

VOTE: 142 National Agricultural Research Organization (NARO)

Table V1: Overview of Vote Expenditure (Ushs Billion)

		MTEF Budget Projections				
		2022/23 Proposed Budget	2023/24	2024/25	2025/26	2026/27
Recurrent	Wage	38.811	38.811	40.752	44.827	49.310
	Non-Wage	29.397	28.897	29.485	35.482	48.075
Dev't.	GoU	48.575	48.575	48.575	58.291	81.607
	Ext Fin.	0.000	0.000	0.000	0.000	0.000
GoU Total		116.783	116.283	118.812	138.599	178.992
Total GoU+Ext Fin (MTEF)		116.783	116.283	118.812	138.599	178.992
Arrears		0.144	0.000	0.000	0.000	0.000
Total Budget		116.927	116.283	118.812	138.599	178.992
Total Vote Budget Excluding		116.783	116.283	118.812	138.599	178.992

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

Thousand Uganda Shillings	2022/23 Approved Estimates		
Programme 01 AGRO-INDUSTRIALIZATION			
SubProgramme 01 Institutional Strengthening and Coordination			
Sub SubProgramme 01 Agricultural Research			
Recurrent Budget Estimates	Wage	NonWage	Total
007 NARO-SECRETARIATE	38,811,109	15,855,768	54,666,878
Total Recurrent Budget Estimates for Sub-SubProgramme	38,811,109	15,855,768	54,666,878
Development Budget Estimates	GoU Dev't	External Fin.	Total
Total for Sub Sub Programme 01	38,811,109	15,855,768	54,666,878
SubProgramme 02 Agricultural Production and Productivity			
Sub SubProgramme 01 Agricultural Research			
Recurrent Budget Estimates	Wage	NonWage	Total
001 Abi Zonal Agriculture Research Institute(ZARDI)	0	116,680	116,680
002 Buginyaya Zonal Agriculture Research Institute(ZARDI)	0	272,000	272,000
003 Bulindi Zonal Agriculture Research Institute(ZARDI)	0	138,900	138,900
004 Kachwekano Zonal Agriculture Research Institute(ZARDI)	0	213,900	213,900
005 Mbarara Zonal Agriculture Research Institute(ZARDI)	0	116,800	116,800
006 Nabuin Zonal Agriculture Research Institute(ZARDI)	0	116,800	116,800
007 NARO-SECRETARIATE	0	10,326,343	10,326,343
008 National Agricultural Research Laboratories	0	300,000	300,000

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Thousand Uganda Shillings	2022/23 Approved Estimates		
Programme 01 AGRO-INDUSTRIALIZATION			
SubProgramme 02 Agricultural Production and Productivity			
Recurrent Budget Estimates	Wage	NonWage	Total
009 National Coffee Research Institute	0	197,200	197,200
010 National Crops Resources Research Institute	0	247,220	247,220
011 National Fisheries Resources Research Institute	0	197,220	197,220
012 National Forestry Resources Research Institute	0	125,000	125,000
013 Mukono Zonal Agriculture Research Institute (ZARDI)	0	263,900	263,900
014 National Livestock Resources Research Institute (NaLIRRI)	0	622,220	622,220
015 National Semi Arid Resources Research Institute (NaSARRI)	0	122,220	122,220
016 Ngetta ZARDI	0	116,680	116,680
017 Rwebitaba ZARDI	0	191,680	191,680
Total Recurrent Budget Estimates for Sub-SubProgramme	0	13,684,763	13,684,763
Development Budget Estimates	GoU Dev't	External Fin.	Total
1560 Relocation and Operationalisation of the National Livestock Resources Research Institute(NALIRRI)	7,719,188	0	7,719,188
1619 Retooling of National Agricultural Research Organization	40,856,287	0	40,856,287
Total Development Budget Estimates for Sub-SubProgramme	48,575,475	0	48,575,475
Total for Sub Sub Programme 01	48,575,475	13,684,763	62,260,238
Total for Programme 01	87,386,584	29,540,532	116,927,116
Grand Total Vote 142	87,386,584	29,540,532	116,927,116
Total Excluding Arrears	87,386,584	29,396,769	116,783,353

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Table V3: Summary Vote Estimates by Economic Classification

<i>Thousand Uganda Shillings</i>	2022/23 Approved Estimates		
	GoU	External Fin.	Total
211 Wages and Salaries	51,253,458	0	51,253,458
212 Social Contributions	5,366,551	0	5,366,551
221 General Use of goods and services	2,975,885	0	2,975,885
222 Communications	455,319	0	455,319
223 Utility and Property Expenses	843,454	0	843,454
224 Supplies and Services	20,423,358	0	20,423,358
225 Professional Services	1,195,559	0	1,195,559
226 Insurances and Licenses	174,589	0	174,589
227 Travel and Transport	2,010,048	0	2,010,048
228 Maintenance	7,398,890	0	7,398,890
262 Grants To International Organisations - CURRENT	1,785,000	0	1,785,000
273 Employment-related social benefits	17,442	0	17,442
282 Current transfers not elsewhere classified	15,000	0	15,000
312 Acquisition of Produced Assets	22,868,801	0	22,868,801
352 Financial Assets	143,763	0	143,763
<b>Grand Total Vote 142</b>	<b>116,927,116</b>	<b>0</b>	<b>116,927,116</b>
<i>Total Excluding Arrears</i>	<b>116,783,353</b>	<b>0</b>	<b>116,783,353</b>

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Table V4: Summary Vote Estimates by Item

<i>Thousand Uganda Shillings</i>	2022/23 Approved Estimates		
<i>Items</i>	GoU	External Fin.	Total
211102 Contract Staff Salaries	38,811,109	0	38,811,109
211104 Employee Gratuity	9,702,777	0	9,702,777
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	1,978,025	0	1,978,025
211107 Boards, Committees and Council Allowances	761,546	0	761,546
212101 Social Security Contributions	3,881,111	0	3,881,111
212102 Medical expenses (Employees)	850,000	0	850,000
212103 Incapacity benefits (Employees)	635,440	0	635,440
221001 Advertising and Public Relations	411,186	0	411,186
221003 Staff Training	1,008,637	0	1,008,637
221004 Recruitment Expenses	60,000	0	60,000
221007 Books, Periodicals & Newspapers	48,224	0	48,224
221008 Information and Communication Technology Supplies.	356,601	0	356,601
221009 Welfare and Entertainment	406,792	0	406,792
221011 Printing, Stationery, Photocopying and Binding	538,917	0	538,917
221012 Small Office Equipment	49,677	0	49,677
221016 Systems Recurrent costs	30,000	0	30,000
221017 Membership dues and Subscription fees.	65,852	0	65,852
222001 Information and Communication Technology Services.	415,321	0	415,321
222002 Postage and Courier	39,998	0	39,998
223001 Property Management Expenses	142,236	0	142,236
223002 Property Rates	34,498	0	34,498
223004 Guard and Security services	299,351	0	299,351
223005 Electricity	277,292	0	277,292
223006 Water	90,077	0	90,077
224001 Medical Supplies and Services	40,000	0	40,000
224002 Veterinary supplies and services	162,321	0	162,321
224003 Agricultural Supplies and Services	3,531,551	0	3,531,551
224004 Beddings, Clothing, Footwear and related Services	81,299	0	81,299
224005 Laboratory supplies and services	1,762,960	0	1,762,960
224010 Protective Gear	17,981	0	17,981
224011 Research Expenses	14,827,246	0	14,827,246
225101 Consultancy Services	509,460	0	509,460

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<i>Thousand Uganda Shillings</i>	2022/23 Approved Estimates		
<i>Items</i>	GoU	External Fin.	Total
225201 Consultancy Services-Capital	120,000	0	120,000
225202 Environment Impact Assessment for Capital Works	100,000	0	100,000
225204 Monitoring and Supervision of capital work	466,099	0	466,099
226001 Insurances	76,914	0	76,914
226002 Licenses	97,675	0	97,675
227001 Travel inland	747,357	0	747,357
227003 Carriage, Haulage, Freight and transport hire	18,964	0	18,964
227004 Fuel, Lubricants and Oils	1,243,728	0	1,243,728
228001 Maintenance-Buildings and Structures	6,319,077	0	6,319,077
228002 Maintenance-Transport Equipment	580,782	0	580,782
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	374,149	0	374,149
228004 Maintenance-Other Fixed Assets	124,882	0	124,882
262201 Contributions to International Organisations-Capital	1,785,000	0	1,785,000
273102 Incapacity, death benefits and funeral expenses	17,442	0	17,442
282201 Contributions to Non-Government Institutions	15,000	0	15,000
312121 Non-Residential Buildings - Acquisition	4,712,478	0	4,712,478
312139 Other Structures - Acquisition	861,680	0	861,680
312212 Light Vehicles - Acquisition	5,981,200	0	5,981,200
312221 Light ICT hardware - Acquisition	150,070	0	150,070
312222 Heavy ICT hardware - Acquisition	163,510	0	163,510
312229 Other ICT Equipment - Acquisition	400,000	0	400,000
312232 Electrical machinery - Acquisition	25,000	0	25,000
312233 Medical, Laboratory and Research & appliances - Acquisition	10,554,863	0	10,554,863
312235 Furniture and Fittings - Acquisition	20,000	0	20,000
352882 Utility Arrears Budgeting	143,763	0	143,763
<b>Grand Total Vote 142</b>	<b>116,927,116</b>	<b>0</b>	<b>116,927,116</b>
<b>Total Excluding Arrears</b>	<b>116,783,353</b>	<b>0</b>	<b>116,783,353</b>

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

Thousands Uganda Shillings	2022/23 Approved Estimates		
Programme 01 AGRO-INDUSTRIALIZATION			
SubProgramme 01 Institutional Strengthening and Coordination			
Sub-SubProgramme 01 Agricultural Research			
Recurrent Budget Estimates			
	Wage	NonWage	Total
Department 007 NARO-SECRETARIATE			
Budget Output 000001 Audit and Risk Management			
221003 Staff Training	0	36,575	36,575
224011 Research Expenses	0	84,035	84,035
Total Cost of Budget Output 000001	0	120,610	120,610
Budget Output 000014 Administrative and Support Services			
211102 Contract Staff Salaries	38,811,109	0	38,811,109
211104 Employee Gratuity	0	9,702,777	9,702,777
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	0	604,011	604,011
212101 Social Security Contributions	0	3,881,111	3,881,111
212102 Medical expenses (Employees)	0	850,000	850,000
212103 Incapacity benefits (Employees)	0	618,784	618,784
221009 Welfare and Entertainment	0	78,476	78,476
Total Cost of Budget Output 000014	38,811,109	15,735,159	54,546,268
Total Cost for Department 007	38,811,109	15,855,768	54,666,878
Total Excluding Arrears	38,811,109	15,855,768	54,666,878
Development Budget Estimates			
	GoU	External Fin.	Total
Total for Sub-SubProgramme 01	54,666,878	0	54,666,878
Total Excluding Arrears	54,666,878	0	54,666,878
SubProgramme 02 Agricultural Production and Productivity			
Sub-SubProgramme 01 Agricultural Research			
Recurrent Budget Estimates			
	Wage	NonWage	Total
Department 001 Abi Zonal Agriculture Research Institute(ZARDI)			
Budget Output 010010 Technology Generation			
224011 Research Expenses	0	36,680	36,680
Total Cost of Budget Output 010010	0	36,680	36,680

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Thousands Uganda Shillings	2022/23 Approved Estimates		
Programme 01 AGRO-INDUSTRIALIZATION			
SubProgramme 02 Agricultural Production and Productivity			
	Wage	NonWage	Total
Department 001 Abi Zonal Agriculture Research Institute(ZARDI)			
Budget Output 010011 Technology Promotion			
221008 Information and Communication Technology Supplies.	0	500	500
221011 Printing, Stationery, Photocopying and Binding	0	13,570	13,570
222001 Information and Communication Technology Services.	0	375	375
224003 Agricultural Supplies and Services	0	20,000	20,000
224011 Research Expenses	0	40,120	40,120
227004 Fuel, Lubricants and Oils	0	5,435	5,435
Total Cost of Budget Output 010011	0	80,000	80,000
Total Cost for Department 001	0	116,680	116,680
Total Excluding Arrears	0	116,680	116,680
Department 002 Buginyaya Zonal Agriculture Research Institute(ZARDI)			
Budget Output 010008 Capacity Strengthening			
211107 Boards, Committees and Council Allowances	0	5,740	5,740
212103 Incapacity benefits (Employees)	0	1,764	1,764
221001 Advertising and Public Relations	0	5,216	5,216
221007 Books, Periodicals & Newspapers	0	1,356	1,356
221008 Information and Communication Technology Supplies.	0	6,260	6,260
221009 Welfare and Entertainment	0	1,200	1,200
221011 Printing, Stationery, Photocopying and Binding	0	5,272	5,272
221012 Small Office Equipment	0	2,088	2,088
222001 Information and Communication Technology Services.	0	22,436	22,436
223001 Property Management Expenses	0	3,128	3,128
223004 Guard and Security services	0	13,044	13,044
223005 Electricity	0	4,176	4,176
223006 Water	0	3,132	3,132
224011 Research Expenses	0	18,264	18,264
226001 Insurances	0	520	520
227004 Fuel, Lubricants and Oils	0	5,220	5,220
228001 Maintenance-Buildings and Structures	0	2,608	2,608
228002 Maintenance-Transport Equipment	0	21,200	21,200

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Thousands Uganda Shillings	2022/23 Approved Estimates		
Programme 01 AGRO-INDUSTRIALIZATION			
SubProgramme 02 Agricultural Production and Productivity			
	Wage	NonWage	Total
Department 002 Buginyaya Zonal Agriculture Research Institute(ZARDI)			
Budget Output 010008 Capacity Strengthening			
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	0	5,220	5,220
228004 Maintenance-Other Fixed Assets	0	2,608	2,608
Total Cost of Budget Output 010008	0	130,452	130,452
Budget Output 010010 Technology Generation			
221011 Printing, Stationery, Photocopying and Binding	0	3,101	3,101
221012 Small Office Equipment	0	1,070	1,070
224002 Veterinary supplies and services	0	1,000	1,000
224003 Agricultural Supplies and Services	0	13,800	13,800
224011 Research Expenses	0	9,200	9,200
227004 Fuel, Lubricants and Oils	0	3,600	3,600
228002 Maintenance-Transport Equipment	0	1,200	1,200
Total Cost of Budget Output 010010	0	32,971	32,971
Budget Output 010011 Technology Promotion			
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	0	8,696	8,696
211107 Boards, Committees and Council Allowances	0	3,828	3,828
212103 Incapacity benefits (Employees)	0	1,392	1,392
221001 Advertising and Public Relations	0	3,480	3,480
221007 Books, Periodicals & Newspapers	0	904	904
221008 Information and Communication Technology Supplies.	0	4,176	4,176
221009 Welfare and Entertainment	0	800	800
221011 Printing, Stationery, Photocopying and Binding	0	5,420	5,420
221012 Small Office Equipment	0	1,392	1,392
222001 Information and Communication Technology Services.	0	14,960	14,960
223001 Property Management Expenses	0	2,084	2,084
223004 Guard and Security services	0	8,692	8,692
223005 Electricity	0	2,784	2,784
223006 Water	0	2,084	2,084
224002 Veterinary supplies and services	0	2,793	2,793



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Thousands Uganda Shillings	2022/23 Approved Estimates		
Programme 01 AGRO-INDUSTRIALIZATION			
SubProgramme 02 Agricultural Production and Productivity			
	Wage	NonWage	Total
Department 002 Buginyaya Zonal Agriculture Research Institute(ZARDI)			
Budget Output 010011 Technology Promotion			
224003 Agricultural Supplies and Services	0	5,652	5,652
224011 Research Expenses	0	14,740	14,740
226001 Insurances	0	348	348
227004 Fuel, Lubricants and Oils	0	3,480	3,480
228001 Maintenance-Buildings and Structures	0	1,740	1,740
228002 Maintenance-Transport Equipment	0	13,916	13,916
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	0	3,480	3,480
228004 Maintenance-Other Fixed Assets	0	1,736	1,736
Total Cost of Budget Output 010011	0	108,577	108,577
Total Cost for Department 002	0	272,000	272,000
Total Excluding Arrears	0	272,000	272,000
Department 003 Bulindi Zonal Agriculture Research Institute(ZARDI)			
Budget Output 010010 Technology Generation			
221001 Advertising and Public Relations	0	7,149	7,149
221007 Books, Periodicals & Newspapers	0	2,383	2,383
221008 Information and Communication Technology Supplies.	0	5,957	5,957
221009 Welfare and Entertainment	0	7,149	7,149
221011 Printing, Stationery, Photocopying and Binding	0	7,149	7,149
221012 Small Office Equipment	0	3,574	3,574
221017 Membership dues and Subscription fees.	0	2,383	2,383
222002 Postage and Courier	0	1,191	1,191
223001 Property Management Expenses	0	4,766	4,766
223004 Guard and Security services	0	11,914	11,914
224010 Protective Gear	0	2,383	2,383
224011 Research Expenses	0	57,883	57,883
228002 Maintenance-Transport Equipment	0	11,914	11,914
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	0	9,531	9,531

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Thousands Uganda Shillings	2022/23 Approved Estimates		
Programme 01 AGRO-INDUSTRIALIZATION			
SubProgramme 02 Agricultural Production and Productivity			
	Wage	NonWage	Total
Department 003 Bulindi Zonal Agriculture Research Institute(ZARDI)			
Budget Output 010010 Technology Generation			
273102 Incapacity, death benefits and funeral expenses	0	3,574	3,574
Total Cost of Budget Output 010010	0	138,900	138,900
Total Cost for Department 003	0	138,900	138,900
Total Excluding Arrears	0	138,900	138,900
Department 004 Kachwekano Zonal Agriculture Research Institute(ZARDI)			
Budget Output 010010 Technology Generation			
211107 Boards, Committees and Council Allowances	0	1,600	1,600
221008 Information and Communication Technology Supplies.	0	8,000	8,000
221009 Welfare and Entertainment	0	7,200	7,200
221012 Small Office Equipment	0	1,400	1,400
222001 Information and Communication Technology Services.	0	800	800
223001 Property Management Expenses	0	8,400	8,400
223004 Guard and Security services	0	40,316	40,316
223005 Electricity	0	3,200	3,200
223006 Water	0	3,000	3,000
224003 Agricultural Supplies and Services	0	24,008	24,008
224011 Research Expenses	0	69,074	69,074
226001 Insurances	0	1,170	1,170
227004 Fuel, Lubricants and Oils	0	16,126	16,126
228001 Maintenance-Buildings and Structures	0	20,006	20,006
228002 Maintenance-Transport Equipment	0	9,600	9,600
Total Cost of Budget Output 010010	0	213,900	213,900
Total Cost for Department 004	0	213,900	213,900
Total Excluding Arrears	0	213,900	213,900
Department 005 Mbarara Zonal Agriculture Research Institute(ZARDI)			
Budget Output 010008 Capacity Strengthening			
224002 Veterinary supplies and services	0	15,000	15,000
224003 Agricultural Supplies and Services	0	10,000	10,000
224011 Research Expenses	0	91,800	91,800

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Thousands Uganda Shillings	2022/23 Approved Estimates		
Programme 01 AGRO-INDUSTRIALIZATION			
SubProgramme 02 Agricultural Production and Productivity			
	Wage	NonWage	Total
Department 005 Mbarara Zonal Agriculture Research Institute(ZARDI)			
Total Cost of Budget Output 010008	0	116,800	116,800
Total Cost for Department 005	0	116,800	116,800
Total Excluding Arrears	0	116,800	116,800
Department 006 Nabuin Zonal Agriculture Research Institute(ZARDI)			
Budget Output 010011 Technology Promotion			
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	0	13,500	13,500
211107 Boards, Committees and Council Allowances	0	5,000	5,000
212103 Incapacity benefits (Employees)	0	1,500	1,500
221001 Advertising and Public Relations	0	2,000	2,000
221009 Welfare and Entertainment	0	1,900	1,900
221011 Printing, Stationery, Photocopying and Binding	0	5,644	5,644
222002 Postage and Courier	0	600	600
223001 Property Management Expenses	0	4,000	4,000
223004 Guard and Security services	0	6,000	6,000
223005 Electricity	0	4,500	4,500
224002 Veterinary supplies and services	0	2,000	2,000
224003 Agricultural Supplies and Services	0	8,226	8,226
224011 Research Expenses	0	8,800	8,800
226001 Insurances	0	400	400
227004 Fuel, Lubricants and Oils	0	19,200	19,200
228001 Maintenance-Buildings and Structures	0	12,530	12,530
228002 Maintenance-Transport Equipment	0	15,000	15,000
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	0	6,000	6,000
Total Cost of Budget Output 010011	0	116,800	116,800
Total Cost for Department 006	0	116,800	116,800
Total Excluding Arrears	0	116,800	116,800
Department 007 NARO-SECRETARIATE			
Budget Output 010008 Capacity Strengthening			
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	0	257,053	257,053

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Thousands Uganda Shillings	2022/23 Approved Estimates		
Programme 01 AGRO-INDUSTRIALIZATION			
SubProgramme 02 Agricultural Production and Productivity			
	Wage	NonWage	Total
Department 007 NARO-SECRETARIATE			
Budget Output 010008 Capacity Strengthening			
211107 Boards, Committees and Council Allowances	0	41,178	41,178
221007 Books, Periodicals & Newspapers	0	6,976	6,976
221008 Information and Communication Technology Supplies.	0	10,434	10,434
221009 Welfare and Entertainment	0	30,741	30,741
221011 Printing, Stationery, Photocopying and Binding	0	62,244	62,244
221012 Small Office Equipment	0	8,259	8,259
222001 Information and Communication Technology Services.	0	69,412	69,412
222002 Postage and Courier	0	3,255	3,255
223001 Property Management Expenses	0	59,174	59,174
223004 Guard and Security services	0	51,345	51,345
223005 Electricity	0	60,693	60,693
223006 Water	0	24,876	24,876
224002 Veterinary supplies and services	0	37,682	37,682
224003 Agricultural Supplies and Services	0	458,951	458,951
224004 Beddings, Clothing, Footwear and related Services	0	29,065	29,065
224011 Research Expenses	0	3,592,204	3,592,204
226001 Insurances	0	64,369	64,369
227001 Travel inland	0	36,913	36,913
227004 Fuel, Lubricants and Oils	0	185,613	185,613
228001 Maintenance-Buildings and Structures	0	4,901,469	4,901,469
228002 Maintenance-Transport Equipment	0	124,212	124,212
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	0	50,171	50,171
228004 Maintenance-Other Fixed Assets	0	16,291	16,291
352882 Utility Arrears Budgeting	0	143,763	143,763
Total Cost of Budget Output 010008	0	10,326,343	10,326,343
Total Cost for Department 007	0	10,326,343	10,326,343
Total Excluding Arrears	0	10,182,581	10,182,581

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Thousands Uganda Shillings	2022/23 Approved Estimates		
Programme 01 AGRO-INDUSTRIALIZATION			
SubProgramme 02 Agricultural Production and Productivity			
	Wage	NonWage	Total
Department 008 National Agricultural Research Laboratories			
Budget Output 010008 Capacity Strengthening			
221008 Information and Communication Technology Supplies.	0	12,000	12,000
221011 Printing, Stationery, Photocopying and Binding	0	19,600	19,600
222001 Information and Communication Technology Services.	0	6,500	6,500
223001 Property Management Expenses	0	8,900	8,900
223004 Guard and Security services	0	11,000	11,000
223005 Electricity	0	19,000	19,000
223006 Water	0	11,800	11,800
224003 Agricultural Supplies and Services	0	25,000	25,000
224011 Research Expenses	0	134,200	134,200
226001 Insurances	0	2,300	2,300
227004 Fuel, Lubricants and Oils	0	20,800	20,800
228002 Maintenance-Transport Equipment	0	10,900	10,900
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	0	18,000	18,000
Total Cost of Budget Output 010008	0	300,000	300,000
Total Cost for Department 008	0	300,000	300,000
Total Excluding Arrears	0	300,000	300,000
Department 009 National Coffee Research Institute			
Budget Output 010008 Capacity Strengthening			
221007 Books, Periodicals & Newspapers	0	1,549	1,549
221008 Information and Communication Technology Supplies.	0	4,745	4,745
221009 Welfare and Entertainment	0	9,877	9,877
221011 Printing, Stationery, Photocopying and Binding	0	4,406	4,406
222002 Postage and Courier	0	968	968
223001 Property Management Expenses	0	4,309	4,309
223004 Guard and Security services	0	3,873	3,873
223005 Electricity	0	4,357	4,357
224003 Agricultural Supplies and Services	0	42,364	42,364
224010 Protective Gear	0	3,389	3,389

# VOTE: 142 National Agricultural Research Organization (NARO)

Thousands Uganda Shillings	2022/23 Approved Estimates		
Programme 01 AGRO-INDUSTRIALIZATION			
SubProgramme 02 Agricultural Production and Productivity			
	Wage	NonWage	Total
Department 009 National Coffee Research Institute			
Budget Output 010008 Capacity Strengthening			
224011 Research Expenses	0	30,171	30,171
227004 Fuel, Lubricants and Oils	0	50,594	50,594
228001 Maintenance-Buildings and Structures	0	15,658	15,658
228002 Maintenance-Transport Equipment	0	8,715	8,715
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	0	9,949	9,949
228004 Maintenance-Other Fixed Assets	0	484	484
273102 Incapacity, death benefits and funeral expenses	0	1,791	1,791
Total Cost of Budget Output 010008	0	197,200	197,200
Total Cost for Department 009	0	197,200	197,200
Total Excluding Arrears	0	197,200	197,200
Department 010 National Crops Resources Research Institute			
Budget Output 010008 Capacity Strengthening			
221001 Advertising and Public Relations	0	17,000	17,000
221008 Information and Communication Technology Supplies.	0	3,000	3,000
221011 Printing, Stationery, Photocopying and Binding	0	5,000	5,000
222001 Information and Communication Technology Services.	0	3,000	3,000
223004 Guard and Security services	0	7,000	7,000
223005 Electricity	0	29,800	29,800
224005 Laboratory supplies and services	0	3,000	3,000
224011 Research Expenses	0	46,420	46,420
227004 Fuel, Lubricants and Oils	0	8,000	8,000
228001 Maintenance-Buildings and Structures	0	5,000	5,000
228002 Maintenance-Transport Equipment	0	16,000	16,000
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	0	4,000	4,000
Total Cost of Budget Output 010008	0	147,220	147,220
Budget Output 010011 Technology Promotion			
221009 Welfare and Entertainment	0	3,500	3,500

# VOTE: 142 National Agricultural Research Organization (NARO)

Thousands Uganda Shillings	2022/23 Approved Estimates		
Programme 01 AGRO-INDUSTRIALIZATION			
SubProgramme 02 Agricultural Production and Productivity			
	Wage	NonWage	Total
Department 010 National Crops Resources Research Institute			
Budget Output 010011 Technology Promotion			
224003 Agricultural Supplies and Services	0	20,000	20,000
224011 Research Expenses	0	76,500	76,500
Total Cost of Budget Output 010011	0	100,000	100,000
Total Cost for Department 010	0	247,220	247,220
Total Excluding Arrears	0	247,220	247,220
Department 011 National Fisheries Resources Research Institute			
Budget Output 010008 Capacity Strengthening			
221001 Advertising and Public Relations	0	7,547	7,547
221007 Books, Periodicals & Newspapers	0	3,773	3,773
221008 Information and Communication Technology Supplies.	0	3,144	3,144
221009 Welfare and Entertainment	0	5,974	5,974
221011 Printing, Stationery, Photocopying and Binding	0	5,345	5,345
222001 Information and Communication Technology Services.	0	13,364	13,364
223004 Guard and Security services	0	9,433	9,433
223005 Electricity	0	7,861	7,861
223006 Water	0	7,861	7,861
224011 Research Expenses	0	40,249	40,249
227004 Fuel, Lubricants and Oils	0	11,792	11,792
228001 Maintenance-Buildings and Structures	0	23,897	23,897
228002 Maintenance-Transport Equipment	0	7,861	7,861
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	0	8,898	8,898
Total Cost of Budget Output 010008	0	157,000	157,000
Budget Output 010010 Technology Generation			
224003 Agricultural Supplies and Services	0	25,300	25,300
224011 Research Expenses	0	12,220	12,220
227004 Fuel, Lubricants and Oils	0	2,700	2,700
Total Cost of Budget Output 010010	0	40,220	40,220
Total Cost for Department 011	0	197,220	197,220



# VOTE: 142 National Agricultural Research Organization (NARO)

Thousands Uganda Shillings	2022/23 Approved Estimates		
Programme 01 AGRO-INDUSTRIALIZATION			
SubProgramme 02 Agricultural Production and Productivity			
	Wage	NonWage	Total
Total Excluding Arrears	0	197,220	197,220
Department 012 National Forestry Resources Research Institute			
Budget Output 010008 Capacity Strengthening			
221009 Welfare and Entertainment	0	4,000	4,000
221011 Printing, Stationery, Photocopying and Binding	0	4,400	4,400
222001 Information and Communication Technology Services.	0	2,400	2,400
222002 Postage and Courier	0	400	400
223001 Property Management Expenses	0	8,000	8,000
223004 Guard and Security services	0	9,936	9,936
223005 Electricity	0	16,680	16,680
224010 Protective Gear	0	724	724
224011 Research Expenses	0	4,000	4,000
227004 Fuel, Lubricants and Oils	0	12,000	12,000
228001 Maintenance-Buildings and Structures	0	4,000	4,000
228002 Maintenance-Transport Equipment	0	8,000	8,000
228004 Maintenance-Other Fixed Assets	0	4,000	4,000
Total Cost of Budget Output 010008	0	78,540	78,540
Budget Output 010010 Technology Generation			
221001 Advertising and Public Relations	0	4,330	4,330
221007 Books, Periodicals & Newspapers	0	1,299	1,299
222001 Information and Communication Technology Services.	0	8,660	8,660
224011 Research Expenses	0	32,171	32,171
Total Cost of Budget Output 010010	0	46,460	46,460
Total Cost for Department 012	0	125,000	125,000
Total Excluding Arrears	0	125,000	125,000
Department 013 Mukono Zonal Agriculture Research Institute (ZARDI)			
Budget Output 010010 Technology Generation			
221011 Printing, Stationery, Photocopying and Binding	0	7,500	7,500
222001 Information and Communication Technology Services.	0	4,632	4,632
223004 Guard and Security services	0	24,000	24,000
223005 Electricity	0	21,000	21,000



# VOTE: 142 National Agricultural Research Organization (NARO)

Thousands Uganda Shillings	2022/23 Approved Estimates		
Programme 01 AGRO-INDUSTRIALIZATION			
SubProgramme 02 Agricultural Production and Productivity			
	Wage	NonWage	Total
Department 013 Mukono Zonal Agriculture Research Institute (ZARDI)			
Budget Output 010010 Technology Generation			
223006 Water	0	3,400	3,400
224011 Research Expenses	0	34,536	34,536
227004 Fuel, Lubricants and Oils	0	6,300	6,300
Total Cost of Budget Output 010010	0	101,368	101,368
Budget Output 010011 Technology Promotion			
221001 Advertising and Public Relations	0	7,500	7,500
221009 Welfare and Entertainment	0	2,400	2,400
222001 Information and Communication Technology Services.	0	10,594	10,594
223001 Property Management Expenses	0	10,372	10,372
224011 Research Expenses	0	87,564	87,564
226001 Insurances	0	2,000	2,000
228001 Maintenance-Buildings and Structures	0	13,500	13,500
228002 Maintenance-Transport Equipment	0	14,000	14,000
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	0	6,602	6,602
228004 Maintenance-Other Fixed Assets	0	2,000	2,000
273102 Incapacity, death benefits and funeral expenses	0	6,000	6,000
Total Cost of Budget Output 010011	0	162,532	162,532
Total Cost for Department 013	0	263,900	263,900
Total Excluding Arrears	0	263,900	263,900
Department 014 National Livestock Resources Research Institute (NaLIRRI)			
Budget Output 010010 Technology Generation			
221003 Staff Training	0	20,000	20,000
221008 Information and Communication Technology Supplies.	0	37,700	37,700
221009 Welfare and Entertainment	0	12,496	12,496
221011 Printing, Stationery, Photocopying and Binding	0	7,252	7,252
221012 Small Office Equipment	0	21,492	21,492
221017 Membership dues and Subscription fees.	0	22,028	22,028
222002 Postage and Courier	0	11,448	11,448

# VOTE: 142 National Agricultural Research Organization (NARO)

Thousands Uganda Shillings	2022/23 Approved Estimates		
Programme 01 AGRO-INDUSTRIALIZATION			
SubProgramme 02 Agricultural Production and Productivity			
	Wage	NonWage	Total
Department 014 National Livestock Resources Research Institute (NaLIRRI)			
Budget Output 010010 Technology Generation			
223001 Property Management Expenses	0	13,000	13,000
223002 Property Rates	0	4,498	4,498
223004 Guard and Security services	0	40,000	40,000
223005 Electricity	0	40,000	40,000
223006 Water	0	10,000	10,000
224001 Medical Supplies and Services	0	40,000	40,000
224002 Veterinary supplies and services	0	10,000	10,000
224003 Agricultural Supplies and Services	0	80,500	80,500
224004 Beddings, Clothing, Footwear and related Services	0	33,000	33,000
224005 Laboratory supplies and services	0	16,000	16,000
224011 Research Expenses	0	91,806	91,806
225101 Consultancy Services	0	3,000	3,000
226002 Licenses	0	7,000	7,000
227001 Travel inland	0	5,000	5,000
227004 Fuel, Lubricants and Oils	0	2,000	2,000
228001 Maintenance-Buildings and Structures	0	42,500	42,500
228002 Maintenance-Transport Equipment	0	31,500	31,500
228004 Maintenance-Other Fixed Assets	0	20,000	20,000
Total Cost of Budget Output 010010	0	622,220	622,220
Total Cost for Department 014	0	622,220	622,220
Total Excluding Arrears	0	622,220	622,220
Department 015 National Semi Arid Resources Research Institute (NaSARRI)			
Budget Output 010010 Technology Generation			
224003 Agricultural Supplies and Services	0	3,330	3,330
224011 Research Expenses	0	15,540	15,540
227004 Fuel, Lubricants and Oils	0	2,220	2,220
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	0	1,130	1,130
Total Cost of Budget Output 010010	0	22,220	22,220

# VOTE: 142 National Agricultural Research Organization (NARO)

Thousands Uganda Shillings	2022/23 Approved Estimates		
Programme 01 AGRO-INDUSTRIALIZATION			
SubProgramme 02 Agricultural Production and Productivity			
	Wage	NonWage	Total
Department 015 National Semi Arid Resources Research Institute (NaSARRI)			
Budget Output 010011 Technology Promotion			
221001 Advertising and Public Relations	0	3,000	3,000
221007 Books, Periodicals & Newspapers	0	5,000	5,000
221008 Information and Communication Technology Supplies.	0	11,000	11,000
221009 Welfare and Entertainment	0	5,000	5,000
221011 Printing, Stationery, Photocopying and Binding	0	3,000	3,000
222001 Information and Communication Technology Services.	0	2,000	2,000
223001 Property Management Expenses	0	4,000	4,000
223004 Guard and Security services	0	9,600	9,600
223005 Electricity	0	14,400	14,400
223006 Water	0	4,000	4,000
224011 Research Expenses	0	22,000	22,000
226001 Insurances	0	1,000	1,000
227004 Fuel, Lubricants and Oils	0	6,000	6,000
228002 Maintenance-Transport Equipment	0	6,000	6,000
273102 Incapacity, death benefits and funeral expenses	0	4,000	4,000
Total Cost of Budget Output 010011	0	100,000	100,000
Total Cost for Department 015	0	122,220	122,220
Total Excluding Arrears	0	122,220	122,220
Department 016 Ngetta ZARDI			
Budget Output 010010 Technology Generation			
212103 Incapacity benefits (Employees)	0	12,000	12,000
221011 Printing, Stationery, Photocopying and Binding	0	2,000	2,000
223006 Water	0	7,000	7,000
224003 Agricultural Supplies and Services	0	16,000	16,000
224011 Research Expenses	0	64,680	64,680
228001 Maintenance-Buildings and Structures	0	5,000	5,000
228002 Maintenance-Transport Equipment	0	5,000	5,000
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	0	5,000	5,000

# VOTE: 142 National Agricultural Research Organization (NARO)

Thousands Uganda Shillings	2022/23 Approved Estimates		
Programme 01 AGRO-INDUSTRIALIZATION			
SubProgramme 02 Agricultural Production and Productivity			
	Wage	NonWage	Total
Department 016 Ngetta ZARDI			
Total Cost of Budget Output 010010	0	116,680	116,680
Total Cost for Department 016	0	116,680	116,680
Total Excluding Arrears	0	116,680	116,680
Department 017 Rwebitaba ZARDI			
Budget Output 010010 Technology Generation			
221003 Staff Training	0	5,662	5,662
221007 Books, Periodicals & Newspapers	0	2,831	2,831
221008 Information and Communication Technology Supplies.	0	5,284	5,284
221009 Welfare and Entertainment	0	4,718	4,718
221011 Printing, Stationery, Photocopying and Binding	0	5,662	5,662
222001 Information and Communication Technology Services.	0	9,248	9,248
223001 Property Management Expenses	0	10,380	10,380
223004 Guard and Security services	0	8,304	8,304
223005 Electricity	0	5,662	5,662
223006 Water	0	11,324	11,324
224003 Agricultural Supplies and Services	0	11,230	11,230
224004 Beddings, Clothing, Footwear and related Services	0	3,775	3,775
224011 Research Expenses	0	62,494	62,494
226001 Insurances	0	1,132	1,132
227004 Fuel, Lubricants and Oils	0	16,042	16,042
228001 Maintenance-Buildings and Structures	0	4,718	4,718
228002 Maintenance-Transport Equipment	0	15,098	15,098
228004 Maintenance-Other Fixed Assets	0	6,039	6,039
273102 Incapacity, death benefits and funeral expenses	0	2,076	2,076
Total Cost of Budget Output 010010	0	191,680	191,680
Total Cost for Department 017	0	191,680	191,680
Total Excluding Arrears	0	191,680	191,680
Development Budget Estimates			

# VOTE: 142 National Agricultural Research Organization (NARO)

Thousands Uganda Shillings	2022/23 Approved Estimates		
Programme 01 AGRO-INDUSTRIALIZATION			
SubProgramme 02 Agricultural Production and Productivity			
	GoU	External Fin.	Total
Project 1560 Relocation and Operationalisation of the National Livestock Resources Research Institute(NALIRRI)			
Budget Output 000017 Infrastructure Development and Management			
225201 Consultancy Services-Capital	120,000	0	120,000
312121 Non-Residential Buildings - Acquisition	4,712,478	0	4,712,478
312139 Other Structures - Acquisition	861,680	0	861,680
312232 Electrical machinery - Acquisition	25,000	0	25,000
Total Cost of Budget Output 000017	5,719,158	0	5,719,158
Budget Output 010010 Technology Generation			
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	288,000	0	288,000
221003 Staff Training	20,000	0	20,000
221008 Information and Communication Technology Supplies.	50,000	0	50,000
221011 Printing, Stationery, Photocopying and Binding	25,000	0	25,000
222001 Information and Communication Technology Services.	36,000	0	36,000
223004 Guard and Security services	11,000	0	11,000
223005 Electricity	30,000	0	30,000
224003 Agricultural Supplies and Services	463,000	0	463,000
224004 Beddings, Clothing, Footwear and related Services	15,000	0	15,000
224005 Laboratory supplies and services	140,000	0	140,000
224011 Research Expenses	302,030	0	302,030
227003 Carriage, Haulage, Freight and transport hire	10,000	0	10,000
227004 Fuel, Lubricants and Oils	250,000	0	250,000
228001 Maintenance-Buildings and Structures	50,000	0	50,000
228002 Maintenance-Transport Equipment	97,000	0	97,000
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	213,000	0	213,000
Total Cost of Budget Output 010010	2,000,030	0	2,000,030
Total Cost for Project 1560	7,719,188	0	7,719,188
Total Excluding Arrears	7,719,188	0	7719187.877
Project 1619 Retooling of National Agricultural Research Organization			
Budget Output 000003 Facilities and Equipment Management			
312212 Light Vehicles - Acquisition	5,981,200	0	5,981,200

# VOTE: 142 National Agricultural Research Organization (NARO)

Thousands Uganda Shillings	2022/23 Approved Estimates		
Programme 01 AGRO-INDUSTRIALIZATION			
SubProgramme 02 Agricultural Production and Productivity			
	GoU	External Fin.	Total
Project 1619 Retooling of National Agricultural Research Organization			
Budget Output 000003 Facilities and Equipment Management			
312221 Light ICT hardware - Acquisition	150,070	0	150,070
312222 Heavy ICT hardware - Acquisition	163,510	0	163,510
312229 Other ICT Equipment - Acquisition	400,000	0	400,000
312233 Medical, Laboratory and Research & appliances - Acquisition	10,554,863	0	10,554,863
312235 Furniture and Fittings - Acquisition	20,000	0	20,000
Total Cost of Budget Output 000003	17,269,643	0	17,269,643
Budget Output 010008 Capacity Strengthening			
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	70,871	0	70,871
211107 Boards, Committees and Council Allowances	704,200	0	704,200
221001 Advertising and Public Relations	100,000	0	100,000
221003 Staff Training	622,061	0	622,061
221004 Recruitment Expenses	60,000	0	60,000
221007 Books, Periodicals & Newspapers	14,000	0	14,000
221008 Information and Communication Technology Supplies.	135,636	0	135,636
221009 Welfare and Entertainment	45,000	0	45,000
221011 Printing, Stationery, Photocopying and Binding	166,009	0	166,009
221012 Small Office Equipment	2,605	0	2,605
221016 Systems Recurrent costs	30,000	0	30,000
221017 Membership dues and Subscription fees.	40,000	0	40,000
222001 Information and Communication Technology Services.	39,576	0	39,576
223002 Property Rates	30,000	0	30,000
223004 Guard and Security services	30,000	0	30,000
223005 Electricity	2,000	0	2,000
224002 Veterinary supplies and services	4,959	0	4,959
224003 Agricultural Supplies and Services	10,337	0	10,337
224005 Laboratory supplies and services	251,605	0	251,605
224011 Research Expenses	3,930,371	0	3,930,371
225101 Consultancy Services	328,281	0	328,281
225202 Environment Impact Assessment for Capital Works	100,000	0	100,000

# VOTE: 142 National Agricultural Research Organization (NARO)

Thousands Uganda Shillings	2022/23 Approved Estimates		
Programme 01 AGRO-INDUSTRIALIZATION			
SubProgramme 02 Agricultural Production and Productivity			
	GoU	External Fin.	Total
Project 1619 Retooling of National Agricultural Research Organization			
Budget Output 010008 Capacity Strengthening			
225204 Monitoring and Supervision of capital work	448,871	0	448,871
226001 Insurances	804	0	804
226002 Licenses	26,723	0	26,723
227001 Travel inland	353,483	0	353,483
227004 Fuel, Lubricants and Oils	216,740	0	216,740
228001 Maintenance-Buildings and Structures	1,153,077	0	1,153,077
228002 Maintenance-Transport Equipment	60,000	0	60,000
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	2,047	0	2,047
Total Cost of Budget Output 010008	8,979,257	0	8,979,257
Budget Output 010009 Research Partnerships			
262201 Contributions to International Organisations-Capital	1,785,000	0	1,785,000
o/w contributions to international organisations	1,785,000	0	1,785,000
282201 Contributions to Non-Government Institutions	15,000	0	15,000
o/w Contributions to non- government organisations	15,000	0	15,000
Total Cost of Budget Output 010009	1,800,000	0	1,800,000
Budget Output 010010 Technology Generation			
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	484,933	0	484,933
221001 Advertising and Public Relations	39,520	0	39,520
221003 Staff Training	111,556	0	111,556
221008 Information and Communication Technology Supplies.	51,928	0	51,928
221009 Welfare and Entertainment	1,361	0	1,361
221011 Printing, Stationery, Photocopying and Binding	103,003	0	103,003
221012 Small Office Equipment	7,796	0	7,796
221017 Membership dues and Subscription fees.	1,441	0	1,441
222001 Information and Communication Technology Services.	8,040	0	8,040
222002 Postage and Courier	21,635	0	21,635
223001 Property Management Expenses	1,723	0	1,723
223004 Guard and Security services	1,711	0	1,711



# VOTE: 142 National Agricultural Research Organization (NARO)

Thousands Uganda Shillings	2022/23 Approved Estimates		
Programme 01 AGRO-INDUSTRIALIZATION			
SubProgramme 02 Agricultural Production and Productivity			
	GoU	External Fin.	Total
Project 1619 Retooling of National Agricultural Research Organization			
Budget Output 010010 Technology Generation			
223005 Electricity	9,455	0	9,455
223006 Water	1,600	0	1,600
224002 Veterinary supplies and services	77,367	0	77,367
224003 Agricultural Supplies and Services	1,209,126	0	1,209,126
224004 Beddings, Clothing, Footwear and related Services	459	0	459
224005 Laboratory supplies and services	1,334,438	0	1,334,438
224010 Protective Gear	11,485	0	11,485
224011 Research Expenses	3,675,920	0	3,675,920
225101 Consultancy Services	178,179	0	178,179
225204 Monitoring and Supervision of capital work	17,228	0	17,228
226001 Insurances	2,871	0	2,871
226002 Licenses	1,952	0	1,952
227001 Travel inland	270,642	0	270,642
227003 Carriage, Haulage, Freight and transport hire	8,964	0	8,964
227004 Fuel, Lubricants and Oils	261,652	0	261,652
228001 Maintenance-Buildings and Structures	63,373	0	63,373
228002 Maintenance-Transport Equipment	76,166	0	76,166
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	29,175	0	29,175
228004 Maintenance-Other Fixed Assets	70,000	0	70,000
Total Cost of Budget Output 010010	8,134,699	0	8,134,699
Budget Output 010011 Technology Promotion			
211106 Allowances (Incl. Casuals, Temporary, sitting allowances)	250,961	0	250,961
221001 Advertising and Public Relations	214,445	0	214,445
221003 Staff Training	192,783	0	192,783
221007 Books, Periodicals & Newspapers	8,153	0	8,153
221008 Information and Communication Technology Supplies.	6,836	0	6,836
221009 Welfare and Entertainment	185,000	0	185,000
221011 Printing, Stationery, Photocopying and Binding	78,340	0	78,340



# VOTE: 142 National Agricultural Research Organization (NARO)

Thousands Uganda Shillings	2022/23 Approved Estimates		
Programme 01 AGRO-INDUSTRIALIZATION			
SubProgramme 02 Agricultural Production and Productivity			
	GoU	External Fin.	Total
Project 1619 Retooling of National Agricultural Research Organization			
Budget Output 010011 Technology Promotion			
222001 Information and Communication Technology Services.	163,325	0	163,325
222002 Postage and Courier	500	0	500
223004 Guard and Security services	2,182	0	2,182
223005 Electricity	1,723	0	1,723
224002 Veterinary supplies and services	11,520	0	11,520
224003 Agricultural Supplies and Services	1,084,728	0	1,084,728
224005 Laboratory supplies and services	17,917	0	17,917
224011 Research Expenses	2,141,574	0	2,141,574
226002 Licenses	62,000	0	62,000
227001 Travel inland	81,319	0	81,319
227004 Fuel, Lubricants and Oils	138,214	0	138,214
228002 Maintenance-Transport Equipment	27,500	0	27,500
228003 Maintenance-Machinery & Equipment Other than Transport Equipment	1,945	0	1,945
228004 Maintenance-Other Fixed Assets	1,723	0	1,723
Total Cost of Budget Output 010011	4,672,688	0	4,672,688
Total Cost for Project 1619	40,856,287	0	40,856,287
Total Excluding Arrears	40,856,287	0	40856286.698
Total for Sub-SubProgramme 01	62,260,238	0	62,260,238
Total Excluding Arrears	62,116,476	0	62,116,476
Grand Total Vote 142	116,927,116	0	116,927,116
Total Excluding Arrears	116,783,353	0	116,783,353

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

Table V6: Summary of Project allocations by Department

Thousand Uganda Shillings	2022/23 Approved Estimates		
	GoU	External Fin.	Total
Programme 01 AGRO-INDUSTRIALIZATION			
SubProgramme 02 Agricultural Production and Productivity			
Sub SubProgramme 01 Agricultural Research			
Department 007 NARO-SECRETARIATE			
1619 Retooling of National Agricultural Research Organization	40,856,287	0	40,856,287
Total Development for the Department 007	40,856,287	0	40,856,287
Total Excluding Arrears	40,856,287	0	40,856,287
Department 014 National Livestock Resources Research Institute (NaLIRRI)			
1560 Relocation and Operationalisation of the National Livestock Resources Research Institute(NALIRRI)	7,719,188	0	7,719,188
Total Development for the Department 014	7,719,188	0	7,719,188
Total Excluding Arrears	7,719,188	0	7,719,188
Grand Total Vote 142	48,575,475	0	48,575,475
Total Excluding Arrears	48,575,475	0	48,575,475

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

Table V7: External Financing for the Vote

N / A