



MEDIUM TERM EXPENDITURE FRAMEWORK (MTEF) FOR 2023-2026

MINISTRY OF FOOD AND AGRICULTURE



PROGRAMME BASED BUDGET ESTIMATES FOR 2023

THEME:
**Restoring and Sustaining Macroeconomic Stability and
Resilience through Inclusive Growth & Value Addition**



Nkabom Budget

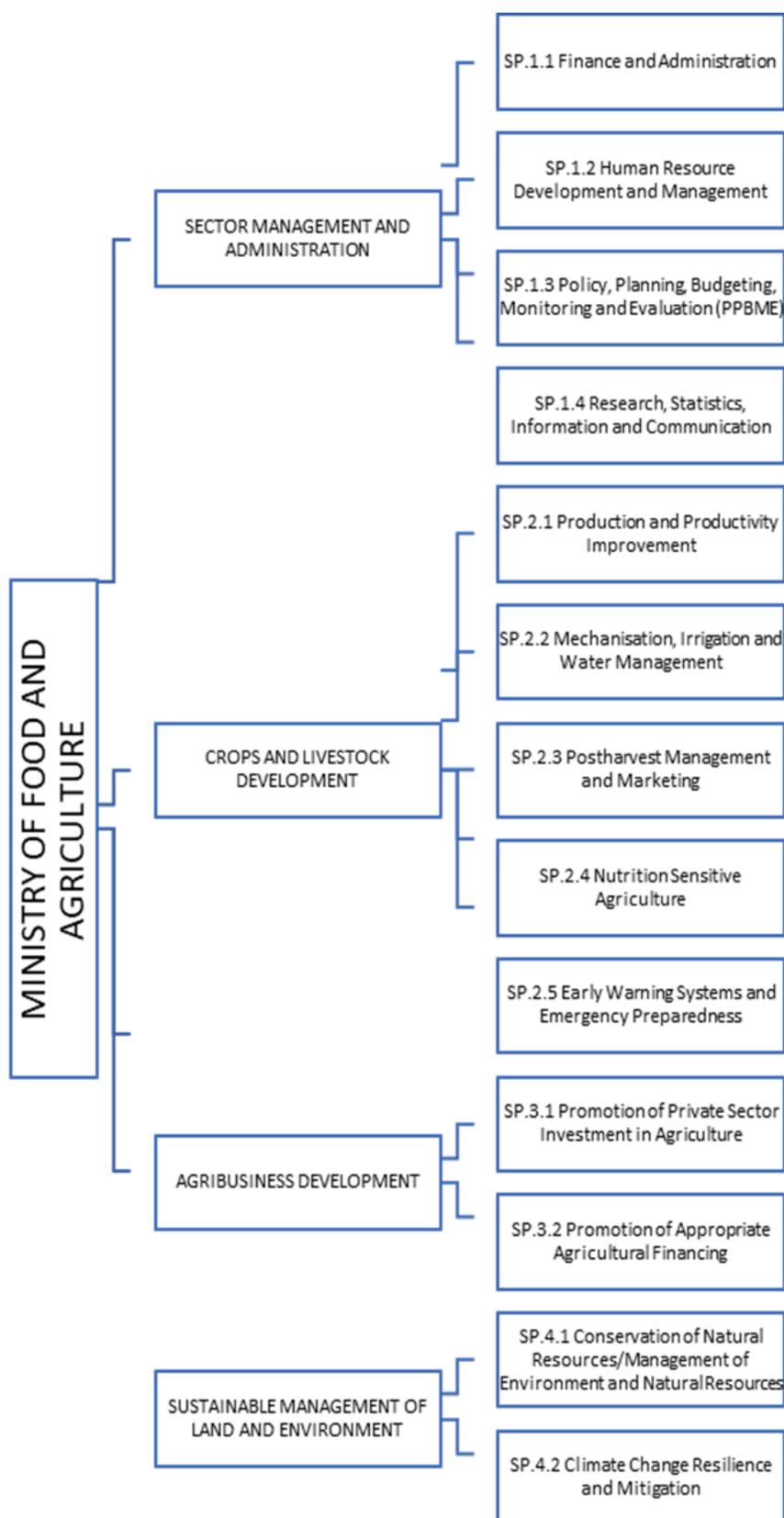
MINISTRY OF FOOD AND AGRICULTURE

***MINISTRY OF FOOD AND
AGRICULTURE***

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MINISTRY OF FOOD AND AGRICULTURE-PBB PROGRAMME STRUCTURE





1.5. Appropriation Bill

Summary of Expenditure by Sub-Programme, Economic Item and Funding

Entity: 012 - Ministry of Food and Agriculture (MoFA)

Year: 2023 | Currency: Ghana Cedi (GHS)

Approved version

	GoG				IGF				Funds / Others			Donors			Grand Total
	Compensation of employees	Goods and Services	31 - Non financial assets	Total	Compensation of employees	Goods and Services	31 - Non financial assets	Total	Statutory	ABFA	Others	Goods and Services	31 - Non financial assets	Total	
01201 - Management and Administration	32,405,030	20,272,919		52,677,949		8,160,117		8,160,117				389,544,900	481,900,000	871,444,900	932,282,967
01201001 - Finance and Administration	28,732,008	19,772,919		48,504,927								387,411,636	481,900,000	869,311,636	917,816,563
01201002 - Human Resource Development and Management						8,160,117		8,160,117							8,160,117
01201003 - Policy; Planning; Budgeting; Monitoring and Evaluation	2,229,771	500,000		2,729,771								2,133,265		2,133,265	4,863,036
01201004 - Research, Statistics, Information, Communication and Public Relations	1,443,251			1,443,251											1,443,251
01202 - Food Security and Emergency Preparedness	1,109,041			1,109,041											1,109,041
01202001 - Productivity improvement.	415,976			415,976											415,976
01202003 - Food storage, distribution and improved nutrition	693,065			693,065											693,065
01214 - Crops and Livestock Development	75,797,977	1,050,000	24,091,640	100,939,617		8,138,123	1,667,520	9,805,643		1,108,540,000		557,100		557,100	1,219,842,359
01214001 - Productivity Improvement	13,440,814	750,000	24,091,640	38,282,454		8,138,123	1,667,520	9,805,643		513,000,000		325,413		325,413	561,413,510
01214002 - Mechanization, irrigation and water management	9,317,342	300,000		9,617,342						450,000,000					459,617,342
01214003 - Postharvest management and agricultural marketing										58,540,000					58,540,000
01214004 - Nutrition sensitive agriculture										69,000,000		231,686		231,686	69,231,686
01214005 - Early warning systems and emergency preparedness	53,039,821			53,039,821						18,000,000					71,039,821
Grand Total	109,312,049	21,322,919	24,091,640	154,726,608		16,298,240	1,667,520	17,965,760		1,108,540,000		390,102,000	481,900,000	872,002,000	2,153,234,368

PART A: STRATEGIC OVERVIEW OF THE MINISTRY OF FOOD AND AGRICULTURE

1. NMTDPF POLICY OBJECTIVES

The National Medium-Term Development Policy Framework (NMTDPF) contains Seven (7) Policy Objectives that are relevant to the Ministry of Food and Agriculture (MoFA). These are as follows:

- Create an enabling agribusiness environment;
- Improve Public-Private Investments in the Agricultural Sector;
- Modernized and enhanced agricultural production systems;
- Improve post-harvest management;
- Promote agriculture as a viable business among the youth; and
- Promote livestock and poultry development.

2. GOAL AND LINKAGE TO THE SDGs

The Ministry exists to promote sustainable agriculture and thriving agribusiness through research and technology development, effective extension and other support services to farmers, processors and traders for improved livelihood.

The priorities of the sector contribute to the 2030 Sustainable Development Goals (SDGs). Particularly, Goal 1 which aims at ending poverty in all its forms; Goal 2 which aims at ending hunger, achieving food security and improved nutrition and promoting sustainable agriculture; and Goal 8 which promotes sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all. It further strives to achieve higher levels of economic productivity through value addition in labour-intensive sectors such as agriculture.

Further, the sector priorities are also in line with the 2014 Maputo Declaration by the AU Presidents and Heads of State on accelerated agricultural growth and transformation for shared prosperity. Key commitments of the declaration include increased investment finance in agriculture, reducing postharvest losses and boosting intra-Africa trade.

3. CORE FUNCTIONS

The core functions of MoFA are to:

- Plan and advise the Government on agricultural development policies, administration and management of the agricultural sector
- Monitor and evaluate the performance of the agricultural sector in crops, livestock, irrigation and mechanization
- Develop agricultural programmes and projects
- Collaborate with agricultural research

4. POLICY OUTCOME INDICATORS AND TARGETS

Outcome Indicator Description	Unit of Measurement	Base Line		Latest Status		Target	
		Year	Value	Year	Value	Year	Value
Agricultural GDP Growth Rate	%	2016	2.7	2021	8.4	2026	-
Self-sufficiency in key staples under PFJ							
Maize	%	2017	98	2021	88	2026	95
Rice	%	2017	44	2021	42	2026	60
Sorghum	%	2017	100	2021	100	2026	100
Increased vegetable production through greenhouse technology							
Cucumber	MT	2019	50	2022	81.21	2026	265.20
Bell Pepper	MT	2019	50	2022	32.21	2026	144
Tomato	MT	2019	70	2022	16.44	2026	97.28
Sweet Melon	MT	2019	85	2022	6.31	2026	23.75
Farmer access to mechanization services improved	Number of individuals/enterprises supported to provide mechanization services	2017	300	2022	171	2026	300
Increased Fertilizer usage	Fertilizer application rate (kg/ha)	2016	8	2021	25	2026	30
Agric. Extension Agent/farmer ratio(Ratio of the total extension officers to total farmer population)	The ratio of the total extension officers to total farmer population	2016	1:1,908	2022	1:709	2026	1:500
Access to Irrigation facilities (Area developed under formal irrigation)	Area developed under formal irrigation – hectare (Ha)	2017	12,003	2022	16,908.85	2026	41,486.85
Irrigation Land use efficiency (Land intensification ratio)	Ratio	2017	1.78	2022	0.71	2026	1.80

5. EXPENDITURE TREND FOR THE MEDIUM-TERM

During the 2019 financial year, the Ministry was allocated a total budget of **GHC1,186.521million**. Subsequently, the Parliament of Ghana approved a total of **GHC1,378.855million** and **GHC1,583.59million** in the 2020 and 2021 financial years respectively.

As at 31st December 2019, total expenditure stood at **GHC973.387million** representing 82.0% of the approved budget of **GHC1,186.521million**. The expenditure for 2020 was **GHC1,113.667million** (80.77%) of the approved budget of **GHC1,378.855million**. Though there was an absolute increase in total expenditure in 2020, the percentage was lower compared to 2019. In 2021, the Ministry expended a total of **GHC1,432.82million**. The details of the approved and actual expenditures from 2019 to 2021 are indicated in table 1.

Table 1: Budget allocation against actual expenditure (2019-2021)

SOURCES OF FUNDS	2019 (Million)		2020 (Million)		2021 (Million)	
	APPROVED BUDGET	ACTUAL EXP	APPROVED BUDGET	ACTUAL EXP	APPROVED BUDGET	ACTUAL EXP
GOG	607.258	438.359	877.934	739.625	1,012.242	1,062.64
ABFA	80.000	69.680	112.870	85.358	8.000	9.950
IGF	2.645	2.413	3.410	2.982	4.040	2.350
DONOR	496.618	462.935	384.640	285.704	559.310	360.280
TOTAL	1,186.521	973.387	1,378.855	1,113.669	1,583.590	1,432.820

In 2022, the Ministry was initially allocated an amount of **GHC1,103.171million** at appropriation. This was later reviewed to **GHC960.995million** at the mid-year fiscal policy review. The total Government of Ghana (GOG) contribution including Annual Budgetary Funding Amount (ABFA) and Internally Generated Funds (IGF) was **GHC667.899million**. This constituted 69.50% of the total budget. The donor contribution was **GHC293.09million** representing 30.80% of the total budget. The approved budget for the Compensation of employees was **GHC96.65million**, Goods & Services constituted **GHC585.56million** while CAPEX was **GHC278.78million** respectively.

As at September, 2022, a total of **GHC657.77million** representing 69.1% of the total revised budget was released to the Ministry. In terms of funding sources, 91.8%, 52.6% and 47.5% of total revised budgets for GOG, IGF and Donor were released respectively. While the release of ABFA was less impressive, 26.8% of the total ABFA budget as at September, 2022.

Total expenditure as of September, 2022 stood at **GHC 609.60million**, representing 92.7% of total releases. The expenditure performance for the different funding sources is indicated in the last two (2) columns of table 2 below.

Table 2: 2022 Approved Budget, Releases and Actual Expenditure as @ September (millions)

Funding Source	Approved Budget	Revised Budget	Releases @ Sept.	%Release of Revised Budget	Actual Expenditure @ Sept.	%Exp. of Release
GOG	765.500	531.324	478.990	91.8	443.250	92.5
ABFA	33.000	125.000	33.500	26.8	30.830	92.1
IGF	11.575	11.575	6.080	52.6	5.100	83.8
DONOR	293.096	293.096	139.200	47.5	130.420	93.7
TOTAL	1,103.17	960.995	657.770	69.1	609.600	92.7

A total of **GHC2,153.234million** has been allocated to the Ministry for the 2023 financial year. Out of the amount, the sum of GOG, ABFA and IGF is expected to contribute a total of **GHC1,281.232million** (59.50%) of the overall budget. The remaining **GHC872.002million**, representing 40.50% is expected to come from donor sources. The total Compensation of employees' budget is **GHC109.357million**, Goods & Services is **GHC1,027.691million** and CAPEX is **GHC1,016.184million**. The breakdown according to the funding sources is indicated in table 3 below.

Table 3: Breakdown of 2023 Approved Budget in (GHC).

Expenditure Item	GoG	ABFA	IGF	DONOR	TOTAL
Compensation of Employees	109,312,049	0	44,700	0	109,356,749
Goods & Services	21,322,919	600,000,000	16,267,900	390,102,000	1,027,692,819
CAPEX	24,091,640	508,540,000	1,653,160	481,900,000	1,016,184,801
Total	154,726,608	1,108,540,000	17,965,760	872,002,000	2,153,234,369

6. SUMMARY OF KEY ACHIEVEMENTS IN 2022

Introduction

The current triple global crises of Covid- 19, the Russia-Ukraine conflict and climate change continue to impact food production and constitute a threat to food security. Developing and agriculture-dependent economies like ours, require urgent and strategic interventions to scale up food production and build the resilience of its food systems. This is critical to avert a possible food crises in the current global environment. Greater public investment is imperative to support sound and strategic interventions such as the Planting for Food and Jobs (PFJ) to insulate the country from eminent threats to food security.

The Planting for Food and Jobs (PFJ) Programme is in its sixth year of implementation. Since its inception in 2017, the initiative has made significant contributions to the growth of agriculture and food security in the country. The planks of success include increase adoption of improved seeds and fertilizer from 11% in 2016 to 53% and 8kg/ha to 25kg/ha respectively. Among others, this has culminated in a vibrant seed industry with growing interest from private actors.

Programme 2. Crops and Livestock Development Programme

Sub-programme 2.1: Production and Productivity Improvement

Food Crops Development

In 2022, the focus of PFJ has been on four key commodity clusters or value chains namely: cereals (maize, rice, and sorghum), legumes (soybean, cowpea, and groundnut), vegetables (tomato, onion, pepper, cabbage, cucumber, lettuce, and carrot) and roots & tubers (Cassava and Orange Fleshed Sweet Potato (OFSP)). The selection of these crops was based on their high level of adaptability and consumption in all the agro-ecological zones of the country.

Consistent with the key objective of increasing food production and incomes of farmers, the Ministry had by the end of September, procured and distributed 19,280.15MT of improved seeds of cereals and legumes (comprising 10,446 of maize, 6,005 of rice, 301 of groundnut, 288 of cowpea, 2,023 of soybean, 204 of sorghum) and 13.15 of vegetable seeds to farmers across the country. In addition, 151,861MT of organic and inorganic fertilizers were procured and distributed to farmers unrolled under the PFJ across the country. The outcome of these interventions has culminated in an enhanced food security status within a favourable global environment.

In 2023, the Ministry projects to procure a total of 36,360MT of various improved seeds and 366,435MT of fertilizers (organic and inorganic) for distribution to 1.5 million farmers across the country at subsidised prices.

To ensure effective plant protection and pest management, the Ministry will procure 40,000 litres and 6,000kg of insecticides for the control of Fall Army Worm (FAW) and other pests and diseases. The estimate represents the same quantities procured in the year 2022. Based on expect analysis and projections. In addition, the Ministry will rear and release I million parasitoids as

biological agents against FAW. Progressively this will ensure the reduction of over-reliance on chemicals for the control of FAW and other pests.

Extension Service delivery is equally critical for ensuring high productivity, production and modernization of agriculture in general. To this end, the Ministry will print 3,000 copies of the extension reference handbooks developed for farmers in 2022. This will ensure an increase uptake of new technologies by farmers and other actors along the agriculture value chains.

Planting for Export and Rural Development (PERD)

Towards the agenda of diversifying earnings from the Tree Crops subsector, the Ministry through the Tree Crops Development Authority (TCDA) will facilitate the production and distribution of 5.65million high-quality planting materials of cashew, shea, coconut, oil palm, mango and rubber to 175,000 tree crop farmers. This contrast with 2.7 million improved seedlings provided to farmers during the 2022 cropping season. To ensure the operation of the TCDA to its maximum potential as envisaged in its mandate, the Ministry has completed a draft legislative instrument on fees and charges and submitted to the Attorney General's Department for consideration.

Livestock Development Module - Rearing for Food and Jobs (RFJ)

Towards the objective of self-sufficiency, job creation and the modernization and development of the livestock subsector, the Ministry procured and distributed 120,000-layer birds to 1,000 female poultry farmers in 9 MMDAs (Savelugu, Sagnarigu, Wa Municipal, Nandom, Sissala East, Krachi East, Nkwanta South, Techiman North and Nkoranza) under the Rearing Food and Jobs module of the PFJ. Beneficiaries also received a 120-capacity poultry battery cage to house the birds they supplied. This intervention sought to empower rural women and youth with sustainable alternative livelihoods and promote improved household nutrition. Other interventions in the year 2022 were signed contracts for procurement and distribution of 900,000 broiler Day Old Chicks (chicken), in support of the country's broiler project 900MT of feed and vaccines at a subsidized rate to 140 poultry farmers in Ashanti, Bono, Eastern and Greater Accra regions under an Anchor farmer-Out grower scheme. This is anticipated to contribute about 1.7 metric tonnes of broiler meat to increase local Supply.

As well a total of 3,750 small ruminants (3,450 Ewes and 300 Rams) were procured and distributed to livestock breeding stations and to total of 45 farmers compromising (8 Females and 37 Males). It is projected that within two years, this intervention will increase the livestock population by 24,103. Furthermore, it has been established that the procurement of ruminants strengthens farmers' resilience to shocks from crop failure and thereby maintains households' ability to fulfil social obligations.

Aligned with the objectives of building resilience, the Ministry produced 8,859,000 out of a target of 15 million doses of newcastle and anthrax vaccines in 2022. Efforts were also intensified in the area of promotion of meat hygiene and public health through meant inspection of 83,183.99MT and increased surveillance of diseases nationwide.

In 2023, the ministry will keep up the momentum of perusing its agenda by procuring 2 million broiler day-old chicks and 8,000 improved breeds of pigs for distribution to out-grower poultry

and pig farmers. Procurement processes will also be completed for the rehabilitation of 14 staff quarters and 10 livestock housing at Breeding Stations across the country.

Sub-Programme 2.2. Mechanization, Irrigation and Water Management Programme.

The Ministry's agenda of scaling up mechanization to increase productivity, found expression in the procurement of US\$29.900 million from Brazil under the third (3rd) and final tranche of the Brazilian "More Food Programme" facility. Machinery and equipment already in the country under the facility, include heavy-duty combine harvesters, tractors with varied implements, rice mills and other agro-primary and secondary processing equipment. So far, 25% of the equipment have been distributed to farmers under concessional arrangements.

Government has also signed a US\$24.984 million Indian Government EXIM loan agreement has been signed by Government for the establishment of an Assembly Plant in Ashanti Region for Tractors, Backhoe Loaders, and local fabrication of agricultural implements. Four (4) enterprises namely Kambung Coperative, Denko Agri Company Limited, Indofarms Ghana Limited & Nuru Farms have been supported to establish AMSECs in the Northern Region.

As required provision was made for developing the necessary human resource capacity for the handling and management of the imported machinery and equipment. A total one hundred and fifty (150) tractor operators, extension agents, technicians and engineers were trained at Adidome Mechanisation Training centre and Okyereko irrigation scheme to ensure the effective use of machinery and equipment.

Next year 2023, the Ministry hopes to complete the sale of the equipment from Brazil to interested farmers and machinery service providers (AMSECs) across the country.

It will also commence preparatory works for establishing the Tractor and Backhoe Loader Assembly Plant in the Ashanti Region.

Capacity building for machinery operators will continue to ensure the effective handling of the machinery in 2023.

To address the perennial problem of post-harvest losses, secure farmer income and facilitate value addition, the Ministry took possession of 80 (1000mt) warehouses under the "One District One Warehouse" government flagship programme. As at September, 2022, 65 out of the total 80 warehouses had been fully completed and in most cases operational. The remaining 15 are at advance stages of completion and are projected to be ready for operation next year. This intervention will add 80,000mt to the national grain storage capacity.

Among others, the benefits will include the promotion of the Ghana commodity exchange, food security and enhanced capacity to leverage AfCTA in the area of trade in agricultural commodity value chains.

The impact of the climate change phenomenon on global agricultural activities is a call to action by the government to adopt appropriate technology and other innovative practises for sustainable

agriculture and resilience against food insecurity. Government's response has been to continue investment in irrigation infrastructure both large and small across the country. During the year the Ministry completed the rehabilitation and modernization of large-scale irrigation schemes at Tono (2,490ha), Kpong (2,176ha) and Kpong Left Bank Project (2,100ha). The three (3) large schemes are expected to provide 6,766ha of irrigable area for all-year-round crop production.

Additionally, phases I and II of Tamne irrigation project, which comprises construction of the dam wall and the development of 500ha irrigable area have been completed. Phase III of the project which involves the stabilization of spillway structures to mitigate damage to the dam wall and potential flooding of surrounding settlements is at 57% completion.

Under support to "One-Village One-Dam" programme, the Ministry also awarded contracts for the construction of additional small-earth dams at Sunyeri, Tousal/jeyiri, Tasundo and Gilang and the development of irrigable areas at Vunania (15ha) and Gilang (15ha). As at September 2022, the percent completion of the various projects were Vunania project 70%, Gilang-73%, Tousal/Jeyiri-53%, Tasundo-90% and Sunyeri-45%. At full completion, a total of 90ha of Irrigable land would be made available for dry-season farming, livestock watering and domestic use.

Two other dams at Kpalbutabu and Duadinyediga under construction to support crop irrigation and to help mitigate flooding in flood-prone areas of the Savanna zone are 70% and 50% completed respectively.

Work on the Pwalugu Irrigation Project, as at 2022 remained at preparatory stage. During the year under review the following activities have been undertaken:

- Cadastral survey for land acquisition processes – 90% completed
- Resettlement Action Plan (RAP) Study – 50% completed
- Soil investigations – 100% completed
- Construction of site office and a 5km access road constructed to site office- 100% completed.
- Geotechnical investigation to facilitate the final design – 100% completed.
- Survey, investigation, and mapping of the weir site - 100% completed
- Development of video documentary on large-scale irrigation scheme as part of the sensitization process completed.

When completed, 24,000ha of irrigable land will be available for the cultivation of rice, vegetables, and sugarcane, among others.

In 2023, the Ministry plans to complete phase III of Tamne Irrigation project, the construction of dams at Sunyeri, Tousal/jeyiri, Tasundo and Gilang and the development of irrigable areas at Vunania(15ha) and Gilang(15ha). Engineering design will be validated and the supervision of the construction of headworks, main canal, drainage, site office and procurement of electrical and mechanical equipment at the Pwalugu Irrigation Project undertaken. Other planned activities are the commencement of the rehabilitation of the Vea Irrigation Scheme, the certification and operationalization of 15 Water Users Associations (WUAs).

Programme 3: Agribusiness Development Programme

Sub-programme 3.1 Promotion of Private Sector Investment in Agriculture

As part of the modernization and transformation agenda of the agricultural sector, steps were taken to complete a digital platform for the biometric registration of farmers and other value chain actors in the 5 regions of the Northern part of Ghana. The purpose of this intervention is to ensure scientific targeting of farmers, credible agri-business data and timely support to agricultural value chain actors. The main vehicle for delivering these services is the Ghana CARES Obaatanpa Programme. Thus far a total of 1,292,371 farmers have been biometrically registered and 970,000 biometric cards issued and distributed to registered farmers enrolled for the PFJ programme. A platform for the redemption of subsidized fertilizer has also been developed to among others eliminate the incident of fraud associated with the manual system. Under the Cares Obaatampa programme provision has been made to enhance access to affordable financing for agribusinesses. The main strategy employed is to provide interest rate subsidy to Agribusinesses for selected value chains namely: rice, soya, tomato, and poultry. The Ministry has signed agreements with 3 banks, ABSA, ADB and STANBIC to operationalize the Interest Rate Subsidy scheme. So far, a total of 23 agribusinesses in the rice, soya and poultry value chains have been identified for support.

In 2023, agribusinesses will be supported to complete documentation with participating Banks for the disbursement of funds. In addition, 13,000ha of rain-fed lowland rice fields will be mapped-out for development. This is in furtherance of support for rice value chain development.

Sustainable Management of Land and Environment

To build resilience against climate change, training in Participatory Watershed Management Planning (PWMP) was organized in 14 districts. A total of one hundred and ninety-six (196) members were trained in the use of the PWMP Manual for the development of Community Watershed Management Plans (CWMP). As a result, a total of one hundred and sixty-three (163) CWMP have been developed and these plans are being implemented in 26 districts. This is to enhance conservation agriculture, food security and climate resilience. Under the programme, the capacity of District Departments of Agriculture has been developed in climate change policy actions.

During the period under review under a landscape restoration project, a total of 15,025 farmers (7,143-Males 7,882-Females) also benefited from land restoration technologies and practices under a landscape restoration project. The Ministry supported the production of food crops and tree crops covering an area of 6,294.15ha.

Under agro-forestry, the Ministry collaborated with the Centre for Indigenous Knowledge and Organisational Development (CIKOD) and the Peasant Farmers Association of Ghana (PFA) to organize a National Policy Dialogue on Agroecology. A total of fifty-one (51) participants (Females-10, Males-41) from the Ministry of Food and Agriculture (MoFA), the Food and Agriculture Organisation (FAO), the Environmental Protection Agency (EPA), Council for Scientific and Industrial Research (CSIR), Civil Society Organisations (CSOs), Non-

Governmental Organisations (NGOs), Policy Link Ghana, Farmer Groups and Private Organisations attended the meeting.

PICTURES: DISRIBUTION OF LAYER 120,000 BIRDS AND 12,000 POULTRY BATTERY CAGES TO WOMEN



PICTURES: PROVISION OF 2.7 MILLION TREE CROPS SEEDLINGS TO FARMERS



CONSTRUCTION OF 30 WAREHOUSING: ONE- DISTRICT ONE WAREHOUSE



Completed warehouse with ancillary structures at Bussie in Upper West Region

STATUS OF 30 WAREHOUSES CONSTRUCTED BY MOFA

NO.	LOCATION	STATUS OF COMPLETION (%)
1	Pusu Namango, Talensi District	100
2	Fumbisi	100
3	Nangodi, Nabdam Dis	100
4	Denugu, Garu District	100
5	Bongo, Bongo District	100
6	Charikpong	100
7	Bulenga, Wa East Dist	82
8	Jirapa	100
9	Bussie	100
10	Dormaa-Ahenkro	100
11	Sunyani, Sunyani Municipal	60
12	Busunya, Nkoranza North District	88
13	Nkoranza, Nkoranza South District	100
14	Jema, Kintampo South	85
15	Kwame Danso, Sene West District	100
16	Dzodze, Ketu North District	100
17	Nkwanta, Nkwanta	100

NO.	LOCATION	STATUS OF COMPLETION (%)
18	Chinderi, Krachi Nchumuru District	100
19	Salaga, East Gonja District	100
20	Bole, North Bole District	100
21	Gambaga, East Mamprusi District	100
22	Sagnerigu, Sagnerigu District	89
23	Yagba, Mamprusi Moaduri District	100
24	Walewale, West Mamprusi District	100
25	Kumawu, Sekyere Afram Plains District	100
26	Effiduasi, Sekyere East District	100
27	Mankraso, Ahafo-Ano South District	100
28	New Edubiase, Adansi South District	100
29	Nsuta, Sekyere Afram Plains District	95
30	Agogo, Asante Akyem North	100

AGRICULTURAL MECHANISATION IN PICTURES

Sample of Brazil Machinery (3rd Tranche)



Combine harvester discharging harvested rice

Brazilian Voltra Tractor in Action

ONE-VILLAGE ONE-DAM INITIATIVE

ONGOING SMALL DAMS PROJECTS PROJECT IN PICTURES : Sanyari in Savannah Region, Gilang and Tusal in Upper West, Tosundo in Northern Region



KPONG IRRIGATION SCHEME IN PICTURES



Irrigation plots with lateral roads and canals



Main conveyor canal

TAMNE IRRIGATION PROJECT IN PICTURES



Dam Reservoir



Dam spillway



2.6 Budget by Chart of Account

6.0- Programme, Sub-Programme and Natural Account Summary

Entity: 012 - Ministry of Food and Agriculture (MoFA)

Funding: All Source of Funding

Year: 2023 | Currency: Ghana Cedi (GHS)

Approved version

	2023	2024	2025	2026
Programmes - Ministry of Food and Agriculture (MoFA)	2,153,234,368	2,153,240,860	2,153,255,144	2,153,255,144
01201 - Management and Administration	932,282,967	932,282,967	932,282,967	932,282,967
01201001 - Finance and Administration	917,816,563	917,816,563	917,816,563	917,816,563
21 - Compensation of Employees [GFS]	28,732,008	28,732,008	28,732,008	28,732,008
22 - Use of Goods and Services	407,184,555	407,184,555	407,184,555	407,184,555
31 - Non financial assets	481,900,000	481,900,000	481,900,000	481,900,000
01201002 - Human Resource Development and Management	8,160,117	8,160,117	8,160,117	8,160,117
22 - Use of Goods and Services	8,160,117	8,160,117	8,160,117	8,160,117
01201003 - Policy; Planning; Budgeting; Monitoring and Evalu	4,863,036	4,863,036	4,863,036	4,863,036
21 - Compensation of Employees [GFS]	2,229,771	2,229,771	2,229,771	2,229,771
22 - Use of Goods and Services	2,633,265	2,633,265	2,633,265	2,633,265
01201004 - Research, Statistics, Information, Communication	1,443,251	1,443,251	1,443,251	1,443,251
21 - Compensation of Employees [GFS]	1,443,251	1,443,251	1,443,251	1,443,251
01202 - Food Security and Emergency Preparedness	1,109,041	1,115,534	1,129,817	1,129,817
01202001 - Productivity improvement.	415,976	422,469	436,752	436,752
21 - Compensation of Employees [GFS]	415,976	422,469	436,752	436,752
01202003 - Food storage, distribution and improved nutrition	693,065	693,065	693,065	693,065
21 - Compensation of Employees [GFS]	693,065	693,065	693,065	693,065
01214 - Crops and Livestock Development	1,219,842,359	1,219,842,359	1,219,842,359	1,219,842,359
01214001 - Productivity Improvement	561,413,510	561,413,510	561,413,510	561,413,510
21 - Compensation of Employees [GFS]	13,440,814	13,440,814	13,440,814	13,440,814
22 - Use of Goods and Services	522,213,536	522,213,536	522,213,536	522,213,536
31 - Non financial assets	25,759,160	25,759,160	25,759,160	25,759,160
01214002 - Mechanization, irrigation and water management	459,617,342	459,617,342	459,617,342	459,617,342
21 - Compensation of Employees [GFS]	9,317,342	9,317,342	9,317,342	9,317,342
22 - Use of Goods and Services	300,000	300,000	300,000	300,000



2.6 Budget by Chart of Account

6.0- Programme, Sub-Programme and Natural Account Summary

Entity: 012 - Ministry of Food and Agriculture (MoFA)

Funding: All Source of Funding

Year: 2023 | Currency: Ghana Cedi (GHS)

Approved version

	2023	2024	2025	2026
31 - Non financial assets	450,000,000	450,000,000	450,000,000	450,000,000
01214003 - Postharvest management and agricultural marketi	58,540,000	58,540,000	58,540,000	58,540,000
31 - Non financial assets	58,540,000	58,540,000	58,540,000	58,540,000
01214004 - Nutrition sensitive agriculture	69,231,686	69,231,686	69,231,686	69,231,686
22 - Use of Goods and Services	69,231,686	69,231,686	69,231,686	69,231,686
01214005 - Early warning systems and emergency preparedne	71,039,821	71,039,821	71,039,821	71,039,821
21 - Compensation of Employees [GFS]	53,039,821	53,039,821	53,039,821	53,039,821
22 - Use of Goods and Services	18,000,000	18,000,000	18,000,000	18,000,000

PART B: BUDGET PROGRAMME SUMMARY

PROGRAMME 1: MANAGEMENT AND ADMINISTRATION

1. Budget Programme Objectives

- To improve institutional coordination within MOFA and other relevant ministries, departments and agencies (MDAs)
- To strengthen institutions within the Ministry
- To strengthen policy, planning, monitoring and evaluation in the agricultural sector

2. Budget Programme Description

The Management and Administration Programme provides cross-cutting services required for other Programmes to succeed in achieving their objectives. The Programme is responsible for:

- Setting the MDA's policy direction through the reviews, formulation and coordination of policies and programmes.
- Managing human resource, budget, finance, central procurement, stores and logistics, Information Communication Technology (ICT) Services, public relations, organizational development and corporate training.

This programme is executed through the following key operations:

- Manage Assets and Liabilities.
- Procurement processes.
- Policy development processes and related issues;
- Audit financial transactions;
- Provision of legal services.
- Conduct tracer studies and outreach programmes;
- Conduct monitoring and evaluation of all policies/ programmes/ projects;
- Develop and implement Policies, Plans and Annual Budgets.
- Prepare an investment guide for the agricultural sector in Ghana.
- Coordinate programmes/projects implementation in the agricultural sector.
- Collect, process, and analyse crop production-related data.
- Collaborate with relevant stakeholders to collect, process, and analyse livestock and poultry data.
- Monitor agricultural trade statistics, producer prices, farm input prices and transport charges for agricultural commodities.
- Collect and analyse weekly market prices of various agricultural produce at wholesale and retail levels.
- Prepare annual crop budget for major crops; and
- Establish and maintain a national operational and geodatabase.

The organizational units responsible for delivering this programme are Finance and Administration, Policy Planning Monitoring and Evaluation Directorate (PPMED), Human Resource Development and Management Directorate (HRDM) and Statistics, Research, and Information Directorate (SRID) with a total number of 476 staff.

The beneficiaries of this programme are the Ministry and other key stakeholders in the agricultural sector. This programme is funded mainly by GoG and Donor support. The donor support mainly comes from Global Affairs - Canada (GAC), World Bank (WB), and the United States Agency for International Development (USAID).

The main challenge faced in the delivery of this programme is weak collaboration in the planning and execution of policies and programmes among key stakeholders.



2.6 Budget by Chart of Account

6.0- Programme, Sub-Programme and Natural Account Summary

Entity: 01201 - Finance and Administration Directorate

Funding: All Source of Funding

Year: 2023 | **Currency:** Ghana Cedi (GHS)

Approved version

	2023	2024	2025	2026
01201 - Management and Administration	892,700,041	892,700,041	892,700,041	892,700,041
01201001 - Finance and Administration	892,164,917	892,164,917	892,164,917	892,164,917
21 - Compensation of Employees [GFS]	3,080,362	3,080,362	3,080,362	3,080,362
22 - Use of Goods and Services	407,184,555	407,184,555	407,184,555	407,184,555
31 - Non financial assets	481,900,000	481,900,000	481,900,000	481,900,000
01201003 - Policy; Planning; Budgeting; Monitoring and Evalu	535,124	535,124	535,124	535,124
22 - Use of Goods and Services	535,124	535,124	535,124	535,124

BUDGET SUB-PROGRAMME SUMMARY

PROGRAMME 1: SECTOR MANAGEMENT AND ADMINISTRATION SUB-PROGRAMME 1.1: Finance and Administration

1. Budget Sub-Programme Objectives

- To effectively coordinate the activities of the Ministry and its Agencies
- To ensure the provision and maintenance of adequate logistics
- To establish and implement an effective and efficient financial management system within the Ministry.

2. Budget Sub-Programme Description

This sub-programme seeks to support an effective and efficient financial and administrative management framework within the Ministry. This will be done by developing an effective electronic framework for financial, asset management and administrative reporting. It also seeks to ensure the provision of adequate logistics for the implementation of planned activities. The organizational unit responsible for delivering this sub-programme is Finance and Administration with a total staff strength of 100.

The beneficiaries of this programme are the Ministry and its agencies in the agricultural sector. This sub-programme is funded mainly by GoG and Donor support. The donor supports mainly come from Global Affairs-Canada (GAC) and Japan International Cooperation Agency (JICA). The main challenge faced in the delivery of this sub-programme is the high attrition rate of staff.

3. Budget Sub-Programme Results Statement

The table below indicates the main outputs, its indicators and projections by which the Ministry measures the performance of this sub-programme. The past data indicates actual performance whilst the projections are the Ministry's estimates of future performance.

Main Outputs	Output Indicator	Past Years				Projections			
		2021		2022		Budget Year 2023	Indicative Year 2024	Indicative Year 2025	Indicative Year 2026
		Target	Actual	Target	Actual				
Agriculture related national and international shows organized	Number	4	2	3	NIL	3	3	3	3
Procurement plan prepared	Date	31 st Oct	31 st Oct.	31 st Oct.	NIL	31 st Oct.	31 st Oct.	31 st Oct.	31 st Oct.
Asset register	Asset register reviewed by	Jan. 9, 2022	Sept. 30, 2021	Sept. 15, 2022	NIL	Sept. 15, 2022	Sept. 15, 2023	Oct. 15, 2024	Oct. 15, 2025
Reports produced	Number of financial reports	4	3	4	4	4	4	4	4
	Audit report	1	-	1	NIL	1	1	1	1

4. Budget Sub-Programme Operations and Projects

The table lists the main Operations and Projects to be undertaken by the subprogramme.

Operations	Projects
Internal Management of the Organisation	Procure Vehicles for the Ministry
Subscription to Local and International Affiliations	
Preparation of Financial Reports	
Procurement of Office Supplies and Consumables	
Treasury and Accounting Activities	
Legal and Administrative Framework Reviews	
Contractual Obligations and Commitments	
Internal Audit Operations	



2.8. Budget by Chart of Account

8 - Sub-Programme and Natural Account

Entity: 01201 - Finance and Administration Directorate

Funding: All Source of Funding

Year: 2023 | **Currency:** Ghana Cedi (GHS)

Approved version

	2023	2024	2025	2026
01201001 - Finance and Administration	892,164,917	892,164,917	892,164,917	892,164,917
21 - Compensation of Employees [GFS]	3,080,362	3,080,362	3,080,362	3,080,362
22 - Use of Goods and Services	407,184,555	407,184,555	407,184,555	407,184,555
31 - Non financial assets	481,900,000	481,900,000	481,900,000	481,900,000

BUDGET SUB-PROGRAMME SUMMARY

PROGRAMME 1: SECTOR MANAGEMENT AND ADMINISTRATION SUBPROGRAMME 1.2: Human Resource Development and Management

1. Budget Sub-Programme Objective

To improve the human resource capacity of all directorates of MOFA and relevant Agencies.

2. Budget Sub-Programme Description

This sub-programme seeks to manage and improve the human resource capacity for all MoFA directorates and agencies through capacity building to enhance agricultural productivity. In addition, the sub-programme will support the training of middle-level personnel and vocational training. It will also ensure collaboration between HRDMD and other Tertiary institutions on graduate and postgraduate training.

The organizational unit responsible for delivering this sub-programme is the Human Resource Development and Management Directorate with a total staff strength of 253. The beneficiaries of this programme are the staff of the Ministry, farmers and the youth. This Sub-programme is funded mainly by the Government of Ghana (GoG) and donor support. The donor supports are Global Affairs Canada (CIDA). The main challenge faced in the delivery of this sub-programme is the high attrition rate of staff and inadequate capacity building programmes.

3. Budget Sub-Programme Results Statement

The table below indicates the main outputs, indicators, and projections by which the Ministry measures the performance of this sub-programme. The past data indicates actual performance whilst the projections are the Ministry's estimates of future performance.

Main Outputs	Output Indicator	Past Years				Projections			
		2021		2022		Budget Year 2023	Indicative Year 2024	Indicative Year 2025	Indicative Year 2026
		Target	Actual	Target	Actual				
Human resources within the ministry, relevant MDAs and other actors along the agricultural value chain developed (trained).									
In-service training	Number of staff trained	175	106	175	254	190	210	210	250
Local courses		150	145	155	123	200	220	220	220
Foreign Training	Number of staff trained	50	37	55	62	60	60	60	65
Middle-level manpower training		1050	1014	1060	1115	1065	1065	1065	1110

4. Budget Sub-Programme Operations and Projects

The table below lists the main Operations to be undertaken by the sub-programme.

Operations	Projects
Agric Education	No Projects
Procurement of Office Supplies and Consumables	
Human Resource Database	
Manpower Skills Development	
Management and Monitoring of Policies, Programmes and Projects	
Recruitment, Placement and Promotions	
Facilitate training of staff	



2.8. Budget by Chart of Account

8 - Sub-Programme and Natural Account

Entity: 012 - Ministry of Food and Agriculture (MoFA)

Funding: All Source of Funding

Year: 2023 | **Currency:** Ghana Cedi (GHS)

Approved version

	2023	2024	2025	2026
01201002 - Human Resource Development and Manag	8,160,117	8,160,117	8,160,117	8,160,117
22 - Use of Goods and Services	8,160,117	8,160,117	8,160,117	8,160,117

BUDGET SUB-PROGRAMME SUMMARY

PROGRAMME 1: SECTOR MANAGEMENT AND ADMINISTRATION

SUBPROGRAMME 1.3: Policy, Planning, Budgeting, Monitoring and Evaluation (PPBME)

1. Budget Sub-Programme Objective

- To improve planning, policy analysis, monitoring and evaluation in the agricultural sector.
- To strengthen the platform for engagement between MOFA and DPs, Civil Society Organizations, the Private Sector, and other MDAs.

2. Budget Sub-Programme Description

This sub-programme aims at improving planning, policy formulation and implementation in the agricultural sector. It seeks to strengthen engagements among stakeholders to enhance monitoring & evaluation, and coordination of policies and programmes that address issues and mitigate risks in achieving the sector objectives. The organizational unit responsible for delivering this sub-programme is the Policy Planning Monitoring and Evaluation Directorate with total staff strength of 67.

The beneficiaries of this programme are the Ministry, its agencies, and other stakeholders. This programme is funded mainly by GoG, Donor (GAC, USAID, etc.)

The main challenge faced in the delivery of this sub-programme is the high attrition rate of staff.

3. Budget Sub-Programme Results Statement

The table below indicates the main outputs, indicators and projections by which the Ministry measures the performance of this sub-programme. The past data indicates actual performance whilst the projections are the Ministry's estimates of future performance.

Main Outputs	Output Indicator	Past Years				Projections			
		2021		2022		Budget Year 2023	Indicative Year 2024	Indicative Year 2025	Indicative Year 2026
		Target	Actual	Target	Actual				
Monitoring and evaluation reports	MoFA Annual Performance Reports Produced (APR)	1	1	1	-	1	1	1	1
	MoFA Joint Sector Review conducted	1	1	1	1	1	1	1	1
	Number of Monitoring conducted on projects and programmes	10	10	10	10	10	10	10	10
Annual Budget Prepared and Implemented	Internal Budget hearing organized.	Aug.	Aug.	Aug.	-	Aug.	Aug.	Aug.	Aug.
	MoFA Annual Budget Prepared	Nov.	Nov.	Nov.	-	Nov.	Nov.	Nov.	Nov.

4. Budget Sub-Programme Operations and Projects

The table below lists the main Operations and Projects to be undertaken by the Sub-programme.

Operations	Projects
Budget Preparation and implementation	Purchase of office equipment e.g laptops
Budget Performance Reporting	
Planning and Policy Formulation	
Publication and dissemination of Policies and Programmes	
Planning, developing and reviewing all policy documents	
Management and Monitoring Policies, Programmes and Projects	
Prepare MoFA Annual Performance Report	
Conduct Joint Sector Review (JSR)	
Evaluation and impact assessment activities	



2.8. Budget by Chart of Account

8 - Sub-Programme and Natural Account

Entity: 01201 - Finance and Administration Directorate

Funding: All Source of Funding

Year: 2023 | **Currency:** Ghana Cedi (GHS)

Approved version

	2023	2024	2025	2026
01201003 - Policy; Planning; Budgeting; Monitoring an	535,124	535,124	535,124	535,124
22 - Use of Goods and Services	535,124	535,124	535,124	535,124

BUDGET SUB-PROGRAMME SUMMARY

PROGRAMME 1: SECTOR MANAGEMENT AND ADMINISTRATION

SUBPROGRAMME 1.4: Research, Statistic, Information and Communication

1. Budget Sub-Programme Objective

To provide relevant, timely and reliable data for policy formulation and decision making.

2. Budget Sub-Programme Description

This sub-programme seeks to provide, timely and reliable data for policy formulation and decision-making. This will be done through the establishment and maintenance of a computer database for the agricultural sector; collaborating with relevant institutions to provide statistics; promoting E-agriculture to support operations of the agricultural sector and strengthening the convergence of agricultural information to improve knowledge sharing and public access to information.

The organizational units responsible for delivering this sub-programme are the Statistics Research and Information Directorate (SRID), Information Communication Technology (ICT) Unit and the Information Resource Centre (MOFAIR) with a total staff strength of 56.

The beneficiaries of this sub-programme are the Ministry, its agencies, and other stakeholders. The programme Stakeholders. The sub-programme is funded mainly by GoG, and Donor (GAC, USAID, etc). The main challenge faced in the delivery of this sub-programme is the weak capacity to deliver on the mandate, meeting the urban increasing and diversity on the complex nature of user needs for agricultural statistics in the face of limited resources (funding, logistics, etc).

3. Budget Sub-Programme Results Statement

The table below indicates the main outputs, its indicators, and projections by which the Ministry measures the performance of this sub-programme. The past data indicates actual performance whilst the projections are the Ministry's estimates of future performance.

Main Outputs	Output Indicator	Past Years				Projections			
		2021		2022		Budget Year 2023	Indicative Year 2024	Indicative Year 2025	Indicative Year 2026
		Target	Actual	Target	Actual				
Reliable and timely information	Number of websites (MoFA) hits	648,577	196,416	713,435	248,553	78,477	86,325	86,325	86,325
	Number of hits at E-Agriculture web portal	208,784	175,766	229,663	238,335	252,629	277,892	277,892	277,892
	Number of hits at Interactive Voice Response (IVR)	4,092	-	4,501	-	4,951	5,446	5446	-

Main Outputs	Output Indicator	Past Years				Projections			
		2021		2022		Budget Year 2023	Indicative Year 2024	Indicative Year 2025	Indicative Year 2026
		Target	Actual	Target	Actual				
Agricultural Facts and Figures disseminated	Number of copies	500	-	500	-	500	500	500	500
Annual Agriculture in Ghana Facts and Figures disseminated	Annual Publication	1	1	1	-	1	1	1	1
Household Food and Nutrition Security Monitoring (FNSM) System	Number of quarterly bulletins	4	4	4	2	4	4	4	4
Agricultural commodity Market prices	Number of Weekly of Market prices report disseminated	52	52	52	37	52	52	52	52
Quarterly food situation report	Number of reports produced	4	4	2	4	4	4	4	4

4. Budget Sub-Programme Operations and Projects

The table below lists the main operations to be undertaken by the sub-programme.

Operations	Projects
Research and Development.	No Projects
National operational and geodata database. (E.g. Create National Farmer Database)	ECOAGRIS
Assessment of food outlook (production prospects, demand, supply etc.).	
Personnel and staff Upgrading	
Updating of MoFA website daily	
Manage ICT infrastructure and e- agriculture services of MoFA	
Dissemination of information to MoFA staff and the general public	
Upgrade capacity of MoFA staff on information /knowledge management	



2.8. Budget by Chart of Account

8 - Sub-Programme and Natural Account

Entity: 012 - Ministry of Food and Agriculture (MoFA)

Funding: All Source of Funding

Year: 2023 | **Currency:** Ghana Cedi (GHS)

Approved version

	2023	2024	2025	2026
01201004 - Research, Statistics, Information, Communi	1,443,251	1,443,251	1,443,251	1,443,251
21 - Compensation of Employees [GFS]	1,443,251	1,443,251	1,443,251	1,443,251

BUDGET PROGRAMME SUMMARY

PROGRAMME 2: CROPS AND LIVESTOCK DEVELOPMENT

1. Budget Programme Objectives

- To reduce food and nutrition insecurity through modernized agriculture
- To maintain national strategic stocks for emergencies
- To establish effective early warning systems
- To ensure adequate availability and accessibility of food and raw materials through increased productivity;
- To provide job opportunities for the teeming youth in agriculture and allied sectors; and
- To increase productivity through the adoption of improved technology

2. Budget Programme Description

This programme seeks to increase agricultural productivity through modernization of the agricultural sector resulting in increased food production, improved incomes and jobs. As part of the strategies to achieve these, the government will facilitate farmers access to improved technologies, certified seeds, fertilizers, improved livestock and poultry breeds, through the implementation of all Government flagship programmes in the agricultural sector. These flagship programmes are Planting for Food and Jobs Campaign (PFJ), Rearing for Food and Jobs (RFJ), Planting for Export and Rural Development (PERD), Mechanization Services and Green House Villages.

The PFJ programme is structured around five (5) pillars, namely access to improved seed, fertilizer, extension services, marketing and E-agriculture. The objective of PFJ is to ensure availability of food in the country. The Programme is aims to:

- Increase productivity of food crops
- Ensure food security, raw materials for industry, reduce food import and increase export □ Create jobs for the youth
- Create incentives and awareness to increase investment and attract the youth into agriculture

Rearing for Food and Jobs seeks to improve livestock production and to make it more competitive to provide animal protein, employment and income for actors along the livestock Value Chain and the Ghanaian economy as a whole.

The RFJ is built around eight (8) strategic components namely; supply of improved breeding stock, development and conservation of feed and water resources, improving livestock extension and farmer education, disease control and surveillance, commercial livestock production, infrastructure support (housing, plant & equipment, processing, and marketing), Application of e-agriculture, Programme coordination.

PERD seeks to promote rural economic growth and improve the household income of rural farmers through the provision of certified improved seedlings, extension services, business support and regulatory mechanisms. PERD is to develop Nine (9) commodity value chains namely cashew, coffee, cotton, coconut, citrus, oil palm, mango, rubber, and shea, out of which, six commodities have already been prioritized for support.

Greenhouse village seeks to promote sustainable production of high value and quality vegetables for local and international markets to create job opportunities for the youth. The programme is to provide an enabling environment for more farmers to invest in the sector.

The programme also seeks to improve warehousing and cold chain facility with the focus on reducing postharvest losses. Nutrition sensitive agriculture and livelihood diversification options will also be promoted through this programme.

This Programme consists of five (5) sub-programmes as follows:

- Productivity Improvement
- Mechanization, Irrigation and Water management;
- Postharvest Management and Agricultural Marketing;
- Nutrition-Sensitive Agriculture; and
- Emergency Preparedness.

The organizational units responsible for delivering this programme are the Directorate of Agricultural Extension Services (DAES), Directorate of Crops Services (DCS), Policy Planning Monitoring and Evaluation Directorate (PPMED), and Statistics Research and Information Directorate (SRID), Women in Agricultural Directorate (WIAD), Ghana Irrigation Development Authority (GIDA), Agricultural Engineering Services Directorate (AESD), Grains and Legumes Development Board (GLDB), Plant Protection and Regulatory Services Directorate (PPRSD), Veterinary Services Directorate (VSD) and Animal Production Directorate (APD) with a total number of 2,789 staff.

The beneficiaries of this programme are the Ministry and other key stakeholders in the agricultural sector. The programme is funded mainly by GoG, and Donor support. The donor supports are CIDA, WB and USAID.



2.6 Budget by Chart of Account

6.0- Programme, Sub-Programme and Natural Account Summary

Entity: 012 - Ministry of Food and Agriculture (MoFA)

Funding: All Source of Funding

Year: 2023 | **Currency:** Ghana Cedi (GHS)

Approved version

	2023	2024	2025	2026
01214 - Crops and Livestock Development	1,219,842,359	1,219,842,359	1,219,842,359	1,219,842,359
01214001 - Productivity Improvement	561,413,510	561,413,510	561,413,510	561,413,510
21 - Compensation of Employees [GFS]	13,440,814	13,440,814	13,440,814	13,440,814
22 - Use of Goods and Services	522,213,536	522,213,536	522,213,536	522,213,536
31 - Non financial assets	25,759,160	25,759,160	25,759,160	25,759,160
01214002 - Mechanization, irrigation and water management	459,617,342	459,617,342	459,617,342	459,617,342
21 - Compensation of Employees [GFS]	9,317,342	9,317,342	9,317,342	9,317,342
22 - Use of Goods and Services	300,000	300,000	300,000	300,000
31 - Non financial assets	450,000,000	450,000,000	450,000,000	450,000,000
01214003 - Postharvest management and agricultural marketi	58,540,000	58,540,000	58,540,000	58,540,000
31 - Non financial assets	58,540,000	58,540,000	58,540,000	58,540,000
01214004 - Nutrition sensitive agriculture	69,231,686	69,231,686	69,231,686	69,231,686
22 - Use of Goods and Services	69,231,686	69,231,686	69,231,686	69,231,686
01214005 - Early warning systems and emergency preparedne	71,039,821	71,039,821	71,039,821	71,039,821
21 - Compensation of Employees [GFS]	53,039,821	53,039,821	53,039,821	53,039,821
22 - Use of Goods and Services	18,000,000	18,000,000	18,000,000	18,000,000

BUDGET SUB-PROGRAMME SUMMARY

PROGRAMME 2: CROPS AND LIVESTOCK DEVELOPMENT

SUBPROGRAMME 2.1: Production and Productivity Improvement

1. Budget Sub-Programme Objectives

- To increase the productivity of priority commodities through the use of improved agricultural inputs.
- To ensure the multiplication of improved seed/planting material and breeding stock in the agricultural stations and other locations throughout the country.
- To improve seed quality assurance and certification in the seed industry.
- To promote the use of certified seed, fertilizers and improved breeding stock by farmers.
- To improve the production of livestock through the supply of improved breeding stock, disease control and surveillance
- To promote the utilization and production of veterinary vaccines locally
- To intensify food safety through effective public education
- To increase farmer and other value chain actors' participation in key decision-making processes

2. Budget Sub-Programme Description

The agricultural value chain actors require the use of improved technology to enhance productivity. Quality agricultural inputs such as certified seeds, fertilizers and improved livestock breeds are major determinants of high productivity in the agricultural sector. The high cost coupled with limited access to improved agro-inputs including seeds and fertilizers constrained farmers to low adoption of these inputs. The inadequate number of Agricultural Extension Agents is also a challenge to value chain development.

Under the sub-programme, farmers' access to improved inputs will be increased through the provision of subsidies to farmers and the enhanced capacity of certification agencies. The Government will improve extension service delivery through the provision of knowledge packages such as Information Education and Communication (IEC) materials on basic know-how to enhance the capacity of smallholder farmers; the use of e-Agriculture; recruiting more AEAs to improve on technical service provision and technology dissemination to farmers and building capacities of actors along the value chain.

The main operations under this sub-programme are as follows;

- Enhance farmers' access to agro-inputs (fertilizers, certified seeds, agro-chemicals)
- Enhance farmers' access to improved livestock breeding stocks, veterinary drugs, and vaccines.
- Enhance disease control and surveillance.
- Promote the production and use of quality feed.
- Promote cost-effective technology development and adaptation.
- Promote technology dissemination.
- Promote food safety through public education.
- Promote farmer and other chain actors' participation in key decision-making processes

The organizational units responsible for delivering this sub-programme are the Directorate of Crop Service (DCS), Plant Protection and Regulatory Service Directorate (PPRSD), Animal Production Directorate (APD), Grains and Legumes Development Board (GLDB), Veterinary Services Directorate (VSD), Women in Agricultural Directorate (WIAD) and Directorate of Agricultural Extension Services (DAES) with total staff strength of 2,444. The beneficiaries of this sub-programme are farmers and other stakeholders. The programme is funded mainly by GoG and Donor support. The donor supports are CIDA, WB, USAID, International Fund for Agricultural Development (IFAD), African Development Bank (AfDB), JICA, GIZ, CABI, AGRA, FAO.

The main challenges faced in the delivery of this sub-programme are high cost and access to agricultural inputs, limited infrastructure for processing and storage, limited sensitization on the use of certified seeds/planting materials, absence of a harmonized regulatory framework and access to cost-effective technologies.

3. Budget Sub-Programme Results Statement

The table below indicates the main outputs, its indicators and projections by which the Ministry measures the performance of this sub-programme. The past data indicates actual performance whilst the projections are the Ministry’s estimates of future performance.

Main Outputs	Output Indicator	Past Years				Projections			
			2021		2022	Budget Year 2023	Indicative Year 2024	Indicative Year 2025	Indicative Year 2026
		Target	Actual	Target	Actual				
Target Beneficiary farmers under “Planting for Food and Jobs” programme	Number of beneficiaries Farmers (million)	1.50	N/A	2.00	1.2	2.20	3.00	3.20	2.0
	Number of extension officers and veterinary personnel recruited	2,000	N/A	632	550	550	N/A	N/A	N/A
Enhanced farmers’ access to agricultural inputs (fertilizer & seed)	Quantities of Fertilizers (organic & inorganic) distributed (mt)	522,080	259,500	530,000	151,861	345,400	375,000	395,800	410,200
	Quantities of seeds distributed (mt)	46,498	31,797	38,000	19,293.3	38,000	38,000	38,000	38,000
	Quantities of veterinary vaccines procured (million)	11.60	3.80	4.50	0.30	5.50	6.50	7.00	7.00

Main Outputs	Output Indicator	Past Years				Projections			
			2021		2022	Budget Year 2023	Indicative Year 2024	Indicative Year 2025	Indicative Year 2026
		Target	Actual	Target	Actual				
	Quantities of veterinary vaccines Locally produced (million)	11.78	7.70	15.00	8.86	18.00	21.00	24.00	24.00
Promoting food safety through public health	Number of public education campaigns on food safety (animal health)	384	281	448	114	480	512	544	544
Enhanced COVID 19 testing	Number of samples tested	NA	107,588	215,176	6,897	322,761	403,451	463,969	463,969
Farmers reached with improved technologies	Number of farm & home visits	626,633	507,743	662,965	404,150	669,595	676,291	683,054	689,885
	Number of field demonstrations established	28,913	19,639	30,409	18,532	31,979	32,230	32,553	32,879
	Number of training organized for farmer groups and FBOs	4,203	3,278	4,413	5,376	4,634	4,865	5,108	5,363
Farmers reached with improved technologies	Number of AEA trainings on market-oriented approach	1,704	1,251	1,789	1,086	1,878	1,973	2,072	2,176
	Number of improved technologies disseminated	2,031	1,721	2,234	1,366	2,457	2,700	2,700	2,532
	Number of Climate Smart Agricultural practices disseminated	1,538	1,170	1,615	987	1,695	1,780	1,869	1,745

	Number of Farmers participating in RELC planning sessions	53,098	41,549	57,252	30,764	57,825	58,403	58,987	59,577
Agricultural Productivity Improved (PFJ):									
Maize	Output per hectare (Mt/Ha)	4.0	N/A	4.5	N/A	4.5	5.0	5.5	
Rice (paddy)		5.0	N/A	5.0	N/A	5.0	5.5	6.0	
Soyabean		2.0	N/A	2.0	N/A	2.0	2.5	3.0	
Sorghum		2.5	N/A	2.5	N/A	2.3	2.5	3.0	
Onion		44	N/A	44	N/A	45	48	50	
Tomato		12	N/A	12	N/A	14	15	20	
Pepper		50	N/A	50	N/A	55	60	65	
Agricultural Productivity Improved (National).									
Maize	Output Per Hectare (Mt/Ha)	2.59	N/A	2.72	N/A	2.83	2.87	2.97	3.98
Rice		3.31	N/A	3.39	N/A	3.49	3.52	3.64	4.78
Soyabean		1.69	N/A	1.72	N/A	1.72	1.75	1.77	2.45
Millet		1.91	N/A	2.13	N/A	2.35	2.52	2.71	3.67
Groundnut		1.79	N/A	1.86	N/A	1.89	1.97	2.07	2.65
Sorghum		1.96	N/A	2.18	N/A	2.39	2.59	2.76	3.47
Cowpea		1.57	N/A	1.62	N/A	1.63	1.68	1.71	2.43
Cassava		23.36	N/A	24.05	N/A	24.70	25.28	25.98	26.99
Yam		17.05	N/A	17.10	N/A	17.14	17.30	17.49	18.34
Cocoyam		10.04	N/A	11.04	N/A	12.25	13.44	14.08	15.12
Plantain		13.65	N/A	14.04	N/A	14.43	14.66	15.30	16.42
Increased Crop Production (National)									
Maize	Metric Tons (Mt)	3,452,689	N/A	3,804,715	N/A	4,156,741	4,508,768	4,860,794	5,165,476
Rice		1,058,757	N/A	1,138,921	N/A	1,219,084	1,299,248	1,379,412	1,424,332
Millet		250,144	N/A	269,678	N/A	289,212	308,747	328,281	353,661
Sorghum		393,602	N/A	423,734	N/A	453,866	483,998	514,130	539,283
Cassava		24,895,588	N/A	26,302,951	N/A	27,710,314	29,117,677	30,525,040	31,851,455
Yam		9,213,776	N/A	9,575,615	N/A	9,937,454	10,299,294	10,661,133	10,845,233
Cocoyam		2,122,306	N/A	2,302,648	N/A	2,482,991	2,663,333	2,843,675	2,953,544
Plantain		5,980,167	N/A	6,382,871	N/A	6,785,575	7,188,279	7,590,983	7,755,344
Groundnut		509,954	N/A	522,193	N/A	534,432	546,671	558,911	5,652,524
Cowpea		281,173	N/A	296,774.14	N/A	312,375	327,976	343,577	356,482
Soyabean		219,310	N/A	233,370	N/A	247,430	261,489	275,549	2,843,656

Enhanced production and utilization of certified seed	Number of registered private seed companies supplying certified seeds	280	452	350	292	400	450	500	550
Farmer access to inputs improved	Number of certified seeds by type produced	8	8	9	8	10	11	12	12
	Quantity of certified seeds produced(mt)	20,000	24,854	25,354	17,504	25,854	26,354	26,854	26,854
	Areas (ha) under certified seed cultivation	9,000	11,816	12,316	10,208	12,816	13,316	13,816	13,816
	Quantity of improved foundation seeds produced (mt)	830	632.50	700	694	896	946	996	1,046
	Quantity of breeder seeds produced (mt)	52.5	40.5	55	49.3	60	65	70	75
REARING FOR FOOD AND JOBS									
Number of improved livestock breeds supplied to farmers	Pigs	10,000	4,895	30,000	6,500	8,000	270,000	810,000	810,000
	Sheep & Goats	15,000	6,309	56,000	13,000	10,000	112,000	60,000	60,000
	Poultry (guinea fowl, broilers, layers and cockerels)	1,000,000	320,000	1,500,000	900,000	2,000,000	3,000,000	5,000,000	5,000,000

4. Budget Sub-Programme Operations and Projects

The table lists the main Operations and Projects to be undertaken by the sub-programme

Operations	Projects
Promotion and utilization of locally produced vaccines	Rehabilitation and refurbishment of veterinary laboratories
Knowledge dissemination measures and training of farmers on Antimicrobial Use and Resistance	Procurement of laboratory equipment, consumables and reagents
Promotion of seed and grazing reserves and storage facilities	Maintain 2 grazing reserves at Wawase and Amankwa in Afram Plains, Eastern Region
Knowledge dissemination measures and training of farmers in disaster preparedness methods	
Early warning systems for natural disasters(Promotion of mass vaccination of small ruminants towards the eradication of PPR and zero rabies by 2030, education and screening of beneficiary farming communities on COVID-19)	



2.8. Budget by Chart of Account

8 - Sub-Programme and Natural Account

Entity: 012 - Ministry of Food and Agriculture (MoFA)

Funding: All Source of Funding

Year: 2023 | Currency: Ghana Cedi (GHS)

Approved version

	2023	2024	2025	2026
01214001 - Productivity Improvement	561,413,510	561,413,510	561,413,510	561,413,510
21 - Compensation of Employees [GFS]	13,440,814	13,440,814	13,440,814	13,440,814
22 - Use of Goods and Services	522,213,536	522,213,536	522,213,536	522,213,536
31 - Non financial assets	25,759,160	25,759,160	25,759,160	25,759,160

BUDGET SUB-PROGRAMME SUMMARY

PROGRAMME 2: CROPS AND LIVESTOCK DEVELOPMENT

SUBPROGRAMME 2.2: Mechanisation, Irrigation and Water Management

1. Budget Sub-Programme Objectives

- To provide access to efficient mechanized services along the value chain
- To accelerate the development and management of irrigation schemes.
- To improve productivity through increased land intensification ratios on water management schemes.
- To reorganize farmlands into clusters to ease access to mechanization service delivery
- To promote mechanization service enterprises
- To promote farm and post-farm machinery manufacturing
- To promote demand-driven irrigation
- To promote the development of irrigation infrastructure

2. Budget Sub-Programme Description

Agricultural mechanization is essential for increased production and productivity. However, the spatial arrangement and fragmented nature of the farmlands are not conducive to mechanization service delivery. As part of a broad strategy to intensify the usage of mechanisation services, Government will support the re-organisation of farmlands into clusters to facilitate their access to agricultural machinery and thus create a thriving market for mechanization services. The government will also facilitate the establishment of Farm Service Centres which will provide services along the value chain (land preparation to post-harvest) as well as backup spare parts for all agricultural machinery and equipment, in line with the Ghana Agricultural Engineering Policy (GAEP). It is expected that about 1 million additional hectares will be put under mechanization through this process.

Agriculture in Ghana is predominantly rain-fed which contributes to low productivity in the crop subsector. This sub-programme seeks to expand access to irrigated agriculture. To ensure the sustainability and efficiency of irrigation schemes, farmer participation in scheme management (operation and maintenance) will be encouraged; expansion and improvement in irrigation infrastructure; facilitation of the setting and collection of irrigation service charges; sensitization, formation and capacity building of Water Users Association (WUAs) will be undertaken and strengthening of the irrigation value chain.

The government will also incentivize the private sector to invest in irrigation development through de-risking investment in irrigation; using innovative financing schemes such as taxation and insurance of bonds; using Public-Private-Partnership (PPP) arrangements, joint ventures; strengthening governance in the irrigation sector; and support effective linkages between actors in the irrigation value chain.

The sub-programme is implemented through the following key operations:

- Promoting Agricultural Mechanization; and
- Promoting Irrigation and Water Management.

The organizational units responsible for delivering this sub-programme are Ghana Irrigation Authority (GIDA) and Agricultural Engineering Services Directorate (AESD) and with a total staff strength of 222. The beneficiaries of this sub-programme are farmers and other stakeholders. The programme is funded mainly by GoG and Donor support. The donor supports are CIDA, WB, USAID, International Fund for Agricultural Development (IFAD), African Development Bank (AfDB), JICA, GIZ, CABI, AGRA, FAO, KOICA

The main challenges faced in the delivery of this sub-programme are high cost and access to agricultural inputs, high electricity tariff for irrigation farmers, encroachment on public irrigation schemes and absence of a harmonized regulatory framework.

3. Budget Sub-Programme Results Statement

The table below indicates the main outputs, its indicators and projections by which the Ministry measures the performance of this sub-programme. The past data indicates actual performance whilst the projections are the Ministry's estimates of future performance.

Main Outputs	Output Indicator	Past Years				Projections			
		2021		2022		Budget Year 2023	Indicative Year 2024	Indicative Year 2025	Indicative Year 2026
		Target	Actual	Target	Actual				
Irrigation schemes developed	Area developed under formal irrigation (ha)	14,934	16,908.85	17,283.85	16,908.85	21,283.85	31,283.85	41,283.85	41,483.85
Enhanced farmers' access to irrigation services	Percent of cultivated land under irrigation	3.21	3.19	3.20	3.20	3.25	3.39	3.54	3.54
Increased access to mechanization services	Number of individuals/enterprises supported to provide mechanization services	200	200	200	171	200	200	300	300
	Number of operators, mechanics and AMSEC Managers trained on the proper use of farm	500	350	300	150	300	300	300	300

	machinery and equipment								
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4. Budget Sub-Programme Operations and Projects

The table lists the main Operations and Projects to be undertaken by the sub-programme

Operations	Projects
Agricultural Facilities and Infrastructure	Rehabilitation of irrigation infrastructure
Promoting Agricultural Mechanization; Sensitization, capacity building and formation of WUAs	
Rehabilitation of irrigation infrastructure	



2.8. Budget by Chart of Account

8 - Sub-Programme and Natural Account

Entity: 012 - Ministry of Food and Agriculture (MoFA)

Funding: All Source of Funding

Year: 2023 | **Currency:** Ghana Cedi (GHS)

Approved version

	2023	2024	2025	2026
01214002 - Mechanization, irrigation and water manag	459,617,342	459,617,342	459,617,342	459,617,342
21 - Compensation of Employees [GFS]	9,317,342	9,317,342	9,317,342	9,317,342
22 - Use of Goods and Services	300,000	300,000	300,000	300,000
31 - Non financial assets	450,000,000	450,000,000	450,000,000	450,000,000

BUDGET SUB-PROGRAMME SUMMARY

PROGRAMME 2: CROPS AND LIVESTOCK DEVELOPMENT

SUBPROGRAMME 2.3: Postharvest Management and Marketing

1. Budget Sub-Programme Objectives

- To create awareness on food fortification and food-based nutrition interventions
- To reduce post-harvest losses and improve storage and distribution systems.
- To promote quality control, processing, packaging and marketing of agricultural produce.

2. Budget Sub-Programme Description

The government recognizes that reducing post-harvest losses is critical for the development and profitability of value chains and thereby promoting access to markets. To increase farmers' access to markets, the government must promote the aggregation of smallholder farmers into upgraded value chains. This will provide the value chain players access to the goods and services they need, including seed money subsidy in a commercially viable way. This enhanced system will reduce their cost of production and consequently increase their competitiveness and wealth. It is also important to develop feeder roads and other infrastructure specifically the geographic areas where value chain clusters are located to reduce transaction costs, post-harvest losses and drive private sector investment.

To foster the penetration of products into the market, this sub-programme will: create a national market information system to gather, analyse and disseminate relevant information for the agricultural sector; promote farmers' and community markets; promote SPS measures; quality foods and establish quality assurance certification process in food production, processing and distribution.

The sub-programme is implemented through the following key operations:

- Value Chain Development;
- Market Intervention Schemes; and
- Promotion of Quality Measures.

The organizational units responsible for delivering this sub-programme are the Women in Agricultural Development (WIAD), Agricultural Engineering Services Directorate (AESD), Plant Protection and Regulatory Services Directorate (PPRSD) and Directorate of Agricultural Extension Services (DAES) with a total staff number of 822. The beneficiaries of this sub-programme are farmers and other stakeholders along the value chain. The main sources of funding are GoG and Donor support. The donor supports are GAC, WB, USAID, International Fund for Agricultural Development (IFAD), African Development Bank (AfDB), JICA, GIZ, CABI, AGRA, FAO

The challenges faced in the delivery of this sub-programme are:

- Inadequate warehousing facilities.

- Low integration of commodity markets.
- Inadequate drying facilities.
- limited infrastructure for processing and storage
- Inaccessible feeder roads to the production centres.

3. Budget Sub-Programme Results Statement

The table indicates the main outputs, its indicators and projections by which the Ministry measures the performance of this sub-programme. The past data indicates actual performance while the projections are the Ministry's estimate of future performance.

Main Outputs	Output Indicator	Past Years				Projections			
		2021		2022		Budget Year 2023	Indicative Year 2024	Indicative Year 2025	Indicative Year 2026
		Target	Actual	Target	Actual				
Post-harvest losses reduced									
Increased national grain and input storage capacity	Number of functional storage warehouses in operational areas	57	50	107	65	137	150	170	170
Enhanced commodity grades and standards for quality assurance	Number of products that have SPS standards developed and disseminated	5	5	6		7	8	9	9

4. Budget Sub-Programme Operations and Projects

The table lists the main Operations to be undertaken by the sub-programme.

Operations	Projects
Agricultural Facilities and Infrastructure	Construction of warehouses and provision of drying facilities
Promote varieties that have a good shelf life	
Production and acquisition of improved planting materials	
Implementation of Food Fortification measures	
Promote measures to strengthen dietary diversity	



2.8. Budget by Chart of Account

8 - Sub-Programme and Natural Account

Entity: 012 - Ministry of Food and Agriculture (MoFA)

Funding: All Source of Funding

Year: 2023 | Currency: Ghana Cedi (GHS)

Approved version

	2023	2024	2025	2026
01214003 - Postharvest management and agricultural	58,540,000	58,540,000	58,540,000	58,540,000
31 - Non financial assets	58,540,000	58,540,000	58,540,000	58,540,000

BUDGET SUB-PROGRAMME SUMMARY

PROGRAMME 2: CROPS AND LIVESTOCK DEVELOPMENT

SUB-PROGRAMME 2.4: Nutrition-Sensitive Agriculture

1. Budget Sub-Programme Objective

To improve access and consumption of high-quality diet for all household members

2. Budget Sub-Programme Description

Ghana continues to make progress in improving the nutritional status of children. In recent times, Ghana has not suffered widely from food insecurity due to improved food production. The domestic production of selected staples continues to exceed national requirements. However, there is household food insecurity in some parts of the country. There is also high child malnutrition and prevalence of micro and macro nutritional deficiencies and an increased incidence of diet-related non-communicable diseases.

This sub-programme seeks to sustain and improve upon the gains made over the years about nutrition and address the associated challenges. Over the medium-term, this sub-programme aims at addressing the prevalence of hunger; weak nutrition-sensitive food production system; infant and adult malnutrition, inadequate public education and communication on nutrition.

The sub-programme is implemented through key operations as follows:

- Promotion of nutrition-rich foods
- Implementation of food fortification measures
- Promotion of measures to strengthen dietary diversity
- Enhancing the production and consumption of improved livestock breeds

The organizational units responsible for delivering this sub-programme are the Directorate of Crops Services (DCS), Plant Protection and Regulatory Services Directorate (PPRSD), Grains and Legumes Development Board (GLDB), Women in Agriculture Directorate (WIAD), Animal Production Directorate (APD), National Buffer Stock Company (NAFCO), Veterinary Services Directorate (VSD) with a total staff number of 2,403.

The beneficiaries of this sub-programme are farmers and other stakeholders along the value chain. The main sources of funding are GoG and Donor.

The donor supports are CIDA, WB, USAID, International Fund for Agricultural Development (IFAD), African Development Bank (AfDB), JICA, GIZ, CABI, AGRA, FAO

The challenges faced in the delivery of this sub-programme are:

- Weak collaboration among key stakeholders.
- Inadequate warehousing facilities.

3. Budget Sub-Programme Results Statement

The table below indicates the main outputs, its indicators and projections by which the Ministry measures the performance of this sub-programme. The past data indicates actual performance whilst the projections are the Ministry's estimate of future performance.

Main Outputs	Output Indicator	Past Years				Budget Year 2023	Projections		
		2021		2022			Indicative Year 2024	Indicative Year 2025	Indicative Year 2026
		Target	Actual	Target	Actual				
Increased awareness of nutrition sensitive agriculture	Number of recipes developed	-	-	-	10	10	15	15	15
	Number of recipe booklets printed and distributed	-	-	-	2000	2000	2000	2000	2000
	Number of training materials developed	-	-	-	5	5	5	5	5
	Number of collaborations in nutrition projects/programmes	-	-	-	2	2	3	3	3
	Number of programmes developed with collaborators	-	-	-	2	2	3	3	3
Capacity building for Regional staff, collaborators, women groups, UPA actors and agripreneurs	Number of assisted women groups, etc trained	-	-	-	20	20	25	25	25
	Number of trainings on agripreneurs (youth, MAG and other beneficiaries)	-	-	-	5	5	5	5	5
	Number of people who benefited from agripreneur trainings	-	-	-	100	100	100	100	100
	Number of UPA actors trained	-	-	-	5	5	5	5	5
	Trainings of fabricators/processors on process flow at processing sites	-	-	-	5	5	5	5	5
	Number of fabricators/processors trained	-	-	-	50	50	50	50	50

Main Outputs	Output Indicator	Past Years				Budget Year 2023	Projections		
		2021		2022			Indicative Year 2024	Indicative Year 2025	Indicative Year 2026
		Target	Actual	Target	Actual				
	Number of new products from women agripreneurs	-	-	-	5	5	5	5	5
Enhance monitoring and surveillance	Number of market surveillance(food handling)	-	-	-	3	3	3	3	3
	Regional and location specific monitoring	-	-	-	1	1	1	1	1
	Number of new technologies developed and adopted	-	-	-	1	1	1	1	1
	Surveillance at UPA and processing sites	-	-	-	4	4	4	4	4

4. Budget Sub-Programme Operations and Projects

The table below lists the main Operations to be undertaken by the sub-programme.

Operations	Projects
Implementation of food fortification measures	
Promotion of measures to strengthen dietary diversity	



2.8. Budget by Chart of Account

8 - Sub-Programme and Natural Account

Entity: 012 - Ministry of Food and Agriculture (MoFA)

Funding: All Source of Funding

Year: 2023 | Currency: Ghana Cedi (GHS)

Approved version

	2023	2024	2025	2026
01214004 - Nutrition sensitive agriculture	69,231,686	69,231,686	69,231,686	69,231,686
22 - Use of Goods and Services	69,231,686	69,231,686	69,231,686	69,231,686

BUDGET PROGRAMME SUMMARY

PROGRAMME 2: FOOD SECURITY AND EMERGENCY PREPAREDNESS

SUB-PROGRAMME 2.5: Early Warning Systems and Emergency Preparedness

1. Budget Sub-Programme Objective

To reduce risks associated with natural disasters and disease/pests' outbreaks and ensure the availability of adequate food stocks.

2. Budget Sub-Programme Description

Emergency preparedness describes the country's readiness to respond to the need of victims of natural hazards and other calamities such as floods, pest and disease outbreaks, climate change etc. This can be attained by building capacities to respond to such emergencies. This sub-programme aims at ensuring appropriate and efficient emergency preparedness and response in-country for agricultural commodity supply.

The sub-programme is implemented through the following key operations:

- Surveillance and prevention of pests and diseases.
- Collaborating with relevant agencies to identify early warning signs for natural disasters.
- Knowledge dissemination measures and training of farmers in disaster preparedness methods
- Promotion of seed and grazing reserves, and storage facilities.
- Emergency Response.
- Rapid response and control of pests and diseases.

The organizational units responsible for delivering this sub-programme are the Directorate of Crops Services (DCS), Plant Protection and Regulatory Services Directorate (PPRSD), Grains and Legumes Development Board (GLDB), National Food Buffer Stock Company (NAFCO), Veterinary Services Directorate (VSD) with a total staff number of 2,207.

The beneficiaries of this sub-programme are farmers and other stakeholders along the value chain. The main sources of funding are GoG and Donor. The donor supports are CIDA, WB, USAID, International Fund for Agricultural Development (IFAD), African Development Bank (AfDB), JICA, GIZ, CABI, AGRA, FAO

The challenges faced in the delivery of this sub-programme are:

- Weak collaboration among key stakeholders
- Inadequate logistics for all-year-round monitoring and early warning system Nonavailability of strategic stocks of agricultural inputs.

3. Budget Sub-Programme Results Statement

The table below indicates the main outputs, its indicators and projections by which the Ministry measures the performance of this sub-programme. The past data indicates actual performance whilst the projections are the Ministry's estimate of future performance.

Main Outputs	Output Indicator	Past Years				Projections			
		2021		2022		Budget Year 2023	Indicative Year 2024	Indicative Year 2025	Indicative Year 2026
		Target	Actual	Target	Actual				
Level of infestation of Fall Army Worm controlled	Area Recovered (Ha)	312,280	66,000	150,000	8,740	165,000	181,500	199,650	219,615
	Percent affected area recovered	100	100	100	100	100	100	100	100
Enhanced surveillance and prevention of plant pests and diseases	Number of trained staff available to respond to plant pest and diseases emergencies	680	560	600	594	650	650	700	800
Enhance disease surveillance and control	Number of surveillance carried out (animals)	216	101	228	329	240	252	266	266

4. Budget Sub-Programme Operations and Projects

The table below lists the main Operations and Projects to be undertaken by the subprogramme.

Operations	Projects
Surveillance and prevention of plant pests and diseases	
Surveillance and prevention of animal pests and diseases	
Promotion of seed and grazing reserves, and storage facilities	
Knowledge dissemination measures and training of farmers in disaster preparedness methods	



2.8. Budget by Chart of Account

8 - Sub-Programme and Natural Account

Entity: 012 - Ministry of Food and Agriculture (MoFA)

Funding: All Source of Funding

Year: 2023 | **Currency:** Ghana Cedi (GHS)

Approved version

	2023	2024	2025	2026
01214005 - Early warning systems and emergency prep	71,039,821	71,039,821	71,039,821	71,039,821
21 - Compensation of Employees [GFS]	53,039,821	53,039,821	53,039,821	53,039,821
22 - Use of Goods and Services	18,000,000	18,000,000	18,000,000	18,000,000

BUDGET PROGRAMME SUMMARY

PROGRAMME 3: AGRIBUSINESS DEVELOPMENT

1. Budget Programme Objectives

- To diversify agriculture into cash crops and livestock as a business.
- To add value to existing commodities and develop new products.
- To find a market for existing products and diversify new ones.
- To promote smallholder livestock business enterprises.

2. Budget Programme Description

Agriculture in Ghana is private sector-led. The public sector role is to create an enabling environment for the private sector to invest and grow in the sector. This Programme is mainly aimed at achieving this goal by facilitating access to appropriate agricultural finance; investing inadequate public infrastructure to leverage private sector investment in the sector and promoting agricultural trade.

This programme consists of two (2) Sub-programmes as follows:

- Promotion of Private Sector Investment in Agriculture;
- Agricultural Financing.

The organizational units responsible for delivering this programme are the Directorate of Crop Services, Policy Planning Monitoring and Evaluation Directorate (PPMED), Women in Agricultural Directorate (WIAD), Animal Production Directorate (APD), Plant Protection and Regulatory Directorate (PPRSD) and Veterinary Services Directorate with a total staff strength of 2,338.

The beneficiaries of this programme are the Ministry and other key stakeholders in the agricultural sector. The programme is funded mainly by GoG and Donor support. The donor supports are CIDA, WB and USAID.

BUDGET SUB-PROGRAMME SUMMARY

PROGRAMME 3: AGRIBUSINESS DEVELOPMENT

SUB-PROGRAMME 3.1 Promotion of Private Sector Investment in Agriculture

1. Budget Sub-Programme Objective

To improve private sector investment in agriculture

2. Budget Sub-Programme Description

The role of the private sector in agricultural development in Ghana cannot be overemphasized. The majority of investment in the sector is borne by the private sector. In order to take advantage of public sector investments and optimize returns, the private sector needs accurate and timely information. The sub programme facilitates coordination among private sector operators.

3. Budget Sub-Programme Results Statement

The table below indicates the main outputs, its indicators and projections by which the Ministry measures the performance of this sub-programme. The past data indicates actual performance whilst the projections are the Ministry's estimates of future performance.

Main Outputs	Output Indicator	Past Years				Projections			
		2021		2022		Budget Year 2023	Indicative Year 2024	Indicative Year 2025	Indicative Year 2026
		Target	Actual	Target	Actual				
Private sector investment in agriculture	Number of registered agribusinesses per annum (FDIs)	5	1	5	3	3	3	3	3
	Value of private sector investment in agribusiness (Million USD\$)	40.06	1.20	5.00	17.42	17.42	17.42	17.42	17.42
Develop strategic Business Investment Briefs	Number of investment briefs developed	2	3	3	2	3	3	3	3
	Number of priority commodities covered	2	1	2	2	2	2	2	2

4. Budget Sub-Programme Operations and Project

The table below lists the main Operations and Projects to be undertaken by the sub-programme.

Operations	Projects	
Provide agribusiness information and expertise to the private sector	Ghana Agribusiness Project	Competitiveness Advisory
Facilitate investment into the agricultural sector	Ghana Agribusiness Competitiveness Advisory Project, GCAP, GASIP	

BUDGET SUB-PROGRAMME SUMMARY

PROGRAMME 3: AGRIBUSINESS DEVELOPMENT

SUB-PROGRAMME 3.2: Promotion of Appropriate Agricultural Financing

1. Budget Sub-Programme Objective

To increase access to innovative and sustainable agricultural financing

2. Budget Sub-Programme Description

This sub-programme aims at ensuring increased and sustainable access to innovative financing by agribusinesses along commercially viable and competitive agricultural value chains. The focus of this sub-programme is to de-risk and eliminate bottlenecks regarding the financing of the agricultural sector using innovative instruments.

The sub-programme is implemented through three (3) key operations as follows:

- Agricultural Risk Sharing;
- Agricultural Finance and Credit Facilities; and
- Capital Market Instruments for Agriculture

3. Budget Sub-Programme Results Statement

The table below indicates the main outputs, its indicators and projections by which the Ministry measures the performance of this sub-programme. The past data indicates actual performance whilst the projections are the Ministry’s estimates of future performance.

Main Outputs	Output Indicator	Past Years				Projections			
		2021		2022		Budget Year 2023	Indicative Year 2024	Indicative Year 2025	Indicative Year 2026
		Target	Actual	Target	Actual				
Agricultural sector derisked	Number of beneficiary financial institutions signed onto the GIRSAL Agriculture Credit Guarantee Scheme	6	1	5	5	5	5	5	
	Value of Agriculture loans for which Credit Guarantee was issued to Financial Institutions (GHS million)	150	80	150	319.94	319.94	319.94	319.94	

Main Outputs	Output Indicator	Past Years				Projections			
		2021		2022		Budget Year 2023	Indicative Year 2024	Indicative Year 2025	Indicative Year 2026
		Target	Actual	Target	Actual				
	Value of Agriculture Credit Guarantee Provided to Financial Institutions by GIRSAL (GHS million)	75	39	75	149.48	149.48	149.48	149.48	149.48
Technical Support to Financial Institutions	Number of financial institutions who benefited from GIRSAL Agriculture and Agribusiness Training Program	27	14	20	26	27	27	27	27
Improve capacity of value chain actors in contracting and contract management	Number of actors trained	30	43	45	155	45	45	45	45

4. Budget Sub-Program Operations and Projects

The table below lists the main Operations to be undertaken by the sub-programme Operations and Projects

Operations	Projects
Agricultural Risk Sharing	GIRSAL
Agricultural Finance and Credit Facilities	OVCF, GASIP, GCAP,
Capital Market Instruments for Agriculture	
Promotion of specific market and production contracts	
Promoting warehouse receipts system	SAPIP, GGC, GCX

BUDGET PROGRAMME SUMMARY

PROGRAMME 4: SUSTAINABLE MANAGEMENT OF LAND AND ENVIRONMENT

1. Budget Programme Objective

- To promote land management for sustainable agriculture.
- To increase the resilience of agricultural production systems against global climate change.
- To promote sustainable use of water for agriculture production

2. Budget Programme Description

Agricultural activities including mechanization and the use of agrochemicals to enhance agricultural productivity have implications on the land and environment. This programme seeks to facilitate the implementation of Sustainable Land and Environmental Management (SLEM) practices in agriculture. This involves promoting SLEM technologies; creating awareness; and building institutional capacity.

This programme is delivered through the following sub-programmes:

- Conservation of Natural Resources/ Management of environment and natural resources; and
- Climate Change Resilience and Mitigation.

The programme is implemented through the following operations:

- Conservation Agriculture/ Sustainable Management of Land and Water
- Climate Change Resilience and Mitigation

The organizational unit responsible for delivering this programme is the Directorate of Crops Services with a total of 135 staff.

The beneficiaries of this programme are farmers and other key stakeholders in the agricultural sector. The programme is funded mainly by GoG and Donor (Global Affairs Canada, Food and Agriculture Organization, World Bank etc).

The main challenges in the delivery of this programme are:

- The weak policy environment for sustainable Land and Environmental Management (SLEM) at the community level;
- Low capacity at all levels for the implementation of SLEM policies;
- Low adoption of SLM technologies at the community level;
- Weak collaboration of relevant agencies to ensure SLEM mainstreaming;
- Weak technical capacity of staff on Climate Change Adaptation and Mitigation practices and
- Non-reporting of implementation of Climate Change activities in the field.

BUDGET SUB-PROGRAMME SUMMARY

PROGRAMME 4: SUSTAINABLE MANAGEMENT OF LAND AND ENVIRONMENT

SUB-PROGRAMME 4.1: Conservation of Natural Resources / Management of Environment and Natural Resources

1. Budget Sub-Programme Objectives

To promote sustainable management of the environment and natural resources.

2. Budget Sub-Programme Description

This sub-programme seeks to promote sustainable management of the environment, protect biodiversity and ensure sustainable management of natural resources through awareness creation and collaboration among relevant agencies to mainstream good environmental and natural resource management practices.

The sub-programme is implemented through the following operations:

- Sustainable Management of Land and Water
- Support sound environmental management of agriculture sector activities

The organizational unit responsible for delivering this programme is the Directorate of Crops Services with a total of 135 staff.

The beneficiaries of this programme are technical staff at all governance levels, farmers and other key stakeholders in the agricultural sector. The programme is funded mainly by GoG and Donor (Global Affairs Canada, Food and Agriculture Organization, World Bank etc).

3. Budget Sub-Programme Results Statement

The table below indicates the main outputs, its indicators and projections by which the Ministry measures the performance of this programme. The past data indicates actual performance whilst the projections are the Ministry's estimates of future performance.

Main Outputs	Output Indicator	Past Years				Projections			
		2021		2022		Budget Year 2023	Indicative Year 2024	Indicative Year 2025	Indicative Year 2026
		Target	Actual	Target	Actual				
Agriculture Policies and strategic documents reviewed for environmental compliance	number of agriculture policies and strategic documents reviewed	2	1	2	0	2	2	2	2
	number of								

Main Outputs	Output Indicator	Past Years				Projections			
		2021		2022		Budget Year 2023	Indicative Year 2024	Indicative Year 2025	Indicative Year 2026
		Target	Actual	Target	Actual				
Technical capacity at all levels built on Sustainable Land and Water Management (SLWM)	staff trained on SLWM	50	110	140	196	160	160	200	200
	Number of farmers trained on SLWM	250	825	2000	15025	2000	2500	10,000	10,000
Natural resources management (NRM) promoted	Number of NRM related demonstrations established	60	33	80	247	100	100	100	100
	Number of farmers supported to adopt SLWM technologies	1,000	825	250	15025	10,000	10,000	10,000	10,000
Environmental management regulations enhanced in agriculture establishments	Number of environmental compliance monitoring to medium to large scale agriculture establishments	4	4	4	2	4	4	4	2
Environmental management regulations enhanced in agriculture establishments	Number of private-sector agriculture environmental management plans reviewed	4	5	4	4	4	4	4	4
Institutional capacity for SLM at all levels	Number of pieces of training on environmental integration for climate change for staff	3	13	10	14	12	15	15	15

4. Budget Sub-Program Operations and Projects

The table below lists the main operations to be undertaken by the programme.

Operations	Projects
Sustainable Land and Water Management	No projects
Support sound environmental management of agriculture sector activities	

BUDGET SUB-PROGRAMME SUMMARY

PROGRAMME 4: SUSTAINABLE MANAGEMENT OF LAND AND ENVIRONMENT

SUB-PROGRAMME 4.2: Climate Change Resilience and Mitigation

1. Budget Sub-Programme Objectives

- To enhance institutional capacity to support climate-resilient agricultural development
- To increase the resilience of agricultural production systems against global climate change

2. Budget Sub-Programme Description

The effects of climate change resulting from rainfall and temperature variability are significantly devastating for actors in agricultural value chains, especially in the Savannah zones. This is because the majority of farmers are smallholders and rely mostly on rain-fed agriculture which is largely unreliable. Climate change has also introduced challenges such as pest and disease incidences which negatively affect production. This subprogramme, therefore, seeks to support the implementation of the Climate Smart Action Plan which supports farmers’ resilience to climate change through adaptation and mitigation.

The sub-programme is implemented through Climate Change Resilience and Mitigation action. The organizational unit responsible for delivering this programme is the Directorate of Crops Services with a total staff strength of 135.

The beneficiaries of this programme are farmers and other key stakeholders in the agricultural sector. The programme is funded mainly by GoG and Donor (Global Affairs Canada, Food and Agriculture Organization, World Bank etc).

3. Budget Sub-Programme Results Statement

The table below indicates the main outputs, its indicators and projections by which the Ministry measures the performance of this programme. The past data indicates actual performance whilst the projections are the Ministry’s estimates of future performance.

Main Outputs	Output Indicator	Past Years				Projections			
		2021		2022		Budget Year 2023	Indicative Year 2024	Indicative Year 2025	Indicative Year 2026
		Target	Actual	Target	Actual				
Human resource Capacity improved	Number of agriculture staff trained on climate change adaptation and mitigation	100	130	100	225	200	200	200	200

Main Outputs	Output Indicator	Past Years				Projections			
		2021		2022		Budget Year 2023	Indicative Year 2024	Indicative Year 2025	Indicative Year 2026
		Target	Actual	Target	Actual				
Institutional support system and mechanisms enhanced	Number of Ministerial Climate Change Task Force meetings	4	1	4	2	4	4	4	4
Risk reduction and transfer and alternative livelihoods promoted	Number of farmers adopting diversified cropping systems	100	825	100	15,025	10,000	10,000	10,000	10,000
	Number of Participatory Scenario Planning sessions undertaken	4	3	4	1	4	4	4	4
	Number of farmers introduced to alternative livelihoods	100	-	100	0	200	200	200	200

4. Budget Sub-Programme Operations and Projects

The table below lists the main operations to be undertaken by the sub-programme.

Operations	Projects
Human resource capacity improved	No Projects
Institutional support systems and mechanisms enhanced	No projects
Risk reduction and transfer and alternative livelihoods promoted	

In conclusion, the Ministry will continue to consolidate the gains of the PFJ campaign in 2023 with food security and value addition as a major imperative. Strategies will aim at building resilience through the promotion of new technologies and innovative practices and strong collaboration with the private sector actors and development partners. Critically the Ministry seeks to create a fertile environment for investment in the agricultural sector and harness the existing potential for the growth and development of Ghana's agricultural sector.



1.6. Appropriation Bill

Summary of Expenditure by Cost Center, Economic Item and Funding

Entity: 012 - Ministry of Food and Agriculture (MoFA)

Year: 2023 | Currency: Ghana Cedi (GHS)

Approved version

	GoG				IGF				Funds / Others			Donors			Grand Total
	Compensation of employees	Goods and Services	Capex	Total	Compensation of employees	Goods and Services	Capex	Total	Statutory	ABFA	Others	Goods and Services	Capex	Total	
012 - Ministry of Food and Agriculture (MoFA)	109,312,049	21,322,919	24,091,640	154,726,608		16,298,240	1,667,520	17,965,760		1,108,540,000		390,102,000	481,900,000	872,002,000	2,153,234,368
01201 - Finance and Administration Directorate	3,080,362	20,822,919	24,091,640	47,994,921		3,374,100		3,374,100		18,000,000		387,946,760	481,900,000	869,846,760	939,215,781
0120101 - Gen. Admin	2,655,033	20,822,919	24,091,640	47,569,592		3,374,100		3,374,100		18,000,000		387,464,136	481,900,000	869,364,136	938,307,828
0120101001 - Office of the Minister		7,240,519		7,240,519								8,205,102		8,205,102	15,445,621
0120101002 - Office of the Chief Director		13,582,400	24,091,640	37,674,040		3,374,100		3,374,100		18,000,000		379,259,034	481,900,000	861,159,034	920,207,174
0120101003 - Veterinary Services Dept. Disease Investigation Farm-Savelugu	2,655,033			2,655,033											2,655,033
0120102 - Finance Administration Head Office	425,329			425,329								482,623		482,623	907,952
0120102001 - Finance Division												482,623		482,623	482,623
0120102002 - Internal Audit	425,329			425,329											425,329
01203 - Human Resource Development Management	5,832,196			5,832,196		8,160,117		8,160,117							13,992,314
0120301 - Training and Human Resource Dev. Unit	711,966			711,966		8,160,117		8,160,117							8,872,083
0120301001 - Training and Human Resource Dev. Office	711,966			711,966		8,160,117		8,160,117							8,872,083
0120302 - Kwadaso Agricultural College	1,067,539			1,067,539											1,067,539
0120302001 - Kwadaso Agricultural College Office	1,067,539			1,067,539											1,067,539
0120303 - Ohawu Agric College	821,864			821,864											821,864
0120303001 - Ohawu Agric College Office	821,864			821,864											821,864
0120304 - Damango Agricultural College	695,463			695,463											695,463
0120304001 - Damango Agricultural College Office	695,463			695,463											695,463
0120305 - Ejura Agricultural College	892,835			892,835											892,835
0120305001 - Ejura Agricultural College Office	892,835			892,835											892,835
0120306 - Animal Health and Production College	837,808			837,808											837,808
0120306001 - Animal Health and Production College Office	837,808			837,808											837,808
0120307 - Wenchi Farm Institute	804,722			804,722											804,722
0120307001 - Wenchi Farm Institute Office	804,722			804,722											804,722
01204 - Statistics Research and Information Dept	1,443,251			1,443,251											1,443,251
0120401 - Statistics Research and Information	1,443,251			1,443,251											1,443,251
0120401001 - Statistics Research and Information Office	1,443,251			1,443,251											1,443,251



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	GoG				IGF				Funds / Others			Donors			Grand Total
	Compensation of employees	Goods and Services	Capex	Total	Compensation of employees	Goods and Services	Capex	Total	Statutory	ABFA	Others	Goods and Services	Capex	Total	
01205 - Crop Services Directorate	4,031,411			4,031,411						513,000,000					517,031,411
0120501 - Crop Services	2,048,989			2,048,989						513,000,000					515,048,989
0120501001 - Crop Services Office	2,048,989			2,048,989						513,000,000					515,048,989
0120502 - Asuansi Agric Research Station	557,859			557,859											557,859
0120502001 - Asuansi Agric Research Station Office	557,859			557,859											557,859
0120503 - Mampong Agric Research Station	357,626			357,626											357,626
0120503001 - Mampong Agric Research Station Office	357,626			357,626											357,626
0120504 - Wenchi Agric Research Station	334,610			334,610											334,610
0120504001 - Wenchi Agric Research Station Office	334,610			334,610											334,610
0120505 - Babile Agric Research Station	343,645			343,645											343,645
0120505001 - Babile Agric Research Station Office	343,645			343,645											343,645
0120506 - Kpeve Agricultural Research Station	388,683			388,683											388,683
0120506001 - Kpeve Agricultural Research Station Office	388,683			388,683											388,683
01206 - Directorate of Agric. Extension Services	1,285,093			1,285,093								325,413		325,413	1,610,506
0120601 - Agric Extension Head Office	1,285,093			1,285,093								325,413		325,413	1,610,506
0120601001 - Agric Extension Head Office	1,285,093			1,285,093								325,413		325,413	1,610,506
01207 - Plant Protection & Regulatory Services (PPRS)	17,587,068			17,587,068		1,556,880	1,037,920	2,594,800							20,181,867
0120701 - Plant Protection & Regulatory Services Head Office	17,587,068			17,587,068		1,556,880	1,037,920	2,594,800							20,181,867
0120701001 - Plant Protection & Regulatory Services Head Office	17,587,068			17,587,068		1,556,880	1,037,920	2,594,800							20,181,867
01208 - Animal Production Directorate	4,293,183			4,293,183		688,743		688,743		69,000,000					73,981,926
0120801 - Gen. Admin	1,086,533			1,086,533		388,743		388,743		69,000,000					70,475,276
0120801001 - Admin Office	1,086,533			1,086,533		388,743		388,743		69,000,000					70,475,276
0120802 - Nungua Livestock Breeding Station	726,244			726,244		50,000		50,000							776,244
0120802001 - Nungua Livestock Breeding Station Office	726,244			726,244		50,000		50,000							776,244
0120803 - Amrahia Dairy Farm	646,328			646,328		45,000		45,000							691,328
0120803001 - Amrahia Dairy Farm Office	646,328			646,328		45,000		45,000							691,328
0120804 - Ejura Sheep Breeding Station	528,585			528,585		40,000		40,000							568,585



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	GoG				IGF				Funds / Others			Donors			Grand Total
	Compensation of employees	Goods and Services	Capex	Total	Compensation of employees	Goods and Services	Capex	Total	Statutory	ABFA	Others	Goods and Services	Capex	Total	
0120804001 - Ejura Sheep Breeding Station	528,585			528,585		40,000		40,000							568,585
0120805 - Kintampo Goat Breeding Station	556,020			556,020		40,000		40,000							596,020
0120805001 - Kintampo Goat Breeding Station Office	556,020			556,020		40,000		40,000							596,020
0120806 - Pong Tamale Livestock Breeding Station	545,259			545,259		45,000		45,000							590,259
0120806001 - Pong Tamale Livestock Breeding Station Office	545,259			545,259		45,000		45,000							590,259
0120807 - Babile Piggrey Station	204,214			204,214		40,000		40,000							244,214
0120807001 - Babile Piggrey Station Office	204,214			204,214		40,000		40,000							244,214
0120808 - Nkwanta Livestock Station						40,000		40,000							40,000
0120808001 - Nkwanta Livestock Station Office						40,000		40,000							40,000
01209 - Women in Agric. Development Department (WIAD)	693,065			693,065								231,686		231,686	924,752
0120901 - Gen. Admin	693,065			693,065								231,686		231,686	924,752
0120901001 - Admin Office	693,065			693,065								231,686		231,686	924,752
01210 - Agric. Engineering Services Dept.	1,341,952			1,341,952							58,540,000				59,881,952
0121001 - Gen. Admin	1,341,952			1,341,952							58,540,000				59,881,952
0121001001 - Admin Office	1,341,952			1,341,952							58,540,000				59,881,952
01211 - Veterinary Services Dept. (Central Administration)	51,754,729			51,754,729	2,304,560	576,140	2,880,700								54,635,429
0121101 - Gen. Admin	51,754,729			51,754,729	2,304,560	576,140	2,880,700								54,635,429
0121101001 - Admin Office	51,754,729			51,754,729	2,304,560	576,140	2,880,700								54,635,429
01222 - Policy Planning and Budget Directorate	2,229,771	500,000		2,729,771											2,729,771
0122201 - Policy Planning and Budget Head Office	2,229,771	500,000		2,729,771											2,729,771
0122201001 - Policy Planning and Budget Office	2,229,771	500,000		2,729,771											2,729,771
01223 - Monitoring and Evaluation Directorate												1,598,141		1,598,141	1,598,141
0122301 - Monitoring and Evaluation Head Office												1,598,141		1,598,141	1,598,141
0122301001 - Monitoring and Evaluation Office												1,598,141		1,598,141	1,598,141
01232 - NORRIP	168,225			168,225											168,225
0123201 - Gen. Admin	168,225			168,225											168,225
0123201001 - Admin Office	168,225			168,225											168,225



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	GoG				IGF				Funds / Others			Donors			Grand Total
	Compensation of employees	Goods and Services	Capex	Total	Compensation of employees	Goods and Services	Capex	Total	Statutory	ABFA	Others	Goods and Services	Capex	Total	
01250 - Ghana Irrigation Development Authority	6,897,017			6,897,017						450,000,000					456,897,017
0125001 - Headquarters	6,897,017			6,897,017						450,000,000					456,897,017
0125001001 - GIDA Office	6,897,017			6,897,017						450,000,000					456,897,017
01251 - Irrigation Company of Upper Region	1,078,372			1,078,372											1,078,372
0125101 - Gen. Admin	1,078,372			1,078,372											1,078,372
0125101001 - Admin Office	1,078,372			1,078,372											1,078,372
01252 - Grains and Legumes Dev. Board	5,167,200			5,167,200		213,840	53,460	267,300							5,434,500
0125201 - Gen. Admin	5,167,200			5,167,200		213,840	53,460	267,300							5,434,500
0125201001 - Admin Office	5,167,200			5,167,200		213,840	53,460	267,300							5,434,500
01255 - Ghana Permanent Representative in Rome	2,429,153			2,429,153											2,429,153
0125501 - Gen. Admin	2,429,153			2,429,153											2,429,153
0125501001 - Admin Office	2,429,153			2,429,153											2,429,153



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