00	4.00
					P(a)	4.00	4.00
					A		

Details

Means of verification: Diplomas

Pro-Gender	No	Pro-Ethnicity	No
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	Women				P	1.00	1.00
					P(a)	1.00	1.00
					A		
	Men				P	3.00	3.00
					P(a)	3.00	3.00
					A		

Outcome Nbr. 4: Improved provision of food safety services

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
4.0	Percentage of annual rejections of exported food products to the Netherlands due to noncompliance with Maximum Residue Levels (MRL)	%	20.00	2014	P	10.00	10.00
					P(a)	10.00	10.00
					A		

Details

Means of verification: Independent final evaluation

Pro-Gender	No	Pro-Ethnicity	No
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Indicator	Unit of	Baseline	Baseline		2022	EOP 2022
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OUTCOMES

		Measure		Year			
4.1	Number of farmers adopting Good Agricultural Practices (GAP) (male headed/female headed)	Farmers	0.00	2016	P	275.00	275.00
					P(a)	275.00	275.00
					A		

Details

Means of verification: LVV reports

Pro-Gender	No	Pro-Ethnicity	No
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	Female head of household				P	75.00	75.00
					P(a)	75.00	75.00
					A		
	Male head of household				P	200.00	200.00
					P(a)	200.00	200.00
					A		

Indicator	Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
4.2	Number of primary processors approved by LVV for their compliance with the Hygiene Code	Processors	0.00	2016	P	84.00
					P(a)	84.00
					A	

Details

Means of verification: LVV reports

Pro-Gender	No	Pro-Ethnicity	No
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Indicator	Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
4.3	Accreditation of inspection units (ISO 17020)	Accreditations	0.00	2016	P	2.00
					P(a)	2.00
					A	

Details

Means of verification: Accreditation certificates

Pro-Gender	No	Pro-Ethnicity	No
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Indicator	Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
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OUTCOMES

4.4	Accreditation of the Food Safety Laboratory (ISO 17025)	Methodologies	0.00	2016	P	3.00	3.00
					P(a)	3.00	3.00
					A		

Details

Means of verification: Accreditation certificates

Pro-Gender	No	Pro-Ethnicity	No
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Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
4.5	Food Safety Unit (FSU) established and operational	unit	0.00	2016	P	1.00	1.00
					P(a)	1.00	1.00
					A		

Details

Means of verification: LVV reports

Pro-Gender	No	Pro-Ethnicity	No
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Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
4.6	Masters of Science degrees in Agri-food safety and quality assurance obtained by civil servants	diplomas	0.00	2016	P	2.00	2.00
					P(a)	2.00	2.00
					A		

Details

Means of verification: Diplomas

Pro-Gender	No	Pro-Ethnicity	No
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	Women				P	1.00	1.00
					P(a)	1.00	1.00
					A		
	Men				P	1.00	1.00
					P(a)	1.00	1.00
					A		

Outcome Nbr. 5: Improved agricultural research and extension system

Observation:

Indicator	Unit of	Baseline	Baseline		2022	EOP 2022
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OUTCOMES

		Measure		Year			
5.0	Percentage of targeted open field vegetable farmers that adopted best practices recommended by the projects (male headed/female headed)	%	0.00	2016	P	50.00	50.00
					P(a)	50.00	50.00
					A		

Details

Means of verification: impact evaluation

Pro-Gender	No	Pro-Ethnicity	No
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Indicator	Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
5.1	Amount of chemical pesticides used in the production of rice	SRD	800.00	2016	P	720.00
					P(a)	720.00
					A	

Details

Means of verification: Impact evaluation

Pro-Gender	No	Pro-Ethnicity	No
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Indicator	Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
5.2	Number of technologies adapted to local conditions	Technologies	0.00	2016	P	28.00
					P(a)	28.00
					A	

Details

Means of verification: LVV research reports

Pro-Gender	No	Pro-Ethnicity	No
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Indicator	Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
5.3	Tertiary education degrees obtained by research and extension staff	degrees	0.00	2016	P	18.00
					P(a)	18.00
					A	

Details

Means of verification: Project progress report. Diplomas.

Pro-Gender	No	Pro-Ethnicity	No
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OUTCOMES

	Women				P	8.00	8.00
					P(a)	8.00	8.00
					A		
	Men				P	10.00	10.00
					P(a)	10.00	10.00
					A		

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 1 Agricultural health and food safety

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2019	EOP 2022	2019	EOP 2022
1.1	Plant health laboratory completed and equipped	lab	P		1	120,000	300,000
			P(a)	0	1	141,970	300,000
			A	0	0	684	684
1.2	Pest risk analysis (PRA) conducted	number	P		12		557,000
			P(a)		12	95,550	557,000
			A	0	0	0	0
1.3	Border control points equipped	number	P	1	5	45,000	203,800
			P(a)	1	5	131,020	203,800
			A	0	0	412	412
1.4	Operational material developed	documents	P		29		300,000
			P(a)		29		300,000
			A	0	0		0
1.5	Import and export pest-specific protocols developed	documents	P		18		147,000
			P(a)		18		147,000
			A	0	0		0
1.6	Tertiary education scholarships financed	staff	P		20		352,115
			P(a)	4	20	50,000	352,115
			A	0	0	0	0
1.7	Pesticide management training conducted	number of people	P		500		263,600
			P(a)	50	500	50,000	263,600
			A	0	0	0	0
1.8	Traceability system for plant health established	system	P		1		558,000
			P(a)		1		558,000
			A	0	0		0
1.9	Inputs for ALPP financed	ALPP	P		1		139,600
			P(a)		1		139,600
			A	0	0		0
1.10	Animal health laboratory equipped	lab	P	1	1	2,698,940	2,698,940
			P(a)		1	150,000	2,698,940
			A	0	0	19,014	19,014
1.11	Information system installed	system	P	1	1	410,500	410,500
			P(a)		1	50,000	410,500
			A	0	0	0	0
1.12	Veterinary services staff trained	number of staff	P	15	45	15,000	45,000
			P(a)	0	45	17,000	45,000
			A	0	15	0	0
1.13	Risk assessment studies conducted	number of studies	P		6		266,000
			P(a)		6	134,000	266,000
			A	0	0	33,143	136,687
1.14	Awareness campaigns and workshops conducted	number of activities	P	3	9	10,000	145,000
			P(a)	2	9	15,000	145,000
			A	0	2	3,942	8,690
1.15	Laboratory personnel and inspectors trained	Number of staff	P		40		400,582
			P(a)		40		400,582

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2019	EOP 2022	2019	EOP 2022
1.15	Laboratory personnel and inspectors trained	Number of staff	A	0	0		0
1.16	National Food Safety Policy and implementation plan drafted	document	P	1	1	33,500	33,500
			P(a)	1	1	20,250	33,500
			A	0	0	0	0
1.17	Updated food safety regulations drafted	documents	P	1	1	17,100	17,100
			P(a)	1	1	19,000	19,000
			A	0	0	0	0
1.18	GAP and hygiene code manuals developed	number of manuals	P		9		31,000
			P(a)		9	20,000	31,000
			A	0	0	0	0
1.19	Inspector and extension officers trained	number of staff	P	90	180	600	1,800
			P(a)	90	180	87,195	87,195
			A	0	0	4,270	4,270
1.20	Farmers trained in GAP and hygiene code	number of farmers	P	60	420	151,000	279,000
			P(a)	60	420	52,000	279,000
			A	0	0	0	0
1.21	Inspectors hired and trained	number of staff	P	23	23	753,256	753,256
			P(a)		23		753,256
			A	0	0		0
1.22	Food safety laboratory equipped	lab	P	1	1	361,270	361,270
			P(a)		1	33,000	361,270
			A	0	0	0	0
1.23	Laboratory technicians trained	number of staff	P	24	56	111,000	222,000
			P(a)	24	56		222,000
			A	0	0		0
1.24	Surveillance plan for food safety hazards developed	plan	P	1	1	15,000	15,000
			P(a)	1	1	12,000	15,000
			A	0	0	0	0
1.25	Consumer food safety awareness campaign conducted	campaign	P		2		64,000
			P(a)		2	2,000	64,000
			A	0	0	0	0
1.26	Laboratory complex completed	lab	P		1	353,000	1,535,000
			P(a)		1	40,000	1,535,000
			A	0	0	438	438

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 2 Agricultural research and technology transfer

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2019	EOP 2022	2019	EOP 2022
2.1	Research projects completed	number of projects	P	7	30	437,974	2,766,937
			P(a)	2	30	48,726	2,766,369
			A	0	0	62,543	65,975
2.2	Production manuals developed	number of manuals	P	10	18	21,700	27,700
			P(a)	1	18	41,710	41,710
			A	0	0	0	0
2.3	YouTube instructional videos produced	videos	P	21	58	13,000	26,500
			P(a)	1	58	41,660	41,660
			A	0	0	0	0
2.4	Agricultural innovation training conducted	number of farmers	P	100	700	115,850	191,000
			P(a)	100	700	36,671.5	191,000
			A	0	0	0	0
2.5	On-farm trials and demonstrations conducted	trials	P	9	30	138,000	201,000
			P(a)	5	30	56,146	201,000
			A	0	0	0	0
2.6	Media equipment purchased	equipment	P	1	1	250,000	250,000
			P(a)	1	1	38,430	250,000
			A	0	0	48,363	50,105
2.7	LVV Staff Trained	Number of people	P		45		105,000
			P(a)	5	45	22,401	105,000
			A	0	40	393	488
2.8	Tertiary education scholarships financed	number of staff	P	5	18	150,000	656,503
			P(a)	2	18		656,503
			A	0	0		0
2.9	Pesticide management facilities upgraded	facilities	P		1		25,000
			P(a)	1	1		25,000
			A	0	0		0
2.10	Agricultural innovation projects completed	number of projects	P		20		125,000
			P(a)		20		125,000
			A	0	0		0
2.11	Cluster laboratory installations completed	laboratory	P		1	93,160	1,211,700
			P(a)		1	10,000	1,211,700
			A	0	0	0	0

Other Cost

External Audit	P			50,000	250,000
	P(a)			18,524	200,000
	A			18,524	18,524
Monitoring and evaluation	P				300,000
	P(a)				300,000
	A				0
Project management	P			255,282	1,263,597
	P(a)			200,000	1,197,700
	A			78,244	259,304

Total Cost

	Total Cost	P			6,620,132	17,500,000
		P(a)			1,634,253.5	17,500,000
		A			269,970	564,591

CHANGES TO THE MATRIX

No information available for this section

PMR Operational Report

IMPLEMENTATION STATUS AND LEARNING

Lesson Learned - Categories

Project Management Capacity