

# VOTE: 142 National Agricultural Research Organization (NARO)

Table V1: Overview of Vote Expenditure (Ushs Billion)

		MTEF Budget Projections					
		2023/24 Approved Budget	2024/25 Approved Estimates	2025/26	2026/27	2027/28	2028/29
<b>Recurrent</b>	Wage	43.462	43.462	45.635	47.917	11.399	55.344
	Non-Wage	42.055	27.489	20.101	25.118	27.727	35.258
<b>Devt.</b>	GoU	80.970	34.963	7.000	31.218	24.439	20.727
	Ext Fin.	0.000	0.000	0.000	0.000	0.000	0.000
<b>GoU Total</b>		<b>166.487</b>	<b>105.914</b>	<b>72.736</b>	<b>104.253</b>	<b>63.565</b>	<b>111.330</b>
<b>Total GoU+Ext Fin (MTEF)</b>		<b>166.487</b>	<b>105.914</b>	<b>72.736</b>	<b>104.253</b>	<b>63.565</b>	<b>111.330</b>
<b>Arrears</b>		0.000	0.087	0.000	0.000	0.000	0.000
<b>Total Budget</b>		<b>166.487</b>	<b>106.001</b>	<b>72.736</b>	<b>104.253</b>	<b>63.565</b>	<b>111.330</b>
<b>Total Vote Budget Excluding Arrears</b>		<b>166.487</b>	<b>105.914</b>	<b>72.736</b>	<b>104.253</b>	<b>63.565</b>	<b>111.330</b>

Table V2: Summary of Vote Estimates by Sub-SubProgramme, Department and Project

Thousand Uganda Shillings	2023/24 Approved Budget			2024/25 Approved Estimates		
<b>Programme 01 Agro-Industrialization</b>						
SubProgramme 01 Institutional Strengthening and Coordination						
<b>Sub SubProgramme 01 Agricultural Research</b>						
<b>Recurrent Budget Estimates</b>	<b>Wage</b>	<b>NonWage</b>	<b>Total</b>	<b>Wage</b>	<b>NonWage</b>	<b>Total</b>
007 NARO-SECRETARIATE	43,462,109	23,359,830	66,821,939	43,462,109	15,553,738	59,015,847
<b>Total Recurrent Budget Estimates for Sub-SubProgramme</b>	<b>43,462,109</b>	<b>23,359,830</b>	<b>66,821,939</b>	<b>43,462,109</b>	<b>15,553,738</b>	<b>59,015,847</b>
<b>Development Budget Estimates</b>	<b>GoU Dev't</b>	<b>External Fin.</b>	<b>Total</b>	<b>GoU Dev't</b>	<b>External Fin.</b>	<b>Total</b>
Total for Sub Sub Programme 01	43,462,109	23,359,830	66,821,939	43,462,109	15,553,738	59,015,847
SubProgramme 02 Agricultural Production and Productivity						
<b>Sub SubProgramme 01 Agricultural Research</b>						
<b>Recurrent Budget Estimates</b>	<b>Wage</b>	<b>NonWage</b>	<b>Total</b>	<b>Wage</b>	<b>NonWage</b>	<b>Total</b>
001 Abi Zonal Agriculture Research Institute(ZARDI)	0	100,000	100,000	0	100,000	100,000
002 Buginyaya Zonal Agriculture Research Institute(ZARDI)	0	250,000	250,000	0	250,000	250,000
003 Bulindi Zonal Agriculture Research Institute(ZARDI)	0	100,000	100,000	0	100,000	100,000
004 Kachwekano Zonal Agriculture Research Institute(ZARDI)	0	175,000	175,000	0	100,000	100,000

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<i>Thousand Uganda Shillings</i>	2023/24 Approved Budget			2024/25 Approved Estimates		
<b>Programme 01 Agro-Industrialization</b>						
SubProgramme 02 Agricultural Production and Productivity						
<i>Recurrent Budget Estimates</i>	Wage	NonWage	Total	Wage	NonWage	Total
005 Mbarara Zonal Agriculture Research Institute(ZARDI)	0	100,000	<b>100,000</b>	0	100,000	<b>100,000</b>
006 Nabuin Zonal Agriculture Research Institute(ZARDI)	0	100,000	<b>100,000</b>	0	100,000	<b>100,000</b>
007 NARO-SECRETARIATE	0	0	<b>0</b>	0	9,661,665	<b>9,661,665</b>
008 National Agricultural Research Laboratories	0	250,000	<b>250,000</b>	0	250,000	<b>250,000</b>
009 National Coffee Research Institute	0	175,000	<b>175,000</b>	0	175,000	<b>175,000</b>
010 National Crops Resources Research Institute	0	175,000	<b>175,000</b>	0	175,000	<b>175,000</b>
011 National Fisheries Resources Research Institute	0	175,000	<b>175,000</b>	0	175,000	<b>175,000</b>
012 National Forestry Resources Research Institute	0	100,000	<b>100,000</b>	0	100,000	<b>100,000</b>
013 Mukono Zonal Agriculture Research Institute (ZARDI)	0	175,000	<b>175,000</b>	0	175,000	<b>175,000</b>
014 National Livestock Resources Research Institute (NaLIRRI)	0	16,345,270	<b>16,345,270</b>	0	0	<b>0</b>
015 National Semi Arid Resources Research Institute (NaSARRI)	0	100,000	<b>100,000</b>	0	100,000	<b>100,000</b>
016 Ngetta ZARDI	0	100,000	<b>100,000</b>	0	100,000	<b>100,000</b>
017 Rwebitaba ZARDI	0	175,000	<b>175,000</b>	0	175,000	<b>175,000</b>
<b>Total Recurrent Budget Estimates for Sub-SubProgramme</b>	<b>0</b>	<b>18,595,270</b>	<b>18,595,270</b>	<b>0</b>	<b>11,836,665</b>	<b>11,836,665</b>
<i>Development Budget Estimates</i>	GoU Dev't	External Fin.	Total	GoU Dev't	External Fin.	Total
1560 Relocation and Operationalisation of the National Livestock Resources Research Institute(NALIRRI)	21,000,000	0	<b>21,000,000</b>	5,000,000	0	<b>5,000,000</b>
1619 Retooling of National Agricultural Research Organization	59,970,000	0	<b>59,970,000</b>	30,049,583	0	<b>30,049,583</b>
<b>Total Development Budget Estimates for Sub-SubProgramme</b>	<b>80,970,000</b>	<b>0</b>	<b>80,970,000</b>	<b>35,049,583</b>	<b>0</b>	<b>35,049,583</b>
<i>Total for Sub Sub Programme 01</i>	<i>80,970,000</i>	<i>18,595,270</i>	<i>99,565,270</i>	<i>35,049,583</i>	<i>11,836,665</i>	<i>46,886,248</i>
<b>Total for Programme 01</b>	<b>124,432,109</b>	<b>41,955,100</b>	<b>166,387,209</b>	<b>78,511,692</b>	<b>27,390,403</b>	<b>105,902,095</b>
<b>Programme 17 Regional Balanced Development</b>						
SubProgramme 01 Production and productivity						
<b>Sub SubProgramme 01 Agricultural Research</b>						

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<i>Thousand Uganda Shillings</i>	2023/24 Approved Budget			2024/25 Approved Estimates		
<b>Programme 17 Regional Balanced Development</b>						
SubProgramme 01 Production and productivity						
<b><i>Recurrent Budget Estimates</i></b>	<b>Wage</b>	<b>NonWage</b>	<b>Total</b>	<b>Wage</b>	<b>NonWage</b>	<b>Total</b>
002 Buginyaya Zonal Agriculture Research Institute(ZARDI)	0	100,000	<b>100,000</b>	0	99,000	<b>99,000</b>
<b>Total Recurrent Budget Estimates for Sub-SubProgramme</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>99,000</b>	<b>99,000</b>
<b><i>Development Budget Estimates</i></b>	<b>GoU Dev't</b>	<b>External Fin.</b>	<b>Total</b>	<b>GoU Dev't</b>	<b>External Fin.</b>	<b>Total</b>
<i>Total for Sub Sub Programme 01</i>	0	100,000	100,000	0	99,000	99,000
<b>Total for Programme 17</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>99,000</b>	<b>99,000</b>
<b>Grand Total Vote 142</b>	<b>124,432,109</b>	<b>42,055,100</b>	<b>166,487,209</b>	<b>78,511,692</b>	<b>27,489,403</b>	<b>106,001,095</b>
<b>Total Excluding Arrears</b>	<b>124,432,109</b>	<b>42,055,100</b>	<b>166,487,209</b>	<b>78,424,955</b>	<b>27,489,403</b>	<b>105,914,359</b>

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Table V3: Summary Vote Estimates by Economic Classification

Thousand Uganda Shillings	2023/24 Approved Budget			2024/25 Approved Estimates		
	GoU	External Fin.	Total	GoU	External Fin.	Total
211 Wages and Salaries	55,889,180	0	55,889,180	55,701,318	0	55,701,318
212 Social Contributions	5,177,023	0	5,177,023	5,260,581	0	5,260,581
221 General Use of goods and services	1,882,181	0	1,882,181	1,370,290	0	1,370,290
222 Communications	619,162	0	619,162	608,419	0	608,419
223 Utility and Property Expenses	1,559,002	0	1,559,002	1,198,003	0	1,198,003
224 Supplies and Services	34,469,397	0	34,469,397	22,333,780	0	22,333,780
225 Professional Services	1,334,179	0	1,334,179	585,276	0	585,276
226 Insurances and Licenses	136,337	0	136,337	740,608	0	740,608
227 Travel and Transport	1,418,255	0	1,418,255	1,561,696	0	1,561,696
228 Maintenance	1,913,026	0	1,913,026	1,374,716	0	1,374,716
262 Grants To International Organisations - CURRENT	1,950,000	0	1,950,000	1,450,000	0	1,450,000
273 Employment-related social benefits	10,200	0	10,200	0	0	0
282 Current transfers not elsewhere classified	50,000	0	50,000	50,000	0	50,000
312 Acquisition of Produced Assets	50,000,000	0	50,000,000	7,221,730	0	7,221,730
313 Major Repairs, Overhaul and Improvement to Produced Assets	10,079,268	0	10,079,268	6,457,941	0	6,457,941
352 Financial Assets	0	0	0	86,737	0	86,737
<b>Grand Total Vote 142</b>	<b>166,487,209</b>	<b>0</b>	<b>166,487,209</b>	<b>106,001,095</b>	<b>0</b>	<b>106,001,095</b>
<b>Total Excluding Arrears</b>	<b>166,487,209</b>	<b>0</b>	<b>166,487,209</b>	<b>105,914,359</b>	<b>0</b>	<b>105,914,359</b>

# VOTE: 142 National Agricultural Research Organization (NARO)

Table V4: Summary Vote Estimates by Item

<i>Thousand Uganda Shillings</i>	2023/24 Approved Budget			2024/25 Approved Estimates		
	GoU	External Fin.	Total	GoU	External Fin.	Total
211102 Contract Staff Salaries	43,462,109	0	43,462,109	43,462,109	0	<b>43,462,109</b>
211104 Employee Gratuity	10,865,527	0	10,865,527	10,865,527	0	<b>10,865,527</b>
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	1,465,448	0	1,465,448	1,238,682	0	<b>1,238,682</b>
211107 Boards, Committees and Council Allowances	96,095	0	96,095	135,000	0	<b>135,000</b>
212101 Social Security Contributions	4,592,323	0	4,592,323	4,364,211	0	<b>4,364,211</b>
212102 Medical expenses (Employees)	350,000	0	350,000	821,120	0	<b>821,120</b>
212103 Incapacity benefits (Employees)	234,700	0	234,700	75,250	0	<b>75,250</b>
221001 Advertising and Public Relations	580,660	0	580,660	268,230	0	<b>268,230</b>
221002 Workshops, Meetings and Seminars	10,000	0	10,000	0	0	<b>0</b>
221003 Staff Training	52,600	0	52,600	155,161	0	<b>155,161</b>
221004 Recruitment Expenses	60,000	0	60,000	220,000	0	<b>220,000</b>
221007 Books, Periodicals & Newspapers	21,933	0	21,933	12,000	0	<b>12,000</b>
221008 Information and Communication Technology Supplies.	372,040	0	372,040	172,969	0	<b>172,969</b>
221009 Welfare and Entertainment	280,891	0	280,891	150,539	0	<b>150,539</b>
221011 Printing, Stationery, Photocopying and Binding	370,615	0	370,615	263,391	0	<b>263,391</b>
221012 Small Office Equipment	10,001	0	10,001	0	0	<b>0</b>
221016 Systems Recurrent costs	60,000	0	60,000	95,000	0	<b>95,000</b>
221017 Membership dues and Subscription fees.	63,441	0	63,441	33,000	0	<b>33,000</b>
222001 Information and Communication Technology Services.	610,777	0	610,777	606,419	0	<b>606,419</b>
222002 Postage and Courier	8,385	0	8,385	2,000	0	<b>2,000</b>
223001 Property Management Expenses	207,288	0	207,288	81,000	0	<b>81,000</b>
223004 Guard and Security services	184,879	0	184,879	123,400	0	<b>123,400</b>
223005 Electricity	944,187	0	944,187	731,167	0	<b>731,167</b>
223006 Water	222,648	0	222,648	262,436	0	<b>262,436</b>
224002 Veterinary supplies and services	805,946	0	805,946	468,982	0	<b>468,982</b>
224003 Agricultural Supplies and Services	4,145,726	0	4,145,726	3,083,038	0	<b>3,083,038</b>
224004 Beddings, Clothing, Footwear and related Services	24,959	0	24,959	12,000	0	<b>12,000</b>
224005 Laboratory supplies and services	124,996	0	124,996	840,931	0	<b>840,931</b>

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<i>Thousand Uganda Shillings</i>	2023/24 Approved Budget			2024/25 Approved Estimates		
<i>Items</i>	GoU	External Fin.	Total	GoU	External Fin.	Total
224010 Protective Gear	19,485	0	19,485	6,000	0	6,000
224011 Research Expenses	29,348,285	0	29,348,285	17,922,829	0	17,922,829
225101 Consultancy Services	366,179	0	366,179	95,176	0	95,176
225201 Consultancy Services-Capital	520,000	0	520,000	31,000	0	31,000
225203 Appraisal and Feasibility Studies for Capital Works	0	0	0	250,000	0	250,000
225204 Monitoring and Supervision of capital work	448,000	0	448,000	209,100	0	209,100
226001 Insurances	17,155	0	17,155	690,608	0	690,608
226002 Licenses	119,182	0	119,182	50,000	0	50,000
227001 Travel inland	334,675	0	334,675	530,763	0	530,763
227003 Carriage, Haulage, Freight and transport hire	18,964	0	18,964	0	0	0
227004 Fuel, Lubricants and Oils	1,064,616	0	1,064,616	1,030,933	0	1,030,933
228001 Maintenance-Buildings and Structures	1,057,743	0	1,057,743	672,140	0	672,140
228002 Maintenance-Transport Equipment	516,936	0	516,936	320,042	0	320,042
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	201,524	0	201,524	349,000	0	349,000
228004 Maintenance-Other Fixed Assets	136,823	0	136,823	33,534	0	33,534
262201 Contributions to International Organisations-Capital	1,950,000	0	1,950,000	1,450,000	0	1,450,000
273102 Incapacity, death benefits and funeral expenses	10,200	0	10,200	0	0	0
282107 Contributions to Non-Government institutions	50,000	0	50,000	50,000	0	50,000
312121 Non-Residential Buildings - Acquisition	19,000,000	0	19,000,000	2,688,730	0	2,688,730
312221 Light ICT hardware - Acquisition	0	0	0	35,000	0	35,000
312233 Medical, Laboratory and Research & appliances - Acquisition	31,000,000	0	31,000,000	3,970,000	0	3,970,000
312235 Furniture and Fittings - Acquisition	0	0	0	528,000	0	528,000
313121 Non-Residential Buildings - Improvement	9,355,000	0	9,355,000	6,087,000	0	6,087,000
313139 Other Structures - Improvement	0	0	0	60,000	0	60,000
313149 Other Land Improvements - Improvement	0	0	0	310,941	0	310,941
313233 Medical, Laboratory and Research & appliances - Improvement	574,268	0	574,268	0	0	0
313235 Furniture and Fittings - Improvement	150,000	0	150,000	0	0	0

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<i>Thousand Uganda Shillings</i>	2023/24 Approved Budget			2024/25 Approved Estimates		
<i>Items</i>	GoU	External Fin.	Total	GoU	External Fin.	Total
352882 Utility Arrears Budgeting	0	0	0	86,737	0	86,737
<b>Grand Total Vote 142</b>	<b>166,487,209</b>	<b>0</b>	<b>166,487,209</b>	<b>106,001,095</b>	<b>0</b>	<b>106,001,095</b>
<i>Total Excluding Arrears</i>	<b>166,487,209</b>	<b>0</b>	<b>166,487,209</b>	<b>105,914,359</b>	<b>0</b>	<b>105,914,359</b>

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Table V5: Detailed Estimates by Sub-SubProgramme, Department, Project, Output and Item

<i>Thousands Uganda Shillings</i>	2023/24 Approved Budget			2024/25 Approved Estimates		
<b>Programme 01 Agro-Industrialization</b>						
<b>SubProgramme 01 Institutional Strengthening and Coordination</b>						
<b>Sub-SubProgramme 01 Agricultural Research</b>						
<b>Recurrent Budget Estimates</b>						
	Wage	NonWage	Total	Wage	NonWage	Total
Department 007 NARO-SECRETARIATE						
<b>Budget Output 000001 Audit and Risk Management</b>						
221003 Staff Training	0	20,600	<b>20,600</b>	0	20,600	<b>20,600</b>
224011 Research Expenses	0	109,400	<b>109,400</b>	0	54,700	<b>54,700</b>
227001 Travel inland	0	0	<b>0</b>	0	54,700	<b>54,700</b>
<b>Total Cost of Budget Output 000001</b>	<b>0</b>	<b>130,000</b>	<b>130,000</b>	<b>0</b>	<b>130,000</b>	<b>130,000</b>
<b>Budget Output 000013 HIV/AIDS Mainstreaming</b>						
224011 Research Expenses	0	48,730	<b>48,730</b>	0	27,000	<b>27,000</b>
<b>Total Cost of Budget Output 000013</b>	<b>0</b>	<b>48,730</b>	<b>48,730</b>	<b>0</b>	<b>27,000</b>	<b>27,000</b>
<b>Budget Output 000014 Administrative and Support Services</b>						
211102 Contract Staff Salaries	43,462,109	0	<b>43,462,109</b>	43,462,109	0	<b>43,462,109</b>
211104 Employee Gratuity	0	10,865,527	<b>10,865,527</b>	0	10,865,527	<b>10,865,527</b>
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	0	690,773	<b>690,773</b>	0	0	<b>0</b>
211107 Boards, Committees and Council Allowances	0	35,095	<b>35,095</b>	0	0	<b>0</b>
212101 Social Security Contributions	0	4,592,323	<b>4,592,323</b>	0	4,364,211	<b>4,364,211</b>
212102 Medical expenses (Employees)	0	350,000	<b>350,000</b>	0	0	<b>0</b>
212103 Incapacity benefits (Employees)	0	225,000	<b>225,000</b>	0	0	<b>0</b>
221007 Books, Periodicals & Newspapers	0	2,000	<b>2,000</b>	0	0	<b>0</b>
221009 Welfare and Entertainment	0	267,130	<b>267,130</b>	0	0	<b>0</b>
221011 Printing, Stationery, Photocopying and Binding	0	30,000	<b>30,000</b>	0	0	<b>0</b>
221016 Systems Recurrent costs	0	20,000	<b>20,000</b>	0	0	<b>0</b>
222001 Information and Communication Technology Services.	0	443,120	<b>443,120</b>	0	0	<b>0</b>
222002 Postage and Courier	0	2,000	<b>2,000</b>	0	0	<b>0</b>
223001 Property Management Expenses	0	97,802	<b>97,802</b>	0	0	<b>0</b>
223004 Guard and Security services	0	20,800	<b>20,800</b>	0	0	<b>0</b>



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Thousands Uganda Shillings	2023/24 Approved Budget			2024/25 Approved Estimates		
<b>Programme 01 Agro-Industrialization</b>						
<b>SubProgramme 01 Institutional Strengthening and Coordination</b>						
	<b>Wage</b>	<b>NonWage</b>	<b>Total</b>	<b>Wage</b>	<b>NonWage</b>	<b>Total</b>
Department 007 NARO-SECRETARIATE						
<b>Budget Output 000014 Administrative and Support Services</b>						
223005 Electricity	0	904,232	<b>904,232</b>	0	0	<b>0</b>
223006 Water	0	222,648	<b>222,648</b>	0	0	<b>0</b>
224002 Veterinary supplies and services	0	659,747	<b>659,747</b>	0	0	<b>0</b>
224003 Agricultural Supplies and Services	0	1,006,000	<b>1,006,000</b>	0	0	<b>0</b>
224004 Beddings, Clothing, Footwear and related Services	0	10,000	<b>10,000</b>	0	0	<b>0</b>
224011 Research Expenses	0	2,281,703	<b>2,281,703</b>	0	67,000	<b>67,000</b>
225101 Consultancy Services	0	50,000	<b>50,000</b>	0	0	<b>0</b>
226001 Insurances	0	10,000	<b>10,000</b>	0	0	<b>0</b>
227001 Travel inland	0	146,200	<b>146,200</b>	0	0	<b>0</b>
227004 Fuel, Lubricants and Oils	0	72,000	<b>72,000</b>	0	0	<b>0</b>
228001 Maintenance-Buildings and Structures	0	6,000	<b>6,000</b>	0	0	<b>0</b>
228002 Maintenance-Transport Equipment	0	60,000	<b>60,000</b>	0	0	<b>0</b>
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	0	4,800	<b>4,800</b>	0	0	<b>0</b>
228004 Maintenance-Other Fixed Assets	0	6,200	<b>6,200</b>	0	0	<b>0</b>
<b>Total Cost of Budget Output 000014</b>	<b>43,462,109</b>	<b>23,081,100</b>	<b>66,543,209</b>	<b>43,462,109</b>	<b>15,296,738</b>	<b>58,758,847</b>
<b>Budget Output 000089 Climate Change Mitigation</b>						
224011 Research Expenses	0	50,000	<b>50,000</b>	0	50,000	<b>50,000</b>
<b>Total Cost of Budget Output 000089</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>
<b>Budget Output 000090 Climate Change Adaptation</b>						
224011 Research Expenses	0	50,000	<b>50,000</b>	0	50,000	<b>50,000</b>
<b>Total Cost of Budget Output 000090</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>
<b>Total Cost for Department 007</b>	<b>43,462,109</b>	<b>23,359,830</b>	<b>66,821,939</b>	<b>43,462,109</b>	<b>15,553,738</b>	<b>59,015,847</b>
<b>Total Excluding Arrears</b>	<b>43,462,109</b>	<b>23,359,830</b>	<b>66,821,939</b>	<b>43,462,109</b>	<b>15,553,738</b>	<b>59,015,847</b>
<b>Development Budget Estimates</b>						
	<b>GoU</b>	<b>External Fin.</b>	<b>Total</b>	<b>GoU</b>	<b>External Fin.</b>	<b>Total</b>
<b>Total for Sub-SubProgramme 01</b>	<b>66,821,939</b>	<b>0</b>	<b>66,821,939</b>	<b>59,015,847</b>	<b>0</b>	<b>59,015,847</b>
<b>Total Excluding Arrears</b>	<b>66,821,939</b>	<b>0</b>	<b>66,821,939</b>	<b>59,015,847</b>	<b>0</b>	<b>59,015,847</b>

**VOTE: 142 National Agricultural Research Organization (NARO)**

<i>Thousands Uganda Shillings</i>	2023/24 Approved Budget			2024/25 Approved Estimates		
<b>Programme 01 Agro-Industrialization</b>						
<b>SubProgramme 02 Agricultural Production and Productivity</b>						
<b>Sub-SubProgramme 01 Agricultural Research</b>						
<b>Recurrent Budget Estimates</b>						
	Wage	NonWage	Total	Wage	NonWage	Total
Department 001 Abi Zonal Agriculture Research Institute(ZARDI)						
<b>Budget Output 010010 Technology Generation</b>						
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	0	10,000	<b>10,000</b>	0	10,000	<b>10,000</b>
221008 Information and Communication Technology Supplies.	0	3,000	<b>3,000</b>	0	0	<b>0</b>
221011 Printing, Stationery, Photocopying and Binding	0	4,000	<b>4,000</b>	0	0	<b>0</b>
224011 Research Expenses	0	21,000	<b>21,000</b>	0	15,250	<b>15,250</b>
227004 Fuel, Lubricants and Oils	0	12,000	<b>12,000</b>	0	0	<b>0</b>
<b>Total Cost of Budget Output 010010</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>	<b>0</b>	<b>25,250</b>	<b>25,250</b>
<b>Budget Output 010011 Technology Promotion</b>						
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	0	4,800	<b>4,800</b>	0	0	<b>0</b>
212103 Incapacity benefits (Employees)	0	1,500	<b>1,500</b>	0	0	<b>0</b>
221001 Advertising and Public Relations	0	1,200	<b>1,200</b>	0	3,500	<b>3,500</b>
221008 Information and Communication Technology Supplies.	0	0	<b>0</b>	0	4,500	<b>4,500</b>
221011 Printing, Stationery, Photocopying and Binding	0	0	<b>0</b>	0	4,500	<b>4,500</b>
223001 Property Management Expenses	0	2,000	<b>2,000</b>	0	0	<b>0</b>
223004 Guard and Security services	0	1,500	<b>1,500</b>	0	5,000	<b>5,000</b>
224004 Beddings, Clothing, Footwear and related Services	0	500	<b>500</b>	0	0	<b>0</b>
224011 Research Expenses	0	16,320	<b>16,320</b>	0	45,750	<b>45,750</b>
226001 Insurances	0	680	<b>680</b>	0	0	<b>0</b>
227001 Travel inland	0	9,000	<b>9,000</b>	0	0	<b>0</b>
227004 Fuel, Lubricants and Oils	0	0	<b>0</b>	0	6,000	<b>6,000</b>
228002 Maintenance-Transport Equipment	0	12,000	<b>12,000</b>	0	5,500	<b>5,500</b>
228004 Maintenance-Other Fixed Assets	0	500	<b>500</b>	0	0	<b>0</b>

# VOTE: 142 National Agricultural Research Organization (NARO)

Thousands Uganda Shillings	2023/24 Approved Budget			2024/25 Approved Estimates		
<b>Programme 01 Agro-Industrialization</b>						
<b>SubProgramme 02 Agricultural Production and Productivity</b>						
	Wage	NonWage	Total	Wage	NonWage	Total
Department 001 Abi Zonal Agriculture Research Institute(ZARDI)						
<i>Total Cost of Budget Output 010011</i>	0	50,000	50,000	0	74,750	74,750
<b>Total Cost for Department 001</b>	0	100,000	100,000	0	100,000	100,000
<i>Total Excluding Arrears</i>	0	100,000	100,000	0	100,000	100,000
Department 002 Buginyaya Zonal Agriculture Research Institute(ZARDI)						
<b>Budget Output 010010 Technology Generation</b>						
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	0	0	0	0	9,500	9,500
211107 Boards, Committees and Council Allowances	0	5,200	5,200	0	0	0
221001 Advertising and Public Relations	0	5,000	5,000	0	0	0
221008 Information and Communication Technology Supplies.	0	9,800	9,800	0	0	0
221011 Printing, Stationery, Photocopying and Binding	0	6,840	6,840	0	3,000	3,000
223001 Property Management Expenses	0	3,900	3,900	0	0	0
223004 Guard and Security services	0	15,000	15,000	0	0	0
224011 Research Expenses	0	24,160	24,160	0	40,400	40,400
227004 Fuel, Lubricants and Oils	0	6,500	6,500	0	0	0
228001 Maintenance-Buildings and Structures	0	2,000	2,000	0	0	0
228002 Maintenance-Transport Equipment	0	16,000	16,000	0	12,000	12,000
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	0	4,000	4,000	0	0	0
273102 Incapacity, death benefits and funeral expenses	0	1,600	1,600	0	0	0
<i>Total Cost of Budget Output 010010</i>	0	100,000	100,000	0	64,900	64,900
<b>Budget Output 010011 Technology Promotion</b>						
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	0	0	0	0	24,500	24,500
211107 Boards, Committees and Council Allowances	0	1,200	1,200	0	0	0
221001 Advertising and Public Relations	0	6,000	6,000	0	4,000	4,000
221008 Information and Communication Technology Supplies.	0	7,200	7,200	0	9,500	9,500

# VOTE: 142 National Agricultural Research Organization (NARO)

Thousands Uganda Shillings	2023/24 Approved Budget			2024/25 Approved Estimates		
<b>Programme 01 Agro-Industrialization</b>						
<b>SubProgramme 02 Agricultural Production and Productivity</b>						
	Wage	NonWage	Total	Wage	NonWage	Total
Department 002 Buginyaya Zonal Agriculture Research Institute(ZARDI)						
<b>Budget Output 010011 Technology Promotion</b>						
221011 Printing, Stationery, Photocopying and Binding	0	0	0	0	7,000	7,000
223001 Property Management Expenses	0	7,600	7,600	0	0	0
223004 Guard and Security services	0	0	0	0	15,000	15,000
224011 Research Expenses	0	80,400	80,400	0	64,980	64,980
227004 Fuel, Lubricants and Oils	0	10,200	10,200	0	20,120	20,120
228001 Maintenance-Buildings and Structures	0	11,000	11,000	0	26,000	26,000
228002 Maintenance-Transport Equipment	0	24,000	24,000	0	14,000	14,000
273102 Incapacity, death benefits and funeral expenses	0	2,400	2,400	0	0	0
<b>Total Cost of Budget Output 010011</b>	<b>0</b>	<b>150,000</b>	<b>150,000</b>	<b>0</b>	<b>185,100</b>	<b>185,100</b>
<b>Total Cost for Department 002</b>	<b>0</b>	<b>250,000</b>	<b>250,000</b>	<b>0</b>	<b>250,000</b>	<b>250,000</b>
<b>Total Excluding Arrears</b>	<b>0</b>	<b>250,000</b>	<b>250,000</b>	<b>0</b>	<b>250,000</b>	<b>250,000</b>
Department 003 Bulindi Zonal Agriculture Research Institute(ZARDI)						
<b>Budget Output 010010 Technology Generation</b>						
221008 Information and Communication Technology Supplies.	0	5,900	5,900	0	0	0
221017 Membership dues and Subscription fees.	0	2,000	2,000	0	0	0
223004 Guard and Security services	0	9,000	9,000	0	0	0
224011 Research Expenses	0	64,444	64,444	0	0	0
227004 Fuel, Lubricants and Oils	0	7,000	7,000	0	0	0
228001 Maintenance-Buildings and Structures	0	2,656	2,656	0	0	0
228002 Maintenance-Transport Equipment	0	8,000	8,000	0	0	0
273102 Incapacity, death benefits and funeral expenses	0	1,000	1,000	0	0	0
<b>Total Cost of Budget Output 010010</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Budget Output 010011 Technology Promotion</b>						
221001 Advertising and Public Relations	0	0	0	0	1,500	1,500
221008 Information and Communication Technology Supplies.	0	0	0	0	4,400	4,400

# VOTE: 142 National Agricultural Research Organization (NARO)

Thousands Uganda Shillings	2023/24 Approved Budget			2024/25 Approved Estimates		
<b>Programme 01 Agro-Industrialization</b>						
<b>SubProgramme 02 Agricultural Production and Productivity</b>						
	Wage	NonWage	Total	Wage	NonWage	Total
Department 003 Bulindi Zonal Agriculture Research Institute(ZARDI)						
<b>Budget Output 010011 Technology Promotion</b>						
224011 Research Expenses	0	0	0	0	44,400	44,400
227004 Fuel, Lubricants and Oils	0	0	0	0	7,200	7,200
228001 Maintenance-Buildings and Structures	0	0	0	0	2,000	2,000
228002 Maintenance-Transport Equipment	0	0	0	0	25,000	25,000
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	0	0	0	0	15,500	15,500
<b>Total Cost of Budget Output 010011</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>
<b>Total Cost for Department 003</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>
<b>Total Excluding Arrears</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>
Department 004 Kachwekano Zonal Agriculture Research Institute(ZARDI)						
<b>Budget Output 010010 Technology Generation</b>						
224003 Agricultural Supplies and Services	0	29,800	29,800	0	0	0
224011 Research Expenses	0	70,200	70,200	0	0	0
<b>Total Cost of Budget Output 010010</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Budget Output 010011 Technology Promotion</b>						
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	0	9,965	9,965	0	14,400	14,400
211107 Boards, Committees and Council Allowances	0	1,600	1,600	0	0	0
221007 Books, Periodicals & Newspapers	0	480	480	0	0	0
221008 Information and Communication Technology Supplies.	0	0	0	0	8,000	8,000
221011 Printing, Stationery, Photocopying and Binding	0	8,800	8,800	0	6,000	6,000
223001 Property Management Expenses	0	13,200	13,200	0	0	0
224011 Research Expenses	0	0	0	0	35,583	35,583
227001 Travel inland	0	5,331	5,331	0	9,900	9,900
227004 Fuel, Lubricants and Oils	0	0	0	0	8,517	8,517
228001 Maintenance-Buildings and Structures	0	26,024	26,024	0	0	0
228002 Maintenance-Transport Equipment	0	9,600	9,600	0	9,600	9,600

# VOTE: 142 National Agricultural Research Organization (NARO)

Thousands Uganda Shillings	2023/24 Approved Budget			2024/25 Approved Estimates		
<b>Programme 01 Agro-Industrialization</b>						
<b>SubProgramme 02 Agricultural Production and Productivity</b>						
	Wage	NonWage	Total	Wage	NonWage	Total
Department 004 Kachwekano Zonal Agriculture Research Institute(ZARDI)						
<b>Budget Output 010011 Technology Promotion</b>						
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	0	0	0	0	8,000	8,000
<b>Total Cost of Budget Output 010011</b>	<b>0</b>	<b>75,000</b>	<b>75,000</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>
<b>Total Cost for Department 004</b>	<b>0</b>	<b>175,000</b>	<b>175,000</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>
<b>Total Excluding Arrears</b>	<b>0</b>	<b>175,000</b>	<b>175,000</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>
Department 005 Mbarara Zonal Agriculture Research Institute(ZARDI)						
<b>Budget Output 010010 Technology Generation</b>						
224002 Veterinary supplies and services	0	6,000	6,000	0	0	0
224003 Agricultural Supplies and Services	0	15,000	15,000	0	0	0
224011 Research Expenses	0	29,000	29,000	0	0	0
<b>Total Cost of Budget Output 010010</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Budget Output 010011 Technology Promotion</b>						
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	0	0	0	0	11,200	11,200
211107 Boards, Committees and Council Allowances	0	4,000	4,000	0	0	0
221001 Advertising and Public Relations	0	0	0	0	7,750	7,750
222001 Information and Communication Technology Services.	0	4,000	4,000	0	0	0
224011 Research Expenses	0	28,000	28,000	0	50,950	50,950
227004 Fuel, Lubricants and Oils	0	5,000	5,000	0	4,100	4,100
228001 Maintenance-Buildings and Structures	0	4,000	4,000	0	8,000	8,000
228002 Maintenance-Transport Equipment	0	5,000	5,000	0	8,000	8,000
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	0	0	0	0	10,000	10,000
<b>Total Cost of Budget Output 010011</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>
<b>Total Cost for Department 005</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>
<b>Total Excluding Arrears</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>

# VOTE: 142 National Agricultural Research Organization (NARO)

Thousands Uganda Shillings	2023/24 Approved Budget			2024/25 Approved Estimates		
<b>Programme 01 Agro-Industrialization</b>						
<b>SubProgramme 02 Agricultural Production and Productivity</b>						
	Wage	NonWage	Total	Wage	NonWage	Total
Department 006 Nabuin Zonal Agriculture Research Institute(ZARDI)						
<b>Budget Output 010011 Technology Promotion</b>						
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	0	0	0	0	12,000	12,000
211107 Boards, Committees and Council Allowances	0	5,000	5,000	0	0	0
212103 Incapacity benefits (Employees)	0	1,500	1,500	0	0	0
221001 Advertising and Public Relations	0	2,000	2,000	0	2,000	2,000
221011 Printing, Stationery, Photocopying and Binding	0	4,000	4,000	0	4,000	4,000
223001 Property Management Expenses	0	4,000	4,000	0	0	0
223004 Guard and Security services	0	6,000	6,000	0	0	0
223005 Electricity	0	4,500	4,500	0	0	0
224011 Research Expenses	0	31,000	31,000	0	40,000	40,000
227004 Fuel, Lubricants and Oils	0	15,000	15,000	0	15,000	15,000
228001 Maintenance-Buildings and Structures	0	6,000	6,000	0	6,000	6,000
228002 Maintenance-Transport Equipment	0	15,000	15,000	0	15,000	15,000
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	0	6,000	6,000	0	6,000	6,000
<b>Total Cost of Budget Output 010011</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>
<b>Total Cost for Department 006</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>
<b>Total Excluding Arrears</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>
Department 007 NARO-SECRETARIATE						
<b>Budget Output 010008 Capacity Strengthening</b>						
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	0	0	0	0	256,609	256,609
212102 Medical expenses (Employees)	0	0	0	0	821,120	821,120
212103 Incapacity benefits (Employees)	0	0	0	0	72,250	72,250
224011 Research Expenses	0	0	0	0	674,154	674,154
228001 Maintenance-Buildings and Structures	0	0	0	0	10,640	10,640
<b>Total Cost of Budget Output 010008</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,834,774</b>	<b>1,834,774</b>

# VOTE: 142 National Agricultural Research Organization (NARO)

Thousands Uganda Shillings	2023/24 Approved Budget			2024/25 Approved Estimates		
<b>Programme 01 Agro-Industrialization</b>						
<b>SubProgramme 02 Agricultural Production and Productivity</b>						
	Wage	NonWage	Total	Wage	NonWage	Total
Department 007 NARO-SECRETARIATE						
<b>Budget Output 010010 Technology Generation</b>						
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	0	0	0	0	471,029	471,029
221009 Welfare and Entertainment	0	0	0	0	142,539	142,539
221011 Printing, Stationery, Photocopying and Binding	0	0	0	0	10,000	10,000
221016 Systems Recurrent costs	0	0	0	0	20,000	20,000
222001 Information and Communication Technology Services.	0	0	0	0	104,000	104,000
222002 Postage and Courier	0	0	0	0	2,000	2,000
223001 Property Management Expenses	0	0	0	0	76,000	76,000
223004 Guard and Security services	0	0	0	0	24,800	24,800
223005 Electricity	0	0	0	0	554,000	554,000
223006 Water	0	0	0	0	262,436	262,436
224002 Veterinary supplies and services	0	0	0	0	394,720	394,720
224003 Agricultural Supplies and Services	0	0	0	0	656,040	656,040
224004 Beddings, Clothing, Footwear and related Services	0	0	0	0	12,000	12,000
224011 Research Expenses	0	0	0	0	2,491,694	2,491,694
226001 Insurances	0	0	0	0	690,608	690,608
227001 Travel inland	0	0	0	0	32,463	32,463
227004 Fuel, Lubricants and Oils	0	0	0	0	38,920	38,920
228002 Maintenance-Transport Equipment	0	0	0	0	11,616	11,616
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	0	0	0	0	4,800	4,800
228004 Maintenance-Other Fixed Assets	0	0	0	0	8,200	8,200
<b>Total Cost of Budget Output 010010</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,007,866</b>	<b>6,007,866</b>
<b>Budget Output 010011 Technology Promotion</b>						
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	0	0	0	0	214,420	214,420
224011 Research Expenses	0	0	0	0	1,598,806	1,598,806



# VOTE: 142 National Agricultural Research Organization (NARO)

Thousands Uganda Shillings	2023/24 Approved Budget			2024/25 Approved Estimates		
<b>Programme 01 Agro-Industrialization</b>						
<b>SubProgramme 02 Agricultural Production and Productivity</b>						
	<b>Wage</b>	<b>NonWage</b>	<b>Total</b>	<b>Wage</b>	<b>NonWage</b>	<b>Total</b>
Department 007 NARO-SECRETARIATE						
<b>Budget Output 010011 Technology Promotion</b>						
228002 Maintenance-Transport Equipment	0	0	0	0	5,800	5,800
<b>Total Cost of Budget Output 010011</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,819,026</b>	<b>1,819,026</b>
<b>Total Cost for Department 007</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,661,665</b>	<b>9,661,665</b>
<b>Total Excluding Arrears</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,661,665</b>	<b>9,661,665</b>
Department 008 National Agricultural Research Laboratories						
<b>Budget Output 010010 Technology Generation</b>						
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	0	0	0	0	11,000	11,000
221003 Staff Training	0	4,000	4,000	0	0	0
221008 Information and Communication Technology Supplies.	0	7,000	7,000	0	0	0
222001 Information and Communication Technology Services.	0	6,000	6,000	0	0	0
224003 Agricultural Supplies and Services	0	10,000	10,000	0	0	0
224005 Laboratory supplies and services	0	0	0	0	16,000	16,000
224011 Research Expenses	0	60,350	60,350	0	69,300	69,300
227004 Fuel, Lubricants and Oils	0	8,000	8,000	0	17,800	17,800
228001 Maintenance-Buildings and Structures	0	24,650	24,650	0	0	0
228002 Maintenance-Transport Equipment	0	20,000	20,000	0	0	0
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	0	10,000	10,000	0	34,000	34,000
228004 Maintenance-Other Fixed Assets	0	0	0	0	12,000	12,000
<b>Total Cost of Budget Output 010010</b>	<b>0</b>	<b>150,000</b>	<b>150,000</b>	<b>0</b>	<b>160,100</b>	<b>160,100</b>
<b>Budget Output 010011 Technology promotion</b>						
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	0	65,650	65,650	0	0	0
211107 Boards, Committees and Council Allowances	0	6,000	6,000	0	0	0
221007 Books, Periodicals & Newspapers	0	3,500	3,500	0	0	0
221011 Printing, Stationery, Photocopying and Binding	0	0	0	0	4,600	4,600

# VOTE: 142 National Agricultural Research Organization (NARO)

Thousands Uganda Shillings	2023/24 Approved Budget			2024/25 Approved Estimates		
<b>Programme 01 Agro-Industrialization</b>						
<b>SubProgramme 02 Agricultural Production and Productivity</b>						
	Wage	NonWage	Total	Wage	NonWage	Total
Department 008 National Agricultural Research Laboratories						
<b>Budget Output 010011 Technology promotion</b>						
222002 Postage and Courier	0	250	250	0	0	0
223001 Property Management Expenses	0	6,000	6,000	0	0	0
223004 Guard and Security services	0	9,000	9,000	0	0	0
224011 Research Expenses	0	0	0	0	69,300	69,300
226001 Insurances	0	1,600	1,600	0	0	0
227004 Fuel, Lubricants and Oils	0	8,000	8,000	0	0	0
228002 Maintenance-Transport Equipment	0	0	0	0	16,000	16,000
<b>Total Cost of Budget Output 010011</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>89,900</b>	<b>89,900</b>
<b>Total Cost for Department 008</b>	<b>0</b>	<b>250,000</b>	<b>250,000</b>	<b>0</b>	<b>250,000</b>	<b>250,000</b>
<b>Total Excluding Arrears</b>	<b>0</b>	<b>250,000</b>	<b>250,000</b>	<b>0</b>	<b>250,000</b>	<b>250,000</b>
Department 009 National Coffee Research Institute						
<b>Budget Output 010010 Technology Generation</b>						
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	0	16,400	16,400	0	8,000	8,000
223004 Guard and Security services	0	0	0	0	8,000	8,000
223005 Electricity	0	0	0	0	28,000	28,000
224003 Agricultural Supplies and Services	0	17,455	17,455	0	9,000	9,000
224011 Research Expenses	0	17,000	17,000	0	19,000	19,000
227004 Fuel, Lubricants and Oils	0	16,645	16,645	0	16,000	16,000
228002 Maintenance-Transport Equipment	0	0	0	0	12,000	12,000
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	0	7,500	7,500	0	0	0
<b>Total Cost of Budget Output 010010</b>	<b>0</b>	<b>75,000</b>	<b>75,000</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>
<b>Budget Output 010011 Technology Promotion</b>						
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	0	0	0	0	8,000	8,000
212103 Incapacity benefits (Employees)	0	3,700	3,700	0	3,000	3,000
221001 Advertising and Public Relations	0	0	0	0	6,000	6,000
221007 Books, Periodicals & Newspapers	0	3,200	3,200	0	0	0

# VOTE: 142 National Agricultural Research Organization (NARO)

Thousands Uganda Shillings	2023/24 Approved Budget			2024/25 Approved Estimates		
<b>Programme 01 Agro-Industrialization</b>						
<b>SubProgramme 02 Agricultural Production and Productivity</b>						
	<b>Wage</b>	<b>NonWage</b>	<b>Total</b>	<b>Wage</b>	<b>NonWage</b>	<b>Total</b>
Department 009 National Coffee Research Institute						
<b>Budget Output 010011 Technology Promotion</b>						
221008 Information and Communication Technology Supplies.	0	40,000	<b>40,000</b>	0	0	<b>0</b>
221011 Printing, Stationery, Photocopying and Binding	0	4,000	<b>4,000</b>	0	0	<b>0</b>
222001 Information and Communication Technology Services.	0	6,000	<b>6,000</b>	0	0	<b>0</b>
222002 Postage and Courier	0	2,000	<b>2,000</b>	0	0	<b>0</b>
223001 Property Management Expenses	0	8,900	<b>8,900</b>	0	0	<b>0</b>
223004 Guard and Security services	0	8,000	<b>8,000</b>	0	0	<b>0</b>
224010 Protective Gear	0	7,000	<b>7,000</b>	0	0	<b>0</b>
224011 Research Expenses	0	0	<b>0</b>	0	48,000	<b>48,000</b>
228001 Maintenance-Buildings and Structures	0	10,000	<b>10,000</b>	0	10,000	<b>10,000</b>
228002 Maintenance-Transport Equipment	0	7,200	<b>7,200</b>	0	0	<b>0</b>
<b>Total Cost of Budget Output 010011</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>75,000</b>	<b>75,000</b>
<b>Total Cost for Department 009</b>	<b>0</b>	<b>175,000</b>	<b>175,000</b>	<b>0</b>	<b>175,000</b>	<b>175,000</b>
<b>Total Excluding Arrears</b>	<b>0</b>	<b>175,000</b>	<b>175,000</b>	<b>0</b>	<b>175,000</b>	<b>175,000</b>
Department 010 National Crops Resources Research Institute						
<b>Budget Output 010010 Technology Generation</b>						
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	0	0	<b>0</b>	0	34,000	<b>34,000</b>
221008 Information and Communication Technology Supplies.	0	12,000	<b>12,000</b>	0	6,000	<b>6,000</b>
222001 Information and Communication Technology Services.	0	36,000	<b>36,000</b>	0	0	<b>0</b>
223004 Guard and Security services	0	12,000	<b>12,000</b>	0	0	<b>0</b>
227004 Fuel, Lubricants and Oils	0	30,000	<b>30,000</b>	0	19,000	<b>19,000</b>
228002 Maintenance-Transport Equipment	0	0	<b>0</b>	0	16,000	<b>16,000</b>
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	0	10,000	<b>10,000</b>	0	0	<b>0</b>
<b>Total Cost of Budget Output 010010</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>75,000</b>	<b>75,000</b>

# VOTE: 142 National Agricultural Research Organization (NARO)

Thousands Uganda Shillings	2023/24 Approved Budget			2024/25 Approved Estimates		
<b>Programme 01 Agro-Industrialization</b>						
<b>SubProgramme 02 Agricultural Production and Productivity</b>						
	Wage	NonWage	Total	Wage	NonWage	Total
Department 010 National Crops Resources Research Institute						
<b>Budget Output 010011 Technology Promotion</b>						
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	0	45,000	<b>45,000</b>	0	0	<b>0</b>
221009 Welfare and Entertainment	0	4,000	<b>4,000</b>	0	0	<b>0</b>
221011 Printing, Stationery, Photocopying and Binding	0	8,000	<b>8,000</b>	0	16,000	<b>16,000</b>
223001 Property Management Expenses	0	8,000	<b>8,000</b>	0	0	<b>0</b>
223005 Electricity	0	0	<b>0</b>	0	20,000	<b>20,000</b>
224011 Research Expenses	0	0	<b>0</b>	0	64,000	<b>64,000</b>
228002 Maintenance-Transport Equipment	0	10,000	<b>10,000</b>	0	0	<b>0</b>
<b>Total Cost of Budget Output 010011</b>	<b>0</b>	<b>75,000</b>	<b>75,000</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>
<b>Total Cost for Department 010</b>	<b>0</b>	<b>175,000</b>	<b>175,000</b>	<b>0</b>	<b>175,000</b>	<b>175,000</b>
<b>Total Excluding Arrears</b>	<b>0</b>	<b>175,000</b>	<b>175,000</b>	<b>0</b>	<b>175,000</b>	<b>175,000</b>
Department 011 National Fisheries Resources Research Institute						
<b>Budget Output 010010 Technology Generation</b>						
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	0	0	<b>0</b>	0	11,350	<b>11,350</b>
221001 Advertising and Public Relations	0	0	<b>0</b>	0	4,080	<b>4,080</b>
221008 Information and Communication Technology Supplies.	0	0	<b>0</b>	0	1,500	<b>1,500</b>
221011 Printing, Stationery, Photocopying and Binding	0	2,500	<b>2,500</b>	0	0	<b>0</b>
222001 Information and Communication Technology Services.	0	12,000	<b>12,000</b>	0	0	<b>0</b>
223004 Guard and Security services	0	2,550	<b>2,550</b>	0	0	<b>0</b>
224003 Agricultural Supplies and Services	0	16,000	<b>16,000</b>	0	8,000	<b>8,000</b>
224011 Research Expenses	0	56,550	<b>56,550</b>	0	111,900	<b>111,900</b>
227004 Fuel, Lubricants and Oils	0	5,900	<b>5,900</b>	0	12,470	<b>12,470</b>
228001 Maintenance-Buildings and Structures	0	0	<b>0</b>	0	11,100	<b>11,100</b>
228002 Maintenance-Transport Equipment	0	3,000	<b>3,000</b>	0	6,300	<b>6,300</b>

# VOTE: 142 National Agricultural Research Organization (NARO)

Thousands Uganda Shillings	2023/24 Approved Budget			2024/25 Approved Estimates		
<b>Programme 01 Agro-Industrialization</b>						
<b>SubProgramme 02 Agricultural Production and Productivity</b>						
	Wage	NonWage	Total	Wage	NonWage	Total
Department 011 National Fisheries Resources Research Institute						
<b>Budget Output 010010 Technology Generation</b>						
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	0	1,500	1,500	0	8,300	8,300
<b>Total Cost of Budget Output 010010</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>175,000</b>	<b>175,000</b>
<b>Budget Output 010011 Technology Promotion</b>						
211107 Boards, Committees and Council Allowances	0	8,000	8,000	0	0	0
221011 Printing, Stationery, Photocopying and Binding	0	3,400	3,400	0	0	0
222001 Information and Communication Technology Services.	0	8,800	8,800	0	0	0
223004 Guard and Security services	0	6,000	6,000	0	0	0
224011 Research Expenses	0	27,800	27,800	0	0	0
228001 Maintenance-Buildings and Structures	0	10,200	10,200	0	0	0
228002 Maintenance-Transport Equipment	0	5,000	5,000	0	0	0
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	0	5,800	5,800	0	0	0
<b>Total Cost of Budget Output 010011</b>	<b>0</b>	<b>75,000</b>	<b>75,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Cost for Department 011</b>	<b>0</b>	<b>175,000</b>	<b>175,000</b>	<b>0</b>	<b>175,000</b>	<b>175,000</b>
<b>Total Excluding Arrears</b>	<b>0</b>	<b>175,000</b>	<b>175,000</b>	<b>0</b>	<b>175,000</b>	<b>175,000</b>
Department 012 National Forestry Resources Research Institute						
<b>Budget Output 010010 Technology Generation</b>						
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	0	0	0	0	4,000	4,000
221001 Advertising and Public Relations	0	0	0	0	3,000	3,000
221011 Printing, Stationery, Photocopying and Binding	0	0	0	0	6,000	6,000
224011 Research Expenses	0	42,000	42,000	0	37,000	37,000
227004 Fuel, Lubricants and Oils	0	0	0	0	8,000	8,000
228001 Maintenance-Buildings and Structures	0	0	0	0	4,000	4,000
228002 Maintenance-Transport Equipment	0	8,000	8,000	0	6,000	6,000

# VOTE: 142 National Agricultural Research Organization (NARO)

Thousands Uganda Shillings	2023/24 Approved Budget			2024/25 Approved Estimates		
<b>Programme 01 Agro-Industrialization</b>						
<b>SubProgramme 02 Agricultural Production and Productivity</b>						
	Wage	NonWage	Total	Wage	NonWage	Total
Department 012 National Forestry Resources Research Institute						
<b>Budget Output 010010 Technology Generation</b>						
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	0	0	0	0	8,000	8,000
<b>Total Cost of Budget Output 010010</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>	<b>0</b>	<b>76,000</b>	<b>76,000</b>
<b>Budget Output 010011 Technology Promotion</b>						
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	0	10,860	10,860	0	0	0
221001 Advertising and Public Relations	0	3,000	3,000	0	0	0
221007 Books, Periodicals & Newspapers	0	2,000	2,000	0	0	0
221011 Printing, Stationery, Photocopying and Binding	0	8,000	8,000	0	0	0
222001 Information and Communication Technology Services.	0	2,000	2,000	0	0	0
222002 Postage and Courier	0	1,000	1,000	0	0	0
223001 Property Management Expenses	0	5,000	5,000	0	0	0
223004 Guard and Security services	0	3,336	3,336	0	0	0
224010 Protective Gear	0	1,000	1,000	0	0	0
224011 Research Expenses	0	4,000	4,000	0	24,000	24,000
228001 Maintenance-Buildings and Structures	0	4,000	4,000	0	0	0
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	0	5,804	5,804	0	0	0
<b>Total Cost of Budget Output 010011</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>	<b>0</b>	<b>24,000</b>	<b>24,000</b>
<b>Total Cost for Department 012</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>
<b>Total Excluding Arrears</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>
Department 013 Mukono Zonal Agriculture Research Institute (ZARDI)						
<b>Budget Output 010010 Technology Generation</b>						
221001 Advertising and Public Relations	0	12,750	12,750	0	0	0
221011 Printing, Stationery, Photocopying and Binding	0	6,700	6,700	0	0	0
223004 Guard and Security services	0	36,000	36,000	0	0	0
224011 Research Expenses	0	23,450	23,450	0	0	0

# VOTE: 142 National Agricultural Research Organization (NARO)

Thousands Uganda Shillings	2023/24 Approved Budget			2024/25 Approved Estimates		
<b>Programme 01 Agro-Industrialization</b>						
<b>SubProgramme 02 Agricultural Production and Productivity</b>						
	Wage	NonWage	Total	Wage	NonWage	Total
Department 013 Mukono Zonal Agriculture Research Institute (ZARDI)						
<b>Budget Output 010010 Technology Generation</b>						
227004 Fuel, Lubricants and Oils	0	4,100	<b>4,100</b>	0	0	<b>0</b>
228002 Maintenance-Transport Equipment	0	14,000	<b>14,000</b>	0	0	<b>0</b>
273102 Incapacity, death benefits and funeral expenses	0	3,000	<b>3,000</b>	0	0	<b>0</b>
<b>Total Cost of Budget Output 010010</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Budget Output 010011 Technology Promotion</b>						
222001 Information and Communication Technology Services.	0	6,000	<b>6,000</b>	0	6,700	<b>6,700</b>
223001 Property Management Expenses	0	10,912	<b>10,912</b>	0	0	<b>0</b>
223004 Guard and Security services	0	0	<b>0</b>	0	32,600	<b>32,600</b>
224011 Research Expenses	0	24,088	<b>24,088</b>	0	73,700	<b>73,700</b>
228001 Maintenance-Buildings and Structures	0	28,000	<b>28,000</b>	0	45,300	<b>45,300</b>
228002 Maintenance-Transport Equipment	0	0	<b>0</b>	0	11,700	<b>11,700</b>
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	0	4,000	<b>4,000</b>	0	4,000	<b>4,000</b>
228004 Maintenance-Other Fixed Assets	0	2,000	<b>2,000</b>	0	1,000	<b>1,000</b>
<b>Total Cost of Budget Output 010011</b>	<b>0</b>	<b>75,000</b>	<b>75,000</b>	<b>0</b>	<b>175,000</b>	<b>175,000</b>
<b>Total Cost for Department 013</b>	<b>0</b>	<b>175,000</b>	<b>175,000</b>	<b>0</b>	<b>175,000</b>	<b>175,000</b>
<b>Total Excluding Arrears</b>	<b>0</b>	<b>175,000</b>	<b>175,000</b>	<b>0</b>	<b>175,000</b>	<b>175,000</b>
Department 014 National Livestock Resources Research Institute (NaLIRRI)						
<b>Budget Output 010010 Technology Generation</b>						
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	0	100,000	<b>100,000</b>	0	0	<b>0</b>
222001 Information and Communication Technology Services.	0	10,000	<b>10,000</b>	0	0	<b>0</b>
223001 Property Management Expenses	0	15,751	<b>15,751</b>	0	0	<b>0</b>
223004 Guard and Security services	0	10,000	<b>10,000</b>	0	0	<b>0</b>
224003 Agricultural Supplies and Services	0	160,000	<b>160,000</b>	0	0	<b>0</b>
224005 Laboratory supplies and services	0	16,000	<b>16,000</b>	0	0	<b>0</b>
224011 Research Expenses	0	15,232,519	<b>15,232,519</b>	0	0	<b>0</b>

# VOTE: 142 National Agricultural Research Organization (NARO)

Thousands Uganda Shillings	2023/24 Approved Budget			2024/25 Approved Estimates		
<b>Programme 01 Agro-Industrialization</b>						
<b>SubProgramme 02 Agricultural Production and Productivity</b>						
	Wage	NonWage	Total	Wage	NonWage	Total
Department 014 National Livestock Resources Research Institute (NaLIRRI)						
<b>Budget Output 010010 Technology Generation</b>						
225101 Consultancy Services	0	100,000	100,000	0	0	0
227004 Fuel, Lubricants and Oils	0	101,000	101,000	0	0	0
<b>Total Cost of Budget Output 010010</b>	<b>0</b>	<b>15,745,270</b>	<b>15,745,270</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Budget Output 010011 Technology Promotion</b>						
224011 Research Expenses	0	600,000	600,000	0	0	0
<b>Total Cost of Budget Output 010011</b>	<b>0</b>	<b>600,000</b>	<b>600,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Cost for Department 014</b>	<b>0</b>	<b>16,345,270</b>	<b>16,345,270</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Excluding Arrears</b>	<b>0</b>	<b>16,345,270</b>	<b>16,345,270</b>	<b>0</b>	<b>0</b>	<b>0</b>
Department 015 National Semi Arid Resources Research Institute (NaSARRI)						
<b>Budget Output 010010 Technology Generation</b>						
221007 Books, Periodicals & Newspapers	0	0	0	0	4,000	4,000
221008 Information and Communication Technology Supplies.	0	0	0	0	4,000	4,000
223001 Property Management Expenses	0	10,000	10,000	0	0	0
224011 Research Expenses	0	40,000	40,000	0	66,200	66,200
227004 Fuel, Lubricants and Oils	0	0	0	0	9,800	9,800
228001 Maintenance-Buildings and Structures	0	0	0	0	4,000	4,000
228002 Maintenance-Transport Equipment	0	0	0	0	9,000	9,000
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	0	0	0	0	3,000	3,000
<b>Total Cost of Budget Output 010010</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>
<b>Budget Output 010011 Technology Promotion</b>						
212103 Incapacity benefits (Employees)	0	3,000	3,000	0	0	0
223004 Guard and Security services	0	10,000	10,000	0	0	0
224011 Research Expenses	0	30,000	30,000	0	0	0
228002 Maintenance-Transport Equipment	0	7,000	7,000	0	0	0
<b>Total Cost of Budget Output 010011</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Cost for Department 015</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>
<b>Total Excluding Arrears</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>



# VOTE: 142 National Agricultural Research Organization (NARO)

Thousands Uganda Shillings	2023/24 Approved Budget			2024/25 Approved Estimates		
<b>Programme 01 Agro-Industrialization</b>						
<b>SubProgramme 02 Agricultural Production and Productivity</b>						
	Wage	NonWage	Total	Wage	NonWage	Total
Department 016 Ngetta ZARDI						
<b>Budget Output 010010 Technology Generation</b>						
221008 Information and Communication Technology Supplies.	0	5,000	5,000	0	0	0
224003 Agricultural Supplies and Services	0	16,000	16,000	0	0	0
224011 Research Expenses	0	29,000	29,000	0	0	0
<b>Total Cost of Budget Output 010010</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Budget Output 010011 Technology Promotion</b>						
211107 Boards, Committees and Council Allowances	0	0	0	0	7,000	7,000
221011 Printing, Stationery, Photocopying and Binding	0	0	0	0	8,000	8,000
222001 Information and Communication Technology Services.	0	2,000	2,000	0	11,000	11,000
223001 Property Management Expenses	0	0	0	0	5,000	5,000
223004 Guard and Security services	0	12,000	12,000	0	18,000	18,000
224011 Research Expenses	0	31,000	31,000	0	24,000	24,000
227004 Fuel, Lubricants and Oils	0	0	0	0	13,000	13,000
228001 Maintenance-Buildings and Structures	0	5,000	5,000	0	0	0
228002 Maintenance-Transport Equipment	0	0	0	0	14,000	14,000
<b>Total Cost of Budget Output 010011</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>
<b>Total Cost for Department 016</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>
<b>Total Excluding Arrears</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>
Department 017 Rwebitaba ZARDI						
<b>Budget Output 010010 Technology Generation</b>						
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	0	22,000	22,000	0	0	0
221003 Staff Training	0	8,000	8,000	0	0	0
221009 Welfare and Entertainment	0	8,400	8,400	0	0	0
223001 Property Management Expenses	0	6,000	6,000	0	0	0
223004 Guard and Security services	0	8,800	8,800	0	0	0
224004 Beddings, Clothing, Footwear and related Services	0	4,000	4,000	0	0	0

# VOTE: 142 National Agricultural Research Organization (NARO)

Thousands Uganda Shillings	2023/24 Approved Budget			2024/25 Approved Estimates		
<b>Programme 01 Agro-Industrialization</b>						
<b>SubProgramme 02 Agricultural Production and Productivity</b>						
	Wage	NonWage	Total	Wage	NonWage	Total
Department 017 Rwebitaba ZARDI						
<b>Budget Output 010010 Technology Generation</b>						
224011 Research Expenses	0	22,400	<b>22,400</b>	0	0	<b>0</b>
226001 Insurances	0	1,200	<b>1,200</b>	0	0	<b>0</b>
227004 Fuel, Lubricants and Oils	0	17,000	<b>17,000</b>	0	0	<b>0</b>
273102 Incapacity, death benefits and funeral expenses	0	2,200	<b>2,200</b>	0	0	<b>0</b>
<b>Total Cost of Budget Output 010010</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Budget Output 010011 Technology Promotion</b>						
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	0	0	<b>0</b>	0	14,000	<b>14,000</b>
211107 Boards, Committees and Council Allowances	0	10,000	<b>10,000</b>	0	0	<b>0</b>
221007 Books, Periodicals & Newspapers	0	3,000	<b>3,000</b>	0	0	<b>0</b>
221008 Information and Communication Technology Supplies.	0	11,100	<b>11,100</b>	0	0	<b>0</b>
221011 Printing, Stationery, Photocopying and Binding	0	5,000	<b>5,000</b>	0	4,000	<b>4,000</b>
223001 Property Management Expenses	0	6,500	<b>6,500</b>	0	0	<b>0</b>
224011 Research Expenses	0	10,000	<b>10,000</b>	0	112,000	<b>112,000</b>
227004 Fuel, Lubricants and Oils	0	0	<b>0</b>	0	17,000	<b>17,000</b>
228001 Maintenance-Buildings and Structures	0	5,000	<b>5,000</b>	0	0	<b>0</b>
228002 Maintenance-Transport Equipment	0	18,000	<b>18,000</b>	0	21,600	<b>21,600</b>
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	0	0	<b>0</b>	0	6,400	<b>6,400</b>
228004 Maintenance-Other Fixed Assets	0	6,400	<b>6,400</b>	0	0	<b>0</b>
<b>Total Cost of Budget Output 010011</b>	<b>0</b>	<b>75,000</b>	<b>75,000</b>	<b>0</b>	<b>175,000</b>	<b>175,000</b>
<b>Total Cost for Department 017</b>	<b>0</b>	<b>175,000</b>	<b>175,000</b>	<b>0</b>	<b>175,000</b>	<b>175,000</b>
<b>Total Excluding Arrears</b>	<b>0</b>	<b>175,000</b>	<b>175,000</b>	<b>0</b>	<b>175,000</b>	<b>175,000</b>
<b>Development Budget Estimates</b>						

# VOTE: 142 National Agricultural Research Organization (NARO)

Thousands Uganda Shillings	2023/24 Approved Budget			2024/25 Approved Estimates		
<b>Programme 01 Agro-Industrialization</b>						
<b>SubProgramme 02 Agricultural Production and Productivity</b>						
	<b>GoU</b>	<b>External Fin.</b>	<b>Total</b>	<b>GoU</b>	<b>External Fin.</b>	<b>Total</b>
Project 1560 Relocation and Operationalisation of the National Livestock Resources Research Institute(NALIRRI)						
<b>Budget Output 000017 Infrastructure Development and Management</b>						
312121 Non-Residential Buildings - Acquisition	19,000,000	0	<b>19,000,000</b>	2,465,730	0	<b>2,465,730</b>
<b>Total Cost of Budget Output 000017</b>	<b>19,000,000</b>	<b>0</b>	<b>19,000,000</b>	<b>2,465,730</b>	<b>0</b>	<b>2,465,730</b>
<b>Budget Output 010010 Technology Generation</b>						
221002 Workshops, Meetings and Seminars	10,000	0	<b>10,000</b>	0	0	<b>0</b>
221003 Staff Training	20,000	0	<b>20,000</b>	0	0	<b>0</b>
221008 Information and Communication Technology Supplies.	40,000	0	<b>40,000</b>	20,000	0	<b>20,000</b>
221011 Printing, Stationery, Photocopying and Binding	19,000	0	<b>19,000</b>	8,000	0	<b>8,000</b>
223004 Guard and Security services	11,000	0	<b>11,000</b>	20,000	0	<b>20,000</b>
223005 Electricity	30,000	0	<b>30,000</b>	27,667	0	<b>27,667</b>
224002 Veterinary supplies and services	0	0	<b>0</b>	20,000	0	<b>20,000</b>
224003 Agricultural Supplies and Services	323,000	0	<b>323,000</b>	213,027	0	<b>213,027</b>
224004 Beddings, Clothing, Footwear and related Services	10,000	0	<b>10,000</b>	0	0	<b>0</b>
224005 Laboratory supplies and services	75,000	0	<b>75,000</b>	43,333	0	<b>43,333</b>
224011 Research Expenses	778,000	0	<b>778,000</b>	2,046,083	0	<b>2,046,083</b>
225201 Consultancy Services-Capital	120,000	0	<b>120,000</b>	0	0	<b>0</b>
227003 Carriage, Haulage, Freight and transport hire	10,000	0	<b>10,000</b>	0	0	<b>0</b>
227004 Fuel, Lubricants and Oils	200,000	0	<b>200,000</b>	132,160	0	<b>132,160</b>
228001 Maintenance-Buildings and Structures	50,000	0	<b>50,000</b>	0	0	<b>0</b>
228002 Maintenance-Transport Equipment	54,000	0	<b>54,000</b>	4,000	0	<b>4,000</b>
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	100,000	0	<b>100,000</b>	0	0	<b>0</b>
313235 Furniture and Fittings - Improvement	150,000	0	<b>150,000</b>	0	0	<b>0</b>
<b>Total Cost of Budget Output 010010</b>	<b>2,000,000</b>	<b>0</b>	<b>2,000,000</b>	<b>2,534,270</b>	<b>0</b>	<b>2,534,270</b>
<b>Total Cost for Project 1560</b>	<b>21,000,000</b>	<b>0</b>	<b>21,000,000</b>	<b>5,000,000</b>	<b>0</b>	<b>5,000,000</b>
<b>Total Excluding Arrears</b>	<b>21,000,000</b>	<b>0</b>	<b>21,000,000</b>	<b>5,000,000</b>	<b>0</b>	<b>5,000,000</b>

# VOTE: 142 National Agricultural Research Organization (NARO)

Thousands Uganda Shillings	2023/24 Approved Budget			2024/25 Approved Estimates		
<b>Programme 01 Agro-Industrialization</b>						
<b>SubProgramme 02 Agricultural Production and Productivity</b>						
	<b>GoU</b>	<b>External Fin.</b>	<b>Total</b>	<b>GoU</b>	<b>External Fin.</b>	<b>Total</b>
Project 1619 Retooling of National Agricultural Research Organization						
<b>Budget Output 000003 Facilities and Equipment Management</b>						
224003 Agricultural Supplies and Services	0	0	0	1,217,000	0	1,217,000
312233 Medical, Laboratory and Research & appliances - Acquisition	31,000,000	0	31,000,000	1,359,000	0	1,359,000
352882 Utility Arrears Budgeting	0	0	0	86,737	0	86,737
<b>Total Cost of Budget Output 000003</b>	<b>31,000,000</b>	<b>0</b>	<b>31,000,000</b>	<b>2,662,737</b>	<b>0</b>	<b>2,662,737</b>
<b>Budget Output 000017 Infrastructure Development and Management</b>						
225101 Consultancy Services	45,000	0	45,000	0	0	0
225201 Consultancy Services-Capital	200,000	0	200,000	0	0	0
225203 Appraisal and Feasibility Studies for Capital Works	0	0	0	250,000	0	250,000
225204 Monitoring and Supervision of capital work	0	0	0	200,000	0	200,000
228001 Maintenance-Buildings and Structures	400,000	0	400,000	540,000	0	540,000
312121 Non-Residential Buildings - Acquisition	0	0	0	223,000	0	223,000
313121 Non-Residential Buildings - Improvement	9,355,000	0	9,355,000	5,587,000	0	5,587,000
313139 Other Structures - Improvement	0	0	0	60,000	0	60,000
<b>Total Cost of Budget Output 000017</b>	<b>10,000,000</b>	<b>0</b>	<b>10,000,000</b>	<b>6,860,000</b>	<b>0</b>	<b>6,860,000</b>
<b>Budget Output 010008 Capacity Strengthening</b>						
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	310,000	0	310,000	0	0	0
211107 Boards, Committees and Council Allowances	20,000	0	20,000	128,000	0	128,000
221001 Advertising and Public Relations	392,000	0	392,000	18,000	0	18,000
221003 Staff Training	0	0	0	100,000	0	100,000
221004 Recruitment Expenses	60,000	0	60,000	220,000	0	220,000
221007 Books, Periodicals & Newspapers	0	0	0	8,000	0	8,000
221008 Information and Communication Technology Supplies.	135,600	0	135,600	30,000	0	30,000
221011 Printing, Stationery, Photocopying and Binding	140,000	0	140,000	64,000	0	64,000
221012 Small Office Equipment	2,605	0	2,605	0	0	0
221016 Systems Recurrent costs	40,000	0	40,000	75,000	0	75,000

# VOTE: 142 National Agricultural Research Organization (NARO)

Thousands Uganda Shillings	2023/24 Approved Budget			2024/25 Approved Estimates		
<b>Programme 01 Agro-Industrialization</b>						
<b>SubProgramme 02 Agricultural Production and Productivity</b>						
	<b>GoU</b>	<b>External Fin.</b>	<b>Total</b>	<b>GoU</b>	<b>External Fin.</b>	<b>Total</b>
Project 1619 Retooling of National Agricultural Research Organization						
<b>Budget Output 010008 Capacity Strengthening</b>						
221017 Membership dues and Subscription fees.	60,000	0	<b>60,000</b>	30,000	0	<b>30,000</b>
222001 Information and Communication Technology Services.	22,360	0	<b>22,360</b>	388,000	0	<b>388,000</b>
224002 Veterinary supplies and services	100,000	0	<b>100,000</b>	0	0	<b>0</b>
224003 Agricultural Supplies and Services	765,248	0	<b>765,248</b>	0	0	<b>0</b>
224005 Laboratory supplies and services	16,079	0	<b>16,079</b>	0	0	<b>0</b>
224011 Research Expenses	3,633,834	0	<b>3,633,834</b>	3,648,059	0	<b>3,648,059</b>
225101 Consultancy Services	135,000	0	<b>135,000</b>	75,000	0	<b>75,000</b>
225201 Consultancy Services-Capital	200,000	0	<b>200,000</b>	0	0	<b>0</b>
225204 Monitoring and Supervision of capital work	448,000	0	<b>448,000</b>	0	0	<b>0</b>
226001 Insurances	804	0	<b>804</b>	0	0	<b>0</b>
226002 Licenses	29,230	0	<b>29,230</b>	50,000	0	<b>50,000</b>
227001 Travel inland	60,000	0	<b>60,000</b>	361,000	0	<b>361,000</b>
227004 Fuel, Lubricants and Oils	300,000	0	<b>300,000</b>	280,000	0	<b>280,000</b>
228001 Maintenance-Buildings and Structures	439,840	0	<b>439,840</b>	0	0	<b>0</b>
228002 Maintenance-Transport Equipment	100,000	0	<b>100,000</b>	0	0	<b>0</b>
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	39,400	0	<b>39,400</b>	0	0	<b>0</b>
228004 Maintenance-Other Fixed Assets	120,000	0	<b>120,000</b>	0	0	<b>0</b>
312221 Light ICT hardware - Acquisition	0	0	<b>0</b>	14,000	0	<b>14,000</b>
312235 Furniture and Fittings - Acquisition	0	0	<b>0</b>	528,000	0	<b>528,000</b>
313121 Non-Residential Buildings - Improvement	0	0	<b>0</b>	500,000	0	<b>500,000</b>
313149 Other Land Improvements - Improvement	0	0	<b>0</b>	310,941	0	<b>310,941</b>
<b>Total Cost of Budget Output 010008</b>	<b>7,570,000</b>	<b>0</b>	<b>7,570,000</b>	<b>6,828,000</b>	<b>0</b>	<b>6,828,000</b>
<b>Budget Output 010009 Research Partnerships</b>						
224011 Research Expenses	1,000,000	0	<b>1,000,000</b>	0	0	<b>0</b>
262201 Contributions to International Organisations-Capital	1,950,000	0	<b>1,950,000</b>	1,450,000	0	<b>1,450,000</b>
o/w contributions to international organisations	0	0	<b>0</b>	1,450,000	0	<b>1,450,000</b>

# VOTE: 142 National Agricultural Research Organization (NARO)

<i>Thousands Uganda Shillings</i>	2023/24 Approved Budget			2024/25 Approved Estimates		
<b>Programme 01 Agro-Industrialization</b>						
<b>SubProgramme 02 Agricultural Production and Productivity</b>						
	<b>GoU</b>	<b>External Fin.</b>	<b>Total</b>	<b>GoU</b>	<b>External Fin.</b>	<b>Total</b>
Project 1619 Retooling of National Agricultural Research Organization						
<b>Budget Output 010009 Research Partnerships</b>						
262201 Contributions to International Organisations-Capital	1,950,000	0	<b>1,950,000</b>	1,450,000	0	<b>1,450,000</b>
o/w Subscription to International Agricultural research organizations	1,950,000	0	<b>1,950,000</b>	0	0	<b>0</b>
282107 Contributions to Non-Government institutions	50,000	0	<b>50,000</b>	50,000	0	<b>50,000</b>
o/w Contribution to Non Government institutions	50,000	0	<b>50,000</b>	0	0	<b>0</b>
o/w Contributions to Non - Government institutions	0	0	<b>0</b>	50,000	0	<b>50,000</b>
<b>Total Cost of Budget Output 010009</b>	<b>3,000,000</b>	<b>0</b>	<b>3,000,000</b>	<b>1,500,000</b>	<b>0</b>	<b>1,500,000</b>
<b>Budget Output 010010 Technology Generation</b>						
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	0	0	<b>0</b>	98,673	0	<b>98,673</b>
221001 Advertising and Public Relations	18,710	0	<b>18,710</b>	34,400	0	<b>34,400</b>
221003 Staff Training	0	0	<b>0</b>	34,561	0	<b>34,561</b>
221008 Information and Communication Technology Supplies.	44,004	0	<b>44,004</b>	71,069	0	<b>71,069</b>
221009 Welfare and Entertainment	1,361	0	<b>1,361</b>	8,000	0	<b>8,000</b>
221011 Printing, Stationery, Photocopying and Binding	48,215	0	<b>48,215</b>	88,291	0	<b>88,291</b>
221012 Small Office Equipment	7,396	0	<b>7,396</b>	0	0	<b>0</b>
221017 Membership dues and Subscription fees.	1,441	0	<b>1,441</b>	3,000	0	<b>3,000</b>
222001 Information and Communication Technology Services.	8,040	0	<b>8,040</b>	46,719	0	<b>46,719</b>
222002 Postage and Courier	3,135	0	<b>3,135</b>	0	0	<b>0</b>
223001 Property Management Expenses	1,723	0	<b>1,723</b>	0	0	<b>0</b>
223004 Guard and Security services	1,711	0	<b>1,711</b>	0	0	<b>0</b>
223005 Electricity	5,455	0	<b>5,455</b>	101,500	0	<b>101,500</b>
224002 Veterinary supplies and services	40,199	0	<b>40,199</b>	54,262	0	<b>54,262</b>
224003 Agricultural Supplies and Services	1,209,126	0	<b>1,209,126</b>	979,971	0	<b>979,971</b>
224004 Beddings, Clothing, Footwear and related Services	459	0	<b>459</b>	0	0	<b>0</b>

# VOTE: 142 National Agricultural Research Organization (NARO)

Thousands Uganda Shillings	2023/24 Approved Budget			2024/25 Approved Estimates		
<b>Programme 01 Agro-Industrialization</b>						
<b>SubProgramme 02 Agricultural Production and Productivity</b>						
	<b>GoU</b>	<b>External Fin.</b>	<b>Total</b>	<b>GoU</b>	<b>External Fin.</b>	<b>Total</b>
Project 1619 Retooling of National Agricultural Research Organization						
<b>Budget Output 010010 Technology Generation</b>						
224005 Laboratory supplies and services	0	0	0	781,598	0	781,598
224010 Protective Gear	11,485	0	11,485	6,000	0	6,000
224011 Research Expenses	3,609,269	0	3,609,269	5,294,620	0	5,294,620
225101 Consultancy Services	36,179	0	36,179	20,176	0	20,176
225201 Consultancy Services-Capital	0	0	0	31,000	0	31,000
225204 Monitoring and Supervision of capital work	0	0	0	9,100	0	9,100
226001 Insurances	2,871	0	2,871	0	0	0
226002 Licenses	1,952	0	1,952	0	0	0
227001 Travel inland	74,144	0	74,144	42,700	0	42,700
227003 Carriage, Haulage, Freight and transport hire	8,964	0	8,964	0	0	0
227004 Fuel, Lubricants and Oils	124,409	0	124,409	355,846	0	355,846
228001 Maintenance-Buildings and Structures	23,373	0	23,373	5,100	0	5,100
228002 Maintenance-Transport Equipment	41,336	0	41,336	96,926	0	96,926
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	775	0	775	241,000	0	241,000
228004 Maintenance-Other Fixed Assets	0	0	0	12,334	0	12,334
312221 Light ICT hardware - Acquisition	0	0	0	21,000	0	21,000
312233 Medical, Laboratory and Research & appliances - Acquisition	0	0	0	2,611,000	0	2,611,000
313233 Medical, Laboratory and Research & appliances - Improvement	574,268	0	574,268	0	0	0
<b>Total Cost of Budget Output 010010</b>	<b>5,900,000</b>	<b>0</b>	<b>5,900,000</b>	<b>11,048,846</b>	<b>0</b>	<b>11,048,846</b>
<b>Budget Output 010011 Technology Promotion</b>						
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	180,000	0	180,000	26,000	0	26,000
221001 Advertising and Public Relations	140,000	0	140,000	184,000	0	184,000
221007 Books, Periodicals & Newspapers	7,753	0	7,753	0	0	0
221008 Information and Communication Technology Supplies.	51,436	0	51,436	14,000	0	14,000

# VOTE: 142 National Agricultural Research Organization (NARO)

Thousands Uganda Shillings	2023/24 Approved Budget			2024/25 Approved Estimates		
<b>Programme 01 Agro-Industrialization</b>						
<b>SubProgramme 02 Agricultural Production and Productivity</b>						
	<b>GoU</b>	<b>External Fin.</b>	<b>Total</b>	<b>GoU</b>	<b>External Fin.</b>	<b>Total</b>
Project 1619 Retooling of National Agricultural Research Organization						
<b>Budget Output 010011 Technology Promotion</b>						
221011 Printing, Stationery, Photocopying and Binding	72,160	0	72,160	30,000	0	30,000
222001 Information and Communication Technology Services.	44,457	0	44,457	50,000	0	50,000
223004 Guard and Security services	2,182	0	2,182	0	0	0
224003 Agricultural Supplies and Services	528,097	0	528,097	0	0	0
224005 Laboratory supplies and services	17,917	0	17,917	0	0	0
224011 Research Expenses	1,122,668	0	1,122,668	766,000	0	766,000
226002 Licenses	88,000	0	88,000	0	0	0
227001 Travel inland	40,000	0	40,000	30,000	0	30,000
227004 Fuel, Lubricants and Oils	121,862	0	121,862	50,000	0	50,000
228002 Maintenance-Transport Equipment	79,800	0	79,800	0	0	0
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	1,945	0	1,945	0	0	0
228004 Maintenance-Other Fixed Assets	1,723	0	1,723	0	0	0
<b>Total Cost of Budget Output 010011</b>	<b>2,500,000</b>	<b>0</b>	<b>2,500,000</b>	<b>1,150,000</b>	<b>0</b>	<b>1,150,000</b>
<b>Total Cost for Project 1619</b>	<b>59,970,000</b>	<b>0</b>	<b>59,970,000</b>	<b>30,049,583</b>	<b>0</b>	<b>30,049,583</b>
<b>Total Excluding Arrears</b>	<b>59,970,000</b>	<b>0</b>	<b>59,970,000</b>	<b>29,962,846</b>	<b>0</b>	<b>29,962,846</b>
<b>Total for Sub-SubProgramme 01</b>	<b>99,565,270</b>	<b>0</b>	<b>99,565,270</b>	<b>46,886,248</b>	<b>0</b>	<b>46,886,248</b>
<b>Total Excluding Arrears</b>	<b>99,565,270</b>	<b>0</b>	<b>99,565,270</b>	<b>46,799,511</b>	<b>0</b>	<b>46,799,511</b>
<b>Programme 17 Regional Balanced Development</b>						
<b>SubProgramme 01 Production and productivity</b>						
<b>Sub-SubProgramme 01 Agricultural Research</b>						
<b>Recurrent Budget Estimates</b>						
	<b>Wage</b>	<b>NonWage</b>	<b>Total</b>	<b>Wage</b>	<b>NonWage</b>	<b>Total</b>
Department 002 Buginyaya Zonal Agriculture Research Institute(ZARDI)						
<b>Budget Output 010010 Technology Generation</b>						
224011 Research Expenses	0	0	0	0	50,000	50,000
<b>Total Cost of Budget Output 010010</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>



# VOTE: 142 National Agricultural Research Organization (NARO)

<i>Thousands Uganda Shillings</i>	2023/24 Approved Budget			2024/25 Approved Estimates		
<b>Programme 17 Regional Balanced Development</b>						
<b>SubProgramme 01 Production and productivity</b>						
	Wage	NonWage	Total	Wage	NonWage	Total
Department 002 Buginyaya Zonal Agriculture Research Institute(ZARDI)						
<b>Budget Output 010011 Technology Promotion</b>						
224003 Agricultural Supplies and Services	0	50,000	<b>50,000</b>	0	0	<b>0</b>
224011 Research Expenses	0	50,000	<b>50,000</b>	0	49,000	<b>49,000</b>
<i>Total Cost of Budget Output 010011</i>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>49,000</b>	<b>49,000</b>
<b>Total Cost for Department 002</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>99,000</b>	<b>99,000</b>
<b>Total Excluding Arrears</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>99,000</b>	<b>99,000</b>
<b>Development Budget Estimates</b>						
	GoU	External Fin.	Total	GoU	External Fin.	Total
<b>Total for Sub-SubProgramme 01</b>	<b>100,000</b>	<b>0</b>	<b>100,000</b>	<b>99,000</b>	<b>0</b>	<b>99,000</b>
<b>Total Excluding Arrears</b>	<b>100,000</b>	<b>0</b>	<b>100,000</b>	<b>99,000</b>	<b>0</b>	<b>99,000</b>
<b>Grand Total Vote 142</b>	<b>166,487,209</b>	<b>0</b>	<b>166,487,209</b>	<b>106,001,095</b>	<b>0</b>	<b>106,001,095</b>
<b>Total Excluding Arrears</b>	<b>166,487,209</b>	<b>0</b>	<b>166,487,209</b>	<b>105,914,359</b>	<b>0</b>	<b>105,914,359</b>

# VOTE: 142 National Agricultural Research Organization (NARO)

Table V6: Summary of Project allocations by Department

Thousand Uganda Shillings	2023/24 Approved Budget			2024/25 Approved Estimates		
	GoU	External Fin.	Total	GoU	External Fin.	Total
<b>Programme 01 Agro-Industrialization</b>						
<b>SubProgramme 02 Agricultural Production and Productivity</b>						
<b>Sub SubProgramme 01 Agricultural Research</b>						
<b>Department 007 NARO-SECRETARIATE</b>						
1619 Retooling of National Agricultural Research Organization	59,970,000	0	<b>59,970,000</b>	30,049,583	0	<b>30,049,583</b>
<b>Total Development for the Department 007</b>	<b>59,970,000</b>	<b>0</b>	<b>59,970,000</b>	<b>30,049,583</b>	<b>0</b>	<b>30,049,583</b>
<i>Total Excluding Arrears</i>	<b>59,970,000</b>	<b>0</b>	<b>59,970,000</b>	<b>29,962,846</b>	<b>0</b>	<b>29,962,846</b>
<b>Department 014 National Livestock Resources Research Institute (NaLIRRI)</b>						
1560 Relocation and Operationalisation of the National Livestock Resources Research Institute(NALIRRI)	21,000,000	0	<b>21,000,000</b>	5,000,000	0	<b>5,000,000</b>
<b>Total Development for the Department 014</b>	<b>21,000,000</b>	<b>0</b>	<b>21,000,000</b>	<b>5,000,000</b>	<b>0</b>	<b>5,000,000</b>
<i>Total Excluding Arrears</i>	<b>21,000,000</b>	<b>0</b>	<b>21,000,000</b>	<b>5,000,000</b>	<b>0</b>	<b>5,000,000</b>
<b>Grand Total Vote</b>	<b>80,970,000</b>	<b>0</b>	<b>80,970,000</b>	<b>35,049,583</b>	<b>0</b>	<b>35,049,583</b>
<i>Total Excluding Arrears</i>	<b>80,970,000</b>	<b>0</b>	<b>80,970,000</b>	<b>34,962,846</b>	<b>0</b>	<b>34,962,846</b>

# VOTE: 142 National Agricultural Research Organization (NARO)

**Table V8: NTR Projections (Uganda Shillings Billions)**

Revenue Code	Revenue Name	FY2023/24	Projection FY2024/25
111102	Rental Income Tax-Payable By Individuals	0.000	1.207
141131	Interest from other government units	0.010	0.150
141501	Rent & Rates - Non-Produced Assets – from private entities	0.786	0.000
141504	Other Royalties	0.000	0.135
142159	Sale of bid documents-From Government Units	0.000	0.157
142160	Sale of Agricultural products and services-From Government Units	2.769	5.300
142217	Market /Gate Charges	0.000	0.298
142225	Other Licence fees	0.085	0.000
142301	Sale of (Produced) Government Properties/Assets	0.000	0.000
142302	Sale of non-produced Government Properties/assets	0.000	0.000
144149	Miscellaneous receipts/income	0.000	0.084
<b>Total</b>		<b>3.650</b>	<b>7.331</b>