#### V1: Summary of Issues in Budget Execution

**Table V1.1: Overview of Vote Expenditures (UShs Billion)** 

		Approved Budget	Revised Budget	Released by End Dec	Spent by End Dec	% Budget Released	% Budget Spent	% Releases Spent
Recurrent	Wage	43.462	43.462	21.731	21.616	50.0 %	49.7 %	99.5 %
Recuirent	Non-Wage	27.489	27.489	13.084	11.186	47.6 %	40.7 %	85.5 %
Devt.	GoU	34.963	34.963	17.099	11.485	48.9 %	32.8 %	67.2 %
Devt.	Ext Fin.	0.000	0.000	0.000	0.000	0.0 %	0.0 %	0.0 %
	GoU Total	105.914	105.914	51.914	44.287	49.0 %	41.8 %	85.3 %
Total GoU+Ex	xt Fin (MTEF)	105.914	105.914	51.914	44.287	49.0 %	41.8 %	85.3 %
	Arrears	0.087	0.087	0.087	0.087	100.3 %	100.3 %	100.0 %
	Total Budget	106.001	106.001	52.001	44.374	49.1 %	41.9 %	85.3 %
	A.I.A Total	0.000	0.000	0.000	0.000	0.0 %	0.0 %	0.0 %
	Grand Total	106.001	106.001	52.001	44.374	49.1 %	41.9 %	85.3 %
Total Vote Bud	lget Excluding Arrears	105.914	105.914	51.914	44.287	49.0 %	41.8 %	85.3 %

Table V1.2: Releases and Expenditure by Programme and Sub-SubProgramme\*

Billion Uganda Shillings	Approved Budget	Revised Budget	Released by End Dec	Spent by End Dec	% Budget Released	% Budget Spent	%Releases Spent
Programme:01 Agro-Industrialization	105.902	105.902	51.902	44.360	49.0 %	41.9 %	85.5 %
Sub SubProgramme:01 Agricultural Research	105.902	105.902	51.902	44.360	49.0 %	41.9 %	85.5 %
Programme:17 Regional Balanced Development	0.099	0.099	0.099	0.015	100.0 %	14.7 %	14.7 %
Sub SubProgramme:01 Agricultural Research	0.099	0.099	0.099	0.015	100.0 %	14.7 %	14.7 %
Total for the Vote	106.001	106.001	52.001	44.375	49.1 %	41.9 %	85.3 %

		Balances and Over-Expenditure in the Approved Budget (Ushs Bn)
(i) Major unps	sent balances	
Departments	, Projects	
Sub SubProgr	ramme:01 Agri	cultural Research
Sub Program	me: 01 Instituti	ional Strengthening and Coordination
1.359	Bn Sh	S Department : 007 NARO-SECRETARIATE
	comme	: 0 was a delay in submission of requirements by staff from their training institutions. In addition, there was a delay in the incement of the strategic planning sessions which led to variation in expenditure. Is a delay by service providers invoiced in order to facilitate payment. However goods and services were delivered.
Items		
0.043	UShs	224011 Research Expenses
a		Reason: there was a delay in the commencement of the strategic planning sessions which led to variation in expenditure.
		tion and productivity
0.043		Department : 002 Buginyaya Zonal Agriculture Research Institute(ZARDI)
	staff ha 0	: The institute encountered operational challenges o IFMS since it was the first time to transact with the system. However, we been trained and transactions are going on smoothly ermittent and untimely release of resources constrained the absorption of the resources
Items		
0.084	UShs	224011 Research Expenses
Sub Program	me: 02 Agricul	Reason: The institute encountered operational challenges o IFMS since it was the first time to transact with the system. However, staff have been trained and transactions are going on smoothly  The intermittent and untimely release of resources constrained the absorption of the resources  tural Production and Productivity
		S Department: 001 Abi Zonal Agriculture Research Institute(ZARDI)
	Reason 0	: Funds were insufficient and needed top ups
Items		
0.001	UShs	223004 Guard and Security services
		Reason: Funds were insufficient and needed top ups
0.001	UShs	221008 Information and Communication Technology Supplies.
		Reason: Funds were insufficient and needed top ups
0.001	UShs	227004 Fuel, Lubricants and Oils
		Reason:

(i) Major unps	sent balances	
Departments	, Projects	
Sub SubProgr	ramme:01 Agrico	ultural Research
Sub Program	me: 02 Agricultu	ral Production and Productivity
0.043	Bn Shs	Department : 002 Buginyaya Zonal Agriculture Research Institute(ZARDI)
	staff have	The institute encountered operational challenges o IFMS since it was the first time to transact with the system. However, e been trained and transactions are going on smoothly rmittent and untimely release of resources constrained the absorption of the resources
Items		
0.020	UShs	224011 Research Expenses
		Reason: The institute encountered operational challenges o IFMS since it was the first time to transact with the system. However, staff have been trained and transactions are going on smoothly  The intermittent and untimely release of resources constrained the absorption of the resources
0.007	UShs	228002 Maintenance-Transport Equipment
		Reason: The institute encountered operational challenges o IFMS since it was the first time to transact with the system. However, staff have been trained and transactions are going on smoothly
0.005	UShs	221008 Information and Communication Technology Supplies.
		Reason: The institute encountered operational challenges o IFMS since it was the first time to transact with the system. However, staff have been trained and transactions are going on smoothly
0.004	UShs	228001 Maintenance-Buildings and Structures
		Reason:
0.019	Bn Shs	Department : 003 Bulindi Zonal Agriculture Research Institute(ZARDI)
		The institute encountered operational challenges o IFMS since it was the first time to transact with the system. However, e been trained and transactions are going on smoothly
Items		
0.006	UShs	228002 Maintenance-Transport Equipment
		Reason: There was delay in invoicing by suppliers
0.005	UShs	228003 Maintenance-Machinery & Equipment Other than Transport Equipment
		Reason: There was delay in invoicing by suppliers
0.003	UShs	224011 Research Expenses
		Reason:
0.003	UShs	227004 Fuel, Lubricants and Oils
		Reason: There was delay in invoicing by suppliers
0.001	UShs	221008 Information and Communication Technology Supplies.
		Reason:

(i) Major unps	sent balances	
Departments	, Projects	
Sub SubProg	ramme:01 Agric	ultural Research
Sub Program	me: 02 Agricultı	ural Production and Productivity
0.016	Bn Shs	Department : 004 Kachwekano Zonal Agriculture Research Institute(ZARDI)
		The institute initially faced operational challenges with IFMS, as it was their first time using the system for transactions. r, after staff training, transactions are now proceeding smoothly.
Items		
0.004	UShs	221008 Information and Communication Technology Supplies.
		Reason: The institute initially faced operational challenges with IFMS, as it was their first time using the system for transactions. However, after staff training, transactions are now proceeding smoothly.
0.003	UShs	228003 Maintenance-Machinery & Equipment Other than Transport Equipment
		Reason: The institute initially faced operational challenges with IFMS, as it was their first time using the system for transactions. However, after staff training, transactions are now proceeding smoothly.
0.003	UShs	227001 Travel inland
		Reason: The institute initially faced operational challenges with IFMS, as it was their first time using the system for transactions. However, after staff training, transactions are now proceeding smoothly.
0.003	UShs	221011 Printing, Stationery, Photocopying and Binding
		Reason: The institute initially faced operational challenges with IFMS, as it was their first time using the system for transactions. However, after staff training, transactions are now proceeding smoothly.
0.003	UShs	228002 Maintenance-Transport Equipment
		Reason: The institute initially faced operational challenges with IFMS, as it was their first time using the system for transactions. However, after staff training, transactions are now proceeding smoothly.
0.010	Bn Shs	Department: 005 Mbarara Zonal Agriculture Research Institute(ZARDI)
		The institute initially faced operational challenges with IFMS, as it was their first time using the system for transactions, r, after staff training, transactions are now proceeding smoothly.
Items		
0.004	UShs	228003 Maintenance-Machinery & Equipment Other than Transport Equipment
		Reason: The institute initially faced operational challenges with IFMS, as it was their first time using the system for transactions. However, after staff training, transactions are now proceeding smoothly.
0.003	UShs	228002 Maintenance-Transport Equipment
		Reason: The institute initially faced operational challenges with IFMS, as it was their first time using the system for transactions. However, after staff training, transactions are now proceeding smoothly.
0.003	UShs	221001 Advertising and Public Relations
		Reason: The institute initially faced operational challenges with IFMS, as it was their first time using the system for transactions. However, after staff training, transactions are now proceeding smoothly.

(i) Major unps	ent balances	
Departments,	Projects	
Sub SubProgr	ramme:01 Agric	ultural Research
Sub Programm	ne: 02 Agricultu	iral Production and Productivity
0.018	Bn Shs	Department : 006 Nabuin Zonal Agriculture Research Institute(ZARDI)
		The institute initially faced operational challenges with IFMS, as it was their first time using the system for transactions. r, after staff training, transactions are now proceeding smoothly.
Items		
0.007	UShs	228002 Maintenance-Transport Equipment
		Reason: The institute initially faced operational challenges with IFMS, as it was their first time using the system for transactions. However, after staff training, transactions are now proceeding smoothly.
0.007	UShs	227004 Fuel, Lubricants and Oils
		Reason: The institute initially faced operational challenges with IFMS, as it was their first time using the system for transactions. However, after staff training, transactions are now proceeding smoothly.
0.002	UShs	221011 Printing, Stationery, Photocopying and Binding
		Reason: The institute initially faced operational challenges with IFMS, as it was their first time using the system for transactions. However, after staff training, transactions are now proceeding smoothly.
0.001	UShs	224011 Research Expenses
		Reason:
0.001	UShs	228001 Maintenance-Buildings and Structures
		Reason: Major challenge was with accessing IFMS to initiate the procurement process
1.359	Bn Shs	Department: 007 NARO-SECRETARIATE
	commen	as a delay in submission of requirements by staff from their training institutions. In addition, there was a delay in the accement of the strategic planning sessions which led to variation in expenditure.  a delay by service providers invoiced in order to facilitate payment. However goods and services were delivered.
Items		
0.747	UShs	224011 Research Expenses
		Reason: there was a delay in the commencement of the strategic planning sessions which led to variation in expenditure.
0.221	UShs	224003 Agricultural Supplies and Services
		Reason:
0.180	UShs	224002 Veterinary supplies and services
		Reason:
0.101	UShs	211106 Allowances (Incl. Casuals, Temporary, sitting allowances)
		Reason:

(i) Major unps	sent balances	
Departments ,	, Projects	
Sub SubProgr	ramme:01 Agric	cultural Research
Sub Programi	me: 02 Agricult	ural Production and Productivity
0.067	Bn Shs	Department: 008 National Agricultural Research Laboratories
		The institute initially faced operational challenges with IFMS, as it was their first time using the system for transactions. er, after staff training, transactions are now proceeding smoothly.
Items		
0.029	UShs	224011 Research Expenses
		Reason:
0.015	UShs	228003 Maintenance-Machinery & Equipment Other than Transport Equipment
		Reason: The institute initially faced operational challenges with IFMS, as it was their first time using the system for transactions. However, after staff training, transactions are now proceeding smoothly.
0.008	UShs	224005 Laboratory supplies and services
		Reason: The institute initially faced operational challenges with IFMS, as it was their first time using the system for transactions. However, after staff training, transactions are now proceeding smoothly.
0.007	UShs	228002 Maintenance-Transport Equipment
		Reason: The institute initially faced operational challenges with IFMS, as it was their first time using the system for transactions. However, after staff training, transactions are now proceeding smoothly.
0.004	UShs	228004 Maintenance-Other Fixed Assets
		Reason: The institute initially faced operational challenges with IFMS, as it was their first time using the system for transactions. However, after staff training, transactions are now proceeding smoothly.
0.074	Bn Shs	Department : 009 National Coffee Research Institute
		The institute faced challenges in accessing IFMS as it was its first time of using the system. However, staff capacity has en enhanced to use the system. Additionally, there was a delay in invoicing by the suppliers
Items		
0.030	UShs	224011 Research Expenses
		Reason:
0.013	UShs	223005 Electricity
		Reason: There a delay in billing by UMEME
0.008	UShs	227004 Fuel, Lubricants and Oils
		Reason: There was a delay in invoicing by the suppliers
0.006	UShs	228002 Maintenance-Transport Equipment
		Reason:
0.004	UShs	211106 Allowances (Incl. Casuals, Temporary, sitting allowances)
		Reason:

Departments,	Projects	
Sub SubProgr	amme:01 Agric	cultural Research
Sub Programm	ne: 02 Agricultı	ural Production and Productivity
	Bn Shs	Department : 010 National Crops Resources Research Institute
	Reason:	Major issue is delays in invoicing by suppliers as the process was initiated
Items		
0.008	UShs	221011 Printing, Stationery, Photocopying and Binding
		Reason: Delays in invoicing by the suppliers
0.003	UShs	221008 Information and Communication Technology Supplies.
		Reason: Delays in invoicing by the suppliers
0.003	UShs	228002 Maintenance-Transport Equipment
		Reason: Delays in invoicing by the suppliers
0.036	Bn Shs	Department: 011 National Fisheries Resources Research Institute
		The institute initially faced operational challenges with IFMS, as it was their first time using the system for transactions. r, after staff training, transactions are now proceeding smoothly.
Items		
0.018	UShs	224011 Research Expenses
		Reason:
0.004	UShs	224003 Agricultural Supplies and Services
		Reason: The institute initially faced operational challenges with IFMS, as it was their first time using the system for transactions. However, after staff training, transactions are now proceeding smoothly.
0.003	UShs	228002 Maintenance-Transport Equipment
		Reason: The institute initially faced operational challenges with IFMS, as it was their first time using the system for transactions. However, after staff training, transactions are now proceeding smoothly.
0.003	UShs	228001 Maintenance-Buildings and Structures
		Reason:
0.003	UShs	228003 Maintenance-Machinery & Equipment Other than Transport Equipment
		Reason: The institute initially faced operational challenges with IFMS, as it was their first time using the system for transactions. However, after staff training, transactions are now proceeding smoothly.
	Bn Shs	Department: 012 National Forestry Resources Research Institute
		The institute initially faced operational challenges with IFMS, as it was their first time using the system for transactions. r, after staff training, transactions are now proceeding smoothly.
Items		
0.003	UShs	221011 Printing, Stationery, Photocopying and Binding
		Reason: The institute initially faced operational challenges with IFMS, as it was their first time using the system for transactions. However, after staff training, transactions are now proceeding smoothly.
0.003	UShs	228003 Maintenance-Machinery & Equipment Other than Transport Equipment

(i) Major un	psent balances	
Department		
	· •	cultural Research
Sub Program	mme: 02 Agricult	ural Production and Productivity
	Bn Shs	Department : 012 National Forestry Resources Research Institute
		The institute initially faced operational challenges with IFMS, as it was their first time using the system for transactions. or, after staff training, transactions are now proceeding smoothly.
Items		
		Reason: Delays in invoicing by the suppliers
	Bn Shs	Department: 013 Mukono Zonal Agriculture Research Institute (ZARDI)
		The institute initially faced operational challenges with IFMS, as it was their first time using the system for transactions. or, after staff training, transactions are now proceeding smoothly.
Items		
0.004	UShs	228002 Maintenance-Transport Equipment
		Reason: Delays in invoicing by supplierrs
0.002	UShs	222001 Information and Communication Technology Services.
		Reason: The institute initially faced operational challenges with IFMS, as it was their first time using the system for transactions. However, after staff training, transactions are now proceeding smoothly.
0.020	Bn Shs	Department: 015 National Semi Arid Resources Research Institute (NaSARRI)
		The institute initially faced operational challenges with IFMS, as it was their first time using the system for transactions. or, after staff training, transactions are now proceeding smoothly.
Items		
0.006	UShs	224011 Research Expenses
		Reason:
0.005	UShs	227004 Fuel, Lubricants and Oils
		Reason: The institute initially faced operational challenges with IFMS, as it was their first time using the system for transactions. However, after staff training, transactions are now proceeding smoothly.
0.004	UShs	228002 Maintenance-Transport Equipment
		Reason: The institute initially faced operational challenges with IFMS, as it was their first time using the system for transactions. However, after staff training, transactions are now proceeding smoothly.
0.002	UShs	221007 Books, Periodicals & Newspapers
		Reason: The institute initially faced operational challenges with IFMS, as it was their first time using the system for transactions. However, after staff training, transactions are now proceeding smoothly.
0.002	UShs	221008 Information and Communication Technology Supplies.
		Reason: The institute initially faced operational challenges with IFMS, as it was their first time using the system for transactions. However, after staff training, transactions are now proceeding smoothly.

(i) Major unps	sent balances	
Departments	, Projects	
Sub SubProg	ramme:01 Agric	cultural Research
Sub Program	me: 02 Agricult	tural Production and Productivity
0.034	Bn Sh	Department : 016 Ngetta ZARDI
	Reason: 0	: Majorly, the problem has been with accessing IFMS where procurement was initiation was hard
Items		
0.007	UShs	223004 Guard and Security services
		Reason:
0.007	UShs	228002 Maintenance-Transport Equipment
		Reason: There were challenges accessing IFMS but now the procurement processes have been initiated
0.005	UShs	222001 Information and Communication Technology Services.
		Reason: There were challenges accessing IFMS but now the procurement processes have been initiated
0.005	UShs	227004 Fuel, Lubricants and Oils
		Reason:
0.004	UShs	221011 Printing, Stationery, Photocopying and Binding
		Reason: There were challenges accessing IFMS but now the procurement processes have been initiated
0.000	Bn Sh	Department : 017 Rwebitaba ZARDI
	Reason: 0	: 0
Items		
0.771	Bn Sh	Project : 1560 Relocation and Operationalisation of the National Livestock Resources Research Institute(NALIRRI)
		: Overall, the unspent balance on Non-Wage recurrent is caused by the various reasons spelt under various expenditure line and the balance not disbursed to some designated agencies due to late/non accountability for funds previously disbursed.
Items		
0.652	UShs	312121 Non-Residential Buildings - Acquisition
		Reason: There was a delay in invoicing by the suppliers
0.047	UShs	224011 Research Expenses
		Reason:
0.015	UShs	224005 Laboratory supplies and services
		Reason: Delayed invoice by the suppliers
0.014	UShs	223005 Electricity

(i) Major unp	sent balances	
Departments	, Projects	
Sub SubProg	gramme:01 Agric	cultural Research
Sub Progran	nme: 02 Agricult	ural Production and Productivity
0.771	Bn Shs	Project: 1560 Relocation and Operationalisation of the National Livestock Resources Research Institute(NALIRRI)
		Overall, the unspent balance on Non-Wage recurrent is caused by the various reasons spelt under various expenditure line at the balance not disbursed to some designated agencies due to late/non accountability for funds previously disbursed.
Items		
0.013	UShs	224003 Agricultural Supplies and Services
		Reason:
4.841	Bn Shs	Project: 1619 Retooling of National Agricultural Research Organization
		Unspent balances are mainly from the delayed initiation of the procurement process to obtain the consultant for the n of exceptional services.
Items		
1.998	UShs	224011 Research Expenses
		Reason: Unspent balances are mainly from the delayed initiation of the procurement process to obtain the consultant for the provision of exceptional services.
0.656	UShs	224003 Agricultural Supplies and Services
		Reason: Unspent balances are mainly from the delayed initiation of the procurement process to obtain the consultant for the provision of exceptional services.
0.570	UShs	312233 Medical, Laboratory and Research & appliances - Acquisition
		Reason: Unspent balances are mainly from the delayed initiation of the procurement process to obtain the consultant for the provision of exceptional services.
0.266	UShs	224005 Laboratory supplies and services
		Reason: Unspent balances are mainly from the delayed initiation of the procurement process to obtain the consultant for the provision of exceptional services.
0.247	UShs	228001 Maintenance-Buildings and Structures
		Reason: Unspent balances are mainly from the delayed initiation of the procurement process to obtain the consultant for the provision of exceptional services.

#### V2: Performance Highlights

#### Table V2.1: PIAP outputs and output Indicators

December 01 A may Industrial and output Indicators			
Programme:01 Agro-Industrialization			
SubProgramme:01 Institutional Strengthening and Coordination			
Sub SubProgramme:01 Agricultural Research			
Department:007 NARO-SECRETARIATE			
Budget Output: 000001 Audit and Risk Management			
PIAP Output: 01910101 Audit and Risk Management coordinated			
Programme Intervention: 019101 Strengthen government institution	ns for effective and eff	icient service delivery.	
PIAP Output Indicators	<b>Indicator Measure</b>	Planned 2024/25	Actuals By END Dec
No. of audit reports produced and submitted	Number	8	6
PIAP Output: 10412026 Leadership and Management coordinated		1	
Programme Intervention: 010601 Strengthen coordination of public quality food and food security	institutions in design	and implementation o	of policies including access to
PIAP Output Indicators	Indicator Measure	Planned 2024/25	Actuals By END Dec
No. of oversight visits undertaken	Number	12	3
Budget Output: 000013 HIV/AIDS Mainstreaming	1	1	
PIAP Output: 10412026 Leadership and Management coordinated			
Programme Intervention: 010601 Strengthen coordination of public quality food and food security	institutions in design	and implementation o	of policies including access to
PIAP Output Indicators	Indicator Measure	Planned 2024/25	Actuals By END Dec
No. of oversight visits undertaken	Number	2	1
Budget Output: 000014 Administrative and Support Services		l.	
PIAP Output: 10412026 Leadership and Management coordinated			
Programme Intervention: 010601 Strengthen coordination of public quality food and food security	institutions in design	and implementation o	of policies including access to
PIAP Output Indicators	Indicator Measure	Planned 2024/25	Actuals By END Dec
No. of oversight visits undertaken	Number	8	2
Budget Output: 000089 Climate Change Mitigation			
PIAP Output: 10412026 Leadership and Management coordinated			
	institutions in design	and implementation o	of policies including access to
·			
Programme Intervention: 010601 Strengthen coordination of public quality food and food security PIAP Output Indicators	Indicator Measure	Planned 2024/25	Actuals By END Dec

Programme:01 Agro-Industrialization					
SubProgramme:01 Institutional Strengthening and Coordination					
Sub SubProgramme:01 Agricultural Research					
Department:007 NARO-SECRETARIATE					
Budget Output: 000090 Climate Change Adaptation					
PIAP Output: 10412026 Leadership and Management coordinated					
Programme Intervention: 010601 Strengthen coordination of public quality food and food security	institutions in design	and implementation o	f policies including access to		
PIAP Output Indicators	<b>Indicator Measure</b>	Planned 2024/25	Actuals By END Dec		
No. of oversight visits undertaken	Number	2	1		
SubProgramme:02 Agricultural Production and Productivity	1				
Sub SubProgramme:01 Agricultural Research					
Department:001 Abi Zonal Agriculture Research Institute(ZARDI)					
Budget Output: 010010 Technology Generation					
PIAP Output: 0103020111 Agri Research IP and innovations comme	ercialised				
Programme Intervention: 010407 Strengthen agricultural research a	and technology develop	pment			
PIAP Output Indicators	<b>Indicator Measure</b>	Planned 2024/25	Actuals By END Dec		
Number of Agriculture Research Innovations and IPs commercialised	Number	6	0		
PIAP Output: 01040705 Demand driven agriculture technologies dev	veloped	<u>.</u>			
Programme Intervention: 010407 Strengthen agricultural research a	and technology develop	pment			
PIAP Output Indicators	<b>Indicator Measure</b>	Planned 2024/25	Actuals By END Dec		
Number of research products and services for food and nutrition security generated	Number	6	3		
PIAP Output: 01040706 Research-extension farmer linkages develop	ped and strengthened	¥			
Programme Intervention: 010407 Strengthen agricultural research a	and technology develop	pment			
PIAP Output Indicators	<b>Indicator Measure</b>	Planned 2024/25	Actuals By END Dec		
Number of technologies adopted	Number	4	2		
Budget Output: 010011 Technology Promotion					
PIAP Output: 01040705 Demand driven agriculture technologies dev	veloped				
Programme Intervention: 010407 Strengthen agricultural research a	and technology develop	pment			
PIAP Output Indicators	<b>Indicator Measure</b>	Planned 2024/25	Actuals By END Dec		
Number of research products and services for food and nutrition security generated	Number	6	3		

Programme:01 Agro-Industrialization				
SubProgramme:02 Agricultural Production and Productivity				
Sub SubProgramme:01 Agricultural Research				
Department:001 Abi Zonal Agriculture Research Institute(ZARDI)				
Budget Output: 010011 Technology Promotion				
PIAP Output: 01040706 Research-extension farmer linkages develop	ped and strengthened			
Programme Intervention: 010407 Strengthen agricultural research a	and technology develop	pment		
PIAP Output Indicators	<b>Indicator Measure</b>	Planned 2024/25	Actuals By END Dec	
Number of technologies adopted	Number	4	2	
Department:002 Buginyaya Zonal Agriculture Research Institute(ZA	ARDI)			
Budget Output: 010010 Technology Generation				
PIAP Output: 01040705 Demand driven agriculture technologies de	veloped			
Programme Intervention: 010407 Strengthen agricultural research a	and technology develop	pment		
PIAP Output Indicators	<b>Indicator Measure</b>	Planned 2024/25	Actuals By END Dec	
Number of research products and services suitable for industry developed	Number	2	1	
PIAP Output: 01040706 Research-extension farmer linkages develop	oed and strengthened	1		
Programme Intervention: 010407 Strengthen agricultural research a	and technology develop	pment		
PIAP Output Indicators	<b>Indicator Measure</b>	Planned 2024/25	Actuals By END Dec	
Number of technologies adopted	Number	8	8	
Department:003 Bulindi Zonal Agriculture Research Institute(ZAR)	DI)	•		
Budget Output: 010011 Technology Promotion				
PIAP Output: 01040706 Research-extension farmer linkages develop	oed and strengthened			
Programme Intervention: 010407 Strengthen agricultural research a	and technology develop	pment		
PIAP Output Indicators	<b>Indicator Measure</b>	Planned 2024/25	Actuals By END Dec	
Number of District Adaptive Research Support Teams (DARSTs) developed	Number	0	0	
Number of technologies adopted	Number	6	4	
Department:004 Kachwekano Zonal Agriculture Research Institute(	ZARDI)			
Budget Output: 010011 Technology Promotion				
PIAP Output: 01040706 Research-extension farmer linkages developed and strengthened				
Programme Intervention: 010407 Strengthen agricultural research and technology development				
PIAP Output Indicators	<b>Indicator Measure</b>	Planned 2024/25	Actuals By END Dec	
Number of technologies adopted	Number	6	1	

SubProgramme:02 Agricultural Production and Productivity Sub SubProgramme:01 Agricultural Research Department:008 Mbarara Zonal Agricultura Research Institute(ZARDI) Budget Output: 010011 Technology Promotion PIAP Output: 01040766 Research-extension farmer linkages developed and strengthened Programme Intervention: 010407 Strengthen agricultural research and technology development PIAP Output Indicators Indicator Measure Planned 2024/25 Actuals By END Dec Number of technologies adopted Number   4	Programme:01 Agro-Industrialization							
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Programme:01 Agro-Industrialization					
SubProgramme:02 Agricultural Production and Productivity					
Sub SubProgramme:01 Agricultural Research					
Department:007 NARO-SECRETARIATE					
Budget Output: 010011 Technology Promotion					
PIAP Output: 01040705 Demand driven agriculture technologies de	veloped				
Programme Intervention: 010407 Strengthen agricultural research a	and technology develop	pment			
PIAP Output Indicators	<b>Indicator Measure</b>	Planned 2024/25	Actuals By END Dec		
Number of research products and services for food and nutrition security generated	Number	12	6		
Department:008 National Agricultural Research Laboratories		L.			
Budget Output: 010010 Technology Generation					
PIAP Output: 01040705 Demand driven agriculture technologies de	veloped				
Programme Intervention: 010407 Strengthen agricultural research a	and technology develop	pment			
PIAP Output Indicators	<b>Indicator Measure</b>	Planned 2024/25	Actuals By END Dec		
Number of research products and services for food and nutrition security generated	Number	10	3		
Number of research products and services suitable for industry developed	Number	10	3		
Budget Output: 010011 Technology promotion					
PIAP Output: 01040705 Demand driven agriculture technologies de	veloped				
Programme Intervention: 010407 Strengthen agricultural research a	and technology develop	pment			
PIAP Output Indicators	Indicator Measure	Planned 2024/25	Actuals By END Dec		
Number of improved technologies and innovations adopted	Number	8	3		
PIAP Output: 01040706 Research-extension farmer linkages develop					
Programme Intervention: 010407 Strengthen agricultural research a		•			
PIAP Output Indicators	Indicator Measure	Planned 2024/25	Actuals By END Dec		
Number of technologies adopted	Number	8	2		
Department:009 National Coffee Research Institute					
Budget Output: 010010 Technology Generation					
PIAP Output: 01040705 Demand driven agriculture technologies de					
Programme Intervention: 010407 Strengthen agricultural research a		•			
PIAP Output Indicators	Indicator Measure	Planned 2024/25	Actuals By END Dec		
Number of research products and services suitable for industry developed	Number	4	2		

In other transfer			1		
Programme:01 Agro-Industrialization					
SubProgramme:02 Agricultural Production and Productivity					
Sub SubProgramme:01 Agricultural Research					
Department:009 National Coffee Research Institute					
Budget Output: 010011 Technology Promotion					
PIAP Output: 01040705 Demand driven agriculture technologies dev	veloped				
Programme Intervention: 010407 Strengthen agricultural research a	and technology develop	pment			
PIAP Output Indicators	<b>Indicator Measure</b>	Planned 2024/25	Actuals By END Dec		
Number of research products and services suitable for industry developed	Number	1	2		
Department:010 National Crops Resources Research Institute		4			
Budget Output: 010010 Technology Generation					
PIAP Output: 01040705 Demand driven agriculture technologies dev	veloped				
Programme Intervention: 010407 Strengthen agricultural research a	and technology develop	pment			
PIAP Output Indicators	<b>Indicator Measure</b>	Planned 2024/25	Actuals By END Dec		
Number of research products and services suitable for industry developed	Number	5	1		
Department:011 National Fisheries Resources Research Institute					
Budget Output: 010010 Technology Generation					
PIAP Output: 01040705 Demand driven agriculture technologies dev	veloped				
Programme Intervention: 010407 Strengthen agricultural research a	nd technology develop	pment			
PIAP Output Indicators	<b>Indicator Measure</b>	Planned 2024/25	Actuals By END Dec		
Number of improved technologies and innovations adopted	Number	0	0		
Number of research products and services for food and nutrition security generated	Number	4	1		
Department:012 National Forestry Resources Research Institute		1			
Budget Output: 010010 Technology Generation					
PIAP Output: 01040705 Demand driven agriculture technologies dev	veloped				
Programme Intervention: 010407 Strengthen agricultural research and technology development					
PIAP Output Indicators	<b>Indicator Measure</b>	Planned 2024/25	Actuals By END Dec		
Number of research products and services for food and nutrition security generated	Number	2	1		
Number of research products and services suitable for industry developed	Number	4	1		

Programme:01 Agro-Industrialization					
SubProgramme:02 Agricultural Production and Productivity					
Sub SubProgramme:01 Agricultural Research					
Department:012 National Forestry Resources Research Institute					
Budget Output: 010010 Technology Generation					
PIAP Output: 01040706 Research-extension farmer linkages develop	ed and strengthened				
Programme Intervention: 010407 Strengthen agricultural research a	nd technology develo	pment			
PIAP Output Indicators	<b>Indicator Measure</b>	Planned 2024/25	Actuals By END Dec		
Number of technologies adopted	Number	4	2		
Budget Output: 010011 Technology Promotion	<u> </u>	'			
PIAP Output: 01040706 Research-extension farmer linkages develop	ed and strengthened				
Programme Intervention: 010407 Strengthen agricultural research a	nd technology develo	pment			
PIAP Output Indicators	<b>Indicator Measure</b>	Planned 2024/25	Actuals By END Dec		
Number of technologies adopted	Number	4	1		
Department:013 Mukono Zonal Agriculture Research Institute (ZAI	RDI)	•			
Budget Output: 010011 Technology Promotion					
PIAP Output: 01040705 Demand driven agriculture technologies dev	veloped				
Programme Intervention: 010407 Strengthen agricultural research a	nd technology develo	pment			
PIAP Output Indicators	<b>Indicator Measure</b>	Planned 2024/25	Actuals By END Dec		
Number of research products and services for food and nutrition security generated	Number	2	1		
Number of research products and services suitable for industry developed	Number	3	1		
PIAP Output: 01040706 Research-extension farmer linkages develop	ed and strengthened	•			
Programme Intervention: 010407 Strengthen agricultural research a	nd technology develo	pment			
PIAP Output Indicators	Indicator Measure	Planned 2024/25	Actuals By END Dec		
Number of technologies adopted	Number	8	2		
Department:015 National Semi Arid Resources Research Institute (N	VaSARRI)				
Budget Output: 010010 Technology Generation					
PIAP Output: 01040705 Demand driven agriculture technologies developed					
Programme Intervention: 010407 Strengthen agricultural research a	nd technology develo	pment			
PIAP Output Indicators	Indicator Measure	Planned 2024/25	Actuals By END Dec		
Number of research products and services for food and nutrition security generated	Number	11	2		
Number of research products and services suitable for industry developed	Number	11	2		

Programme:01 Agro-Industrialization				
SubProgramme:02 Agricultural Production and Productivity				
Sub SubProgramme:01 Agricultural Research				
Department:016 Ngetta ZARDI				
Budget Output: 010011 Technology Promotion				
PIAP Output: 01040705 Demand driven agriculture technologies de	veloped			
Programme Intervention: 010407 Strengthen agricultural research a	and technology develo	pment		
PIAP Output Indicators	<b>Indicator Measure</b>	Planned 2024/25	Actuals By END Dec	
Number of research products and services suitable for industry developed	Number	4	1	
PIAP Output: 01040706 Research-extension farmer linkages develop	ped and strengthened			
Programme Intervention: 010407 Strengthen agricultural research a	and technology develo	pment		
PIAP Output Indicators	<b>Indicator Measure</b>	Planned 2024/25	Actuals By END Dec	
Number of technologies adopted	Number	4	1	
Department:017 Rwebitaba ZARDI		,		
Budget Output: 010011 Technology Promotion				
PIAP Output: 01040705 Demand driven agriculture technologies de	veloped			
Programme Intervention: 010407 Strengthen agricultural research a	and technology develo	pment		
PIAP Output Indicators	Indicator Measure	Planned 2024/25	Actuals By END Dec	
Number of research products and services for food and nutrition security generated	Number	2	1	
Number of research products and services suitable for industry developed	Number	3	1	
PIAP Output: 01041103 Research-extension-farmer linkages develop	ped and strengthened			
Programme Intervention: 010411 Strengthen the agricultural extens	ion system			
PIAP Output Indicators	Indicator Measure	Planned 2024/25	Actuals By END Dec	
Number of demonstrations sites for the different value chain innovations demonstrated established	Number	4	1	
Project:1560 Relocation and Operationalisation of the National Live	stock Resources Rese	arch Institute(NALIR	(RI)	
Budget Output: 000017 Infrastructure Development and Management				
PIAP Output: 01040705 Demand driven agriculture technologies developed				
Programme Intervention: 010407 Strengthen agricultural research a	and technology develo	pment		
PIAP Output Indicators	<b>Indicator Measure</b>	Planned 2024/25	Actuals By END Dec	
Number of research products and services suitable for industry developed	Number	8	2	

Programme:01 Agro-Industrialization					
SubProgramme:02 Agricultural Production and Productivity					
Sub SubProgramme:01 Agricultural Research					
Project:1560 Relocation and Operationalisation of the National Live	estock Resources Rese	arch Institute(NALIR	RI)		
Budget Output: 010010 Technology Generation			<u> </u>		
PIAP Output: 01040705 Demand driven agriculture technologies de	veloped				
Programme Intervention: 010407 Strengthen agricultural research a	and technology develo	pment			
PIAP Output Indicators Indicator Measure Planned 2024/25 Actuals By END Dec					
Number of research products and services suitable for industry developed	Number	8	2		
Project:1619 Retooling of National Agricultural Research Organizat	tion				
Budget Output: 000003 Facilities and Equipment Management					
PIAP Output: 01040705 Demand driven agriculture technologies de	veloped				
Programme Intervention: 010407 Strengthen agricultural research a	and technology develo	pment			
PIAP Output Indicators	Indicator Measure	Planned 2024/25	Actuals By END Dec		
Number of research products and services for food and nutrition security generated	Number	24	10		
Budget Output: 000017 Infrastructure Development and Management	-	1			
PIAP Output: 01040705 Demand driven agriculture technologies de	veloped				
Programme Intervention: 010407 Strengthen agricultural research a	and technology develo	pment			
PIAP Output Indicators	Indicator Measure	Planned 2024/25	Actuals By END Dec		
Number of research products and services for food and nutrition security generated	Number	24	10		
Budget Output: 010008 Capacity Strengthening	•	•	•		
PIAP Output: 01040705 Demand driven agriculture technologies de	veloped				
Programme Intervention: 010407 Strengthen agricultural research a	and technology develo	pment			
PIAP Output Indicators	Indicator Measure	Planned 2024/25	Actuals By END Dec		
Number of research products and services for food and nutrition security generated	Number	24	10		
Budget Output: 010009 Research Partnerships					
PIAP Output: 01040705 Demand driven agriculture technologies de	_				
Programme Intervention: 010407 Strengthen agricultural research a	and technology develo	pment			
PIAP Output Indicators	<b>Indicator Measure</b>	Planned 2024/25	Actuals By END Dec		
Number of functional public-private partnerships established for technology development and promotion	Number	10	7		

Programme:01 Agro-Industrialization						
SubProgramme:02 Agricultural Production and Productivity						
Sub SubProgramme:01 Agricultural Research						
Project:1619 Retooling of National Agricultural Research Organizat	tion					
Budget Output: 010010 Technology Generation						
PIAP Output: 01040705 Demand driven agriculture technologies de	veloped					
Programme Intervention: 010407 Strengthen agricultural research a	and technology develo	pment				
PIAP Output Indicators	Indicator Measure	Planned 2024/25	Actuals By END Dec			
Number of research products and services for food and nutrition security generated	Number	24	10			
Budget Output: 010011 Technology Promotion	1					
PIAP Output: 01040705 Demand driven agriculture technologies de	veloped					
Programme Intervention: 010407 Strengthen agricultural research and technology development						
PIAP Output Indicators	Indicator Measure	Planned 2024/25	Actuals By END Dec			
Number of improved technologies and innovations adopted	Number	18	18			

#### Performance highlights for the Quarter

To strengthen its capacity for transformative agricultural research, NARO supported 23 civil works projects during the review period, achieving an 82.6% performance level. The National Seed System was bolstered through the production and delivery of 28 MT of quality seed to uptake pathways. As a special intervention in technology promotion for FY 2024/2025, NARO has intensified efforts to generate and promote improved TIMPs in collaboration with Uganda's cultural institutions as technology uptake pathways. Additionally, NARO partnered with seed companies and local seed businesses and maintained 34 licensing agreements with ten seed companies to commercialize 98 improved plant varieties. To enhance efficiency, NARO established a Single Grants Account for off-budget projects and initiated the development of the 2025/26–2029/30 Strategic Plan to guide future investments.

#### Variances and Challenges

During the first half of FY 2024/2025, NARO faced several challenges that hindered the timely achievement of its targets and impact on beneficiaries. Despite acquiring 24 new vehicles, the organization still struggles with an aging fleet, with many vehicles exceeding 250,000 km in mileage, limiting effective research mobility. Land encroachment continues to obstruct the implementation of the agricultural research agenda, while inadequate staffing, despite ongoing recruitment efforts, constrains overall performance. Additionally, insufficient funding has created significant human and physical resource gaps, limiting research capacity. The expansion of coffee-related activities, previously handled by UCDA, further necessitates increased financial support to sustain agricultural research efforts.

#### V3: Details of Releases and Expenditure

Table V3.1: GoU Releases and Expenditure by Budget Output\*

Billion Uganda Shillings	Approved Budget	Revised Budget	Released by End Dec	Spent by End Dec	% GoU Budget Released	% GoU Budget Spent	% GoU Releases Spent
Programme:01 Agro-Industrialization	105.902	105.902	51.902	44.361	49.0 %	41.9 %	85.5 %
Sub SubProgramme:01 Agricultural Research	105.902	105.902	51.902	44.361	49.0 %	41.9 %	85.5 %
000001 Audit and Risk Management	0.130	0.130	0.060	0.054	46.2%	41.5%	90.0%
000003 Facilities and Equipment Management	2.663	2.663	1.249	0.726	46.9%	27.3%	58.1%
000013 HIV/AIDS Mainstreaming	0.027	0.027	0.012	0.005	44.4%	18.5%	41.7%
000014 Administrative and Support Services	58.759	58.759	29.377	29.200	50.0%	49.7%	99.4%
000017 Infrastructure Development and Management	9.326	9.326	5.158	4.098	55.3%	43.9%	79.4%
000089 Climate Change Mitigation	0.050	0.050	0.023	0.023	46.0%	46.0%	100.0%
000090 Climate Change Adaptation	0.050	0.050	0.023	0.008	46.0%	16.0%	34.8%
010008 Capacity Strengthening	8.663	8.663	4.380	3.075	50.6%	35.5%	70.2%
010009 Research Partnerships	1.500	1.500	0.750	0.678	50.0%	45.2%	90.4%
010010 Technology Generation	20.367	20.367	8.611	5.127	42.3%	25.2%	59.5%
010011 Technology Promotion	4.368	4.368	2.260	1.367	51.7%	31.3%	60.5%
Programme:17 Regional Balanced Development	0.099	0.099	0.099	0.015	100.0 %	15.2 %	15.2 %
Sub SubProgramme:01 Agricultural Research	0.099	0.099	0.099	0.015	100.0 %	15.2 %	15.2 %
010010 Technology Generation	0.050	0.050	0.050	0.015	100.0%	30.0%	30.0%
010011 Technology Promotion	0.049	0.049	0.049	0.000	100.0%	0.0%	0.0%
Total for the Vote	106.001	106.001	52.001	44.376	49.1 %	41.9 %	85.3 %