

DEPARTMENT OF FOOD & AGRIC

Presentation by
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TARKWA-NSUEAM

OUTLINE

- ▶ INTRODUCTION
- ▶ FUNCTION OF DEPARTMENT OF FOOD & AGRICULTURE
- ▶ MADATE OF DOFA
- ▶ MAIN ACTIVITIES IMPLEMENTED OVER THE PERIOD
- ▶ KEY ACHIEVEMENTS (REASONS FOR ACHIEVEMENT OR SUCCESS)
- ▶ SUCCESS STORY
- ▶ KEY CHALLENGES AND HOW THEY WERE RESOLVED
- ▶ RECOMMENDATIONS

INTRODUCTION

- ❑ LAND SIZE : 97,826sq. Km
- ❑ ZONAL/URBAN COUNCILS : 6
- % AGRICULTURE in POP EST (2017) : 31.5
- %MALE : 50.8
- %FEMALE : 49.2
- MALE POPULATION IN AGRIC reg. : 19,437
- FEMALE POPULATION IN AGRIC reg. 18,232
- TOTAL ARABLE LAND FOR CULTVATION : 391.30sq.km
- ❑ Urbanization in TNMA is alarming, hence the to promote urban farming on cemented floor through the use of sacks, buckets, plastic bags and **aeroponics**.

INTRODUCTION- conti

- **NO. OF OPERATIONAL AREAS IN THE MUNICIPALITY**

► The Tarkwa-Nsueam Municipal

Assembly has Twelve (12) operational areas namely:

Adeyie,

Agona Wassa,

Tamso

Banso,

Bonsa,

New Site

Benso,

Simpa,

Tarkwa

Esuaso,

Nsueam,

Nsuta

INTRODUCTION

STAFF STRENGTH

STAFF SITUATION

CATEGORY	MALE	FEMALE	TOTAL
MDA	1	0	1
MAOs	4	1	5
AEAs	4	1	5
VETs	3	2	5
*NABCO	7	3	10
NSP	1	2	3
SECRETARY	0	1	1
ACCOUNTANT	1		1
LABOURER	2	0	2
WATCHMAN	1		1
TOTAL	24	10	34

The Department of Agriculture has a total staff population of Thirty-Four, **34 (M-24/F-10)**

Out of the total number of staff, **Five (5)** are AEAs in charge of the **Twelve (12)** Operational Areas

***Ten(10)** are NABCO Personnel in charge of PERD Program and the monitoring of the sales of fertilizer under the PFJ Program at various sales

INTRODUCTION-Conti

- **AGRICULTURAL PRODUCE**

- ▶ The commodities mostly grown and raised in the Municipality include but not limited to the following:
- ▶ **Vegetables** (Green Pepper, Cucumber, Cabbage, Carrots, lettuce, Okro etc.),
- ▶ **Food crops** (Maize, Cassava, Plantain, Cocoyam, yam etc.),
- ▶ **Tree crops** (Oil palm, Cocoa, and Coconut),
- ▶ **Livestock** (Small ruminants and Pigs), **Poultry**, and **Rabbits**,
- ▶ **Fish farming** (Catfish)



FUNCTIONS OF DOFA

- ▶ Ensure food security;
- ▶ Facilitate the production of agricultural raw materials for industry;
- ▶ Facilitate the production of agricultural commodities in the TNMA
- ▶ Facilitate effective and efficient input supply and distribution systems;
- ▶ Facilitate effective and efficient output processing and marketing system; and
- ▶ Co-ordinate the implementation of policies and programs for the food and agricultural sector

MAIN ACTIVITIES IMPLEMENTED IN 2021

S NO.	ACTIVITY DESCRIPTION	TARGET	STATUS OF IMPLEMENTATION
1.	Organized Municipal RELC Planning Session for Agricultural Stakeholders (Farmers, Processors, Marketers, Bankers)	1	Completed
2.	Organized training on Good Animal Husbandry Practices (Ecto and Endo parasites control, routine vaccine and medication regime, good feed and feeding practices etc.) in poultry and small ruminants' production	1	completed
3.	Organized training for Farmers on Disease recognition and bio-security (Use of foot bath, regular disinfection and sanitation of farms)	1	completed

MAIN ACTIVITIES IMPLEMENTED OVER THE 2021 PERIOD- CONT'D

S NO .	ACTIVITY DESCRIPTION	TARGET	STATUS OF IMPLEMENTATION
5.	Organized training Workshop on backyard /Urban gardening & Catfish farming in Tarpaulin Tank	1	completed
7.	Organized Zonal RELC planning session in 3 selected Communities (Pataho, Banso, and Adeyie)	3	completed

Home & Farm visits within the period

Year	NO. of AEAs	Vet AEAs	NO. of Visits
2019	7	5	3,387
2020	7	5	3,575
2021	7	5	3,713

KEY ACHIEVEMENTS (reasons for achievement and success)

ACHIEVEMENTS AND SUCCESS

350 Farmers have inculcate attitude of paring plantain suckers before planting. They also produced and distributed to farmers through the Rapid Plantain Sucker Multiplication Technique.

REASONS FOR ACHIEVEMENT AND SUCCESS

- This was made possible, because this technology allows for the production of many, uniform, healthy suckers and also hastens the growth of suckers or plantlets



KEY ACHIEVEMENTS (reasons for achievement and success)

ACHIEVEMENTS AND SUCCESS

The department nursed and distributed 50,000 Oil palm and 10,000 Coconut seedlings to farmers in year 2021 under the government flagship programme (Planting for Export and Rural Development - PERD)

The department has started developing the nursery ground to nurse 50,000 Oil palm and 10,000 Coconut seedlings for distribution to farmers in 2022 under the Planting for Export and Rural Development (PERD) programme

REASONS FOR ACHIEVEMENT AND SUCCESS

- The programme succeeded because -
- the staff were specially detailed to the nursery site to ensure regular monitoring
 - There was continuous watering, weed and pest control which supported the production of healthy seedlings
 - The AEAs and other staff were committed to ensuring that field work was done for distribution and planting on time.
 - AEAs and other staff are still committed to ensuring that field work is done well and on time



PLANTING FOR EXPORT AND RURAL DEVELOPMENT(PERD)

REGISTERED BENEFICIARY FARMERS' FOR PERD 2019-2021

CROP	M	F	TOTAL	AREA (AC)	QTY OF SEEDLING
COCOA	753	64	325	1175.5	1,517,220
OIL PALM	534	8	42	172	81,320
COCONUT	17	4	21	108	21,000

Oil Palm distribution to farmers



KEY ACHIEVEMENTS (reasons for achievement and success)

ACHIEVEMENTS AND SUCCESS	REASONS FOR ACHIEVEMENT AND SUCCESS
The department received 570 bags of maize in 2020 under the PFJ programme. A total number of 1,282 farmers ,789 males and 493 females benefitted . The department also received 590 bags of maize in 2021.A total number of 1290. farmers,870 females and 380 males benefitted.	Most farmers patronized inputs because of the subsidy
Under the Cockerel project a total of 500 cockerels were distributed to 55 farmers (M-37/ F-18) in 2020. 200 piglets were distributed to 45 farmers including 8female females	Farmers also patronized the cockerels because they were heavily subsidized while the pig were done in credit-in-kind

Nursery Platform for PFJ vegetables



		Qty received by MMDA	Name of input Supply Company	Qty distributed to farmers (bag)	Balance in stock (bag)	No. of beneficiary farmers		
						Total	M	F
	Animals							
1	COCKEREL	500	APD	500	0	50	35	15
2	PIGS	200	APD	200	0	45	37	8

Cockerel and Piglets distributed to farmers



KEY PLAYER IN OUR ACHIEVEMENTS & SUCCESS



- ▶ The Department's achievements and success chalked over the 2020 & 2021 year period could not have been possible without the immense financial and motivational support from the Honourable Municipal Chief Executive.
- ▶ He facilitated quick release of MAG Funds and supported fully the PERD Programme from the Assembly fund
- ▶ Regularly projecting the Department's activities at Heads of Department's meeting and General Assembly meetings, Staff Durbars and Radio talk shows
- ▶ His immense contribution during Municipal Farmers' Day has resulted in Successful farmers celebration in his turner at the office.

Animal Health Achievement

Type of Vaccination	Dosage in 2019	2020	2021	2022	Remarks
ANTI-RABIES	150	170	175	27*	Animal Vaccinated were Dogs, Cat and Monkeys
GUMBORO	7,125	7,504	8,240	2060*	Treatment given to Poultry birds(1 dose is expected to cover 10birds)
PPR	160	240	370	40*	Vaccination is done for Ovine and caprine
HB1	3,920	5,820	4,590	980*	The vaccination is done for Poultry birds

Domestic livestock Population in TNMA

Livestock	2018	2019	2020	2021
Cattle	210	221	980	10454
Sheep	1100	1435	7770	64742
Goat	25,000	38,100	78,500	148,010
Pig	2000	2700	14,400	38,020
Poultry(exotic)	48000	85500	252,000	1 477 500

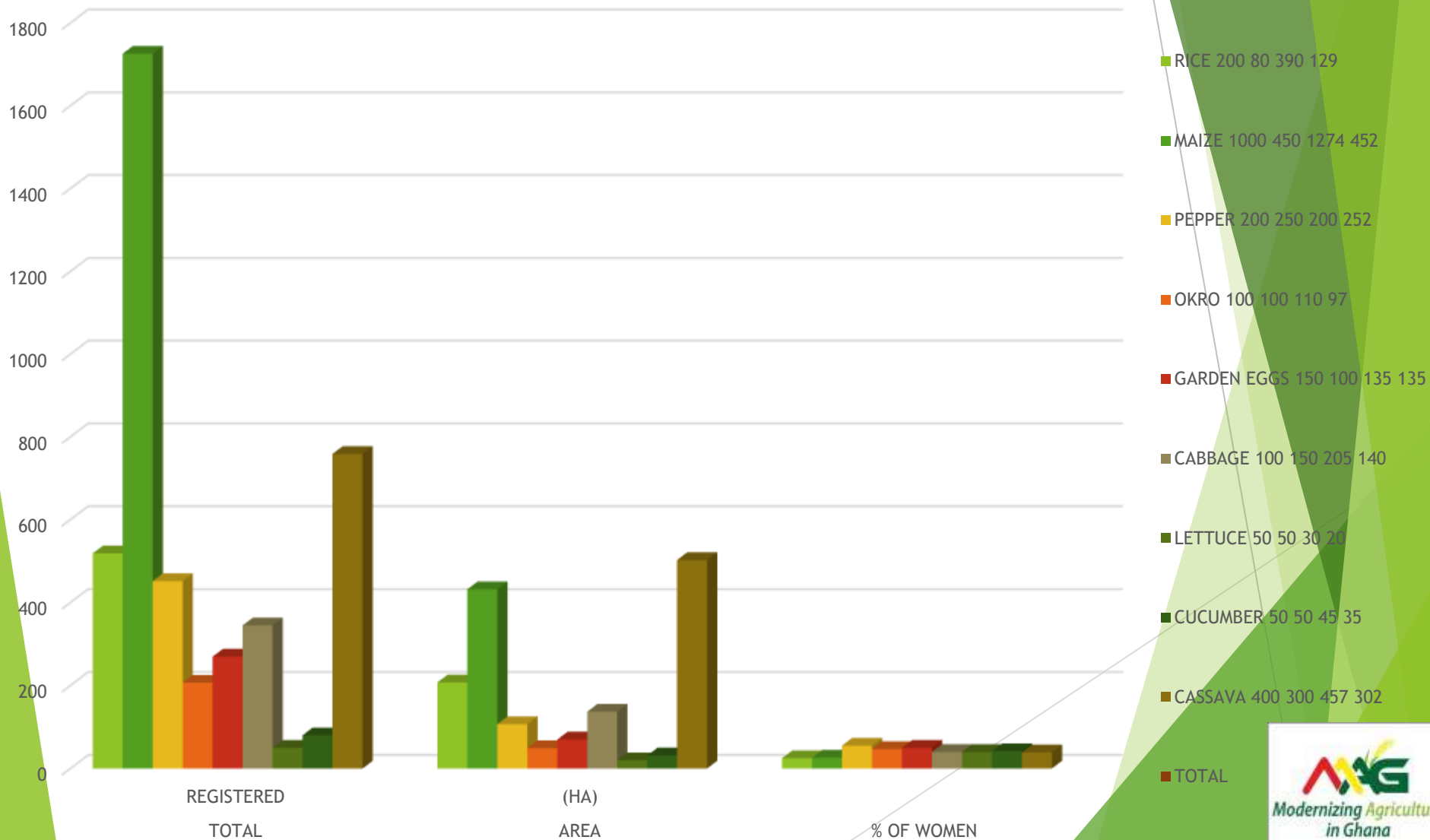
COVERING RICE FARMERS AT TEBEREBIE



PLANTING FOR FOOD AND JOBS (PFJ) FARMER REGISTRATION UPDATED- 2021

INPUT	TARGETED		REGISTERED		TOTAL REGISTERED	AREA (HA)	% OF WOMEN
	M	F	M	F			
RICE	200	80	390	129	519	207.6	25
MAIZE	1000	450	1274	452	1,726	432.4	26
PEPPER	200	250	200	252	452	107	55
OKRO	100	100	110	97	207	49	47
GARDEN EGGS	150	100	135	135	270	70	50
CABBAGE	100	150	205	140	345	137	40
LETTUCE	50	50	30	20	50	20	40
CUCUMBER	50	50	45	35	80	31.5	42
CASSAVA	400	300	457	302	759	503	39
TOTAL	2250	1530	2856	1552	4408	574	

Graph of Registered Farmers, Area covered and %age Women



Input distributed to Farmers

Type of Seed	Unit	Quantity			% distribution	No of beneficiaries		
		Received	Distributed	Balance		Male	Female	Total
Maize (OPV)		2,501(45Kg)	2,501	0	100%	538	170	708
Maize (Hybrid)	45kg	25(45kg)	25	0	100	75	15	90
Rice	40kg	340(40kg)	340	0	100%	476	252	728
Tomato	30g	25	20	5	80	7	7	14
Onion	30g	30	27	3	90	13	4	17
Chilli pepper	30g	15	15	0	100	3	7	10
Cabbage	30g	10	10		100	5	5	10
Lettuce	30g	22	20	2	90	13	10	23
Cucumber	30g	29	20	9	68	10	5	15

INPUTS RECEIVED



INPUT DISTRIBUTION

FERTILIZER

TYPE OF FERTILIZER	QUANTITY OF SEED			NO. OF BENEFICIARIES		
	RECIEVED	DISTRIBUTED	BALANCE	M	F	TOTAL
NPK	3209	3209	0	1305	490	1795
UREA	1861	1861	0	532	220	752
Liquid Fertilizer	1236	1236	0	154	68	222
TOTAL				1991	778	2769

Loading and Off loading of PFJ fertilizer



Modernizing Agriculture
in Ghana

[illegible]

Fall Armyworm inside the whorl of plant





Infested farm before spraying



Infested farm recovering after spraying

YIELD OF MAJOR FOOD CROPS

Commodity	Area Cultivated				Yield/ Mt				Production Mt			
	2018	2019	2020	2021	2019	2019	2020	2021	2018	2019	2020	2021
Maize	2,991	2,997	3,504	3,554	2.5	2.55	2.8	3.1	7,478	7,642.40	7,810	10,662
Rice	2,898	2,904	3,205	3,307	2.9	3	3.2	3.5	8,404	8712	9,616	11,574.50
Cassava	3,975	3,980	4,401	4,497	14.5	14.65	14.9	15	57637.5	58,234	65,575	67,455
Yam	193	193	200	200	8.3	8.35	8.4	8.35	1,601	1,611.50	1,680	1670
Cocoyam	495	495	550	570	7.7	7.7	8	8.1	38,115	3,812	4,400	4,617
Plantain	1,899	1,901	2,157	2,354	10	10.05	10.1	10.2	18,895	21.006	21,786	24,010.80
	12,451	12,470	14,017	14,482					132,131	80,032.91	110,867	119,989



SUCCESS STORY - the end product of Plantain sucker, rice husk and maize stuck



Mrs. Joana Yeboah is a Publisher with Engineers and Planners . She saw that the aftermath of wind blow on devastation Plantain plantation she then decide to use the plantain sucker for something else that was how the paper s

SUCCESS STORY - Linkage of catfish and Pork farmers to Pub joints



Mr. Joel Antanah has adopted the tarpaulin catfish farming style which he learnt from the TNMA Department of Agriculture. He started with six hundred fingerlings which are now matured and sold.

► SOLAR POWER RESTORATION



STEP BY STEP GUIDE

- ▶ Situational analysis – to identify problems militating agricultural production and development
- ▶ Carry out a stakeholders analysis to identify roles and responsibilities of each
- ▶ Develop one objective to address of the issues
- ▶ Prepare a plan of activities to achieve the chosen objective
- ▶ Develop indicators for assessing implementation of work plan
- ▶ Cost the plan, including monitoring of plan implementation

Access to Agriculture Technology and Extension Services

Indicator		Target	2020	2021
1. Number of improved Technology demonstrated to farmers:	Livestock	5	4	7
	Fisheries	2	2	4
	Crop	15	15	17
	Others	3	1	1
1. Extension Agent-farmer ratio		1:700	1:1438	1:1438
1. Total number of farmers participating in demonstrations	Male	2,000	2,519	2,550
	Female	1,000	567	1,073
1. Number of FBOs trained in extension services delivery		12	4	9

CHALLENGES

- ▶ Number of Suppliers are inadequate to meet demand for sale of Agriculture commodity
- ▶ Inadequate ware house for food storage
- ▶ Inadequate farm equipment's to enhance land development and to increase production
- ▶ Farm Hands and Labour for farming work is had to come-by

RESOLUTION TO THE CHALLENGES

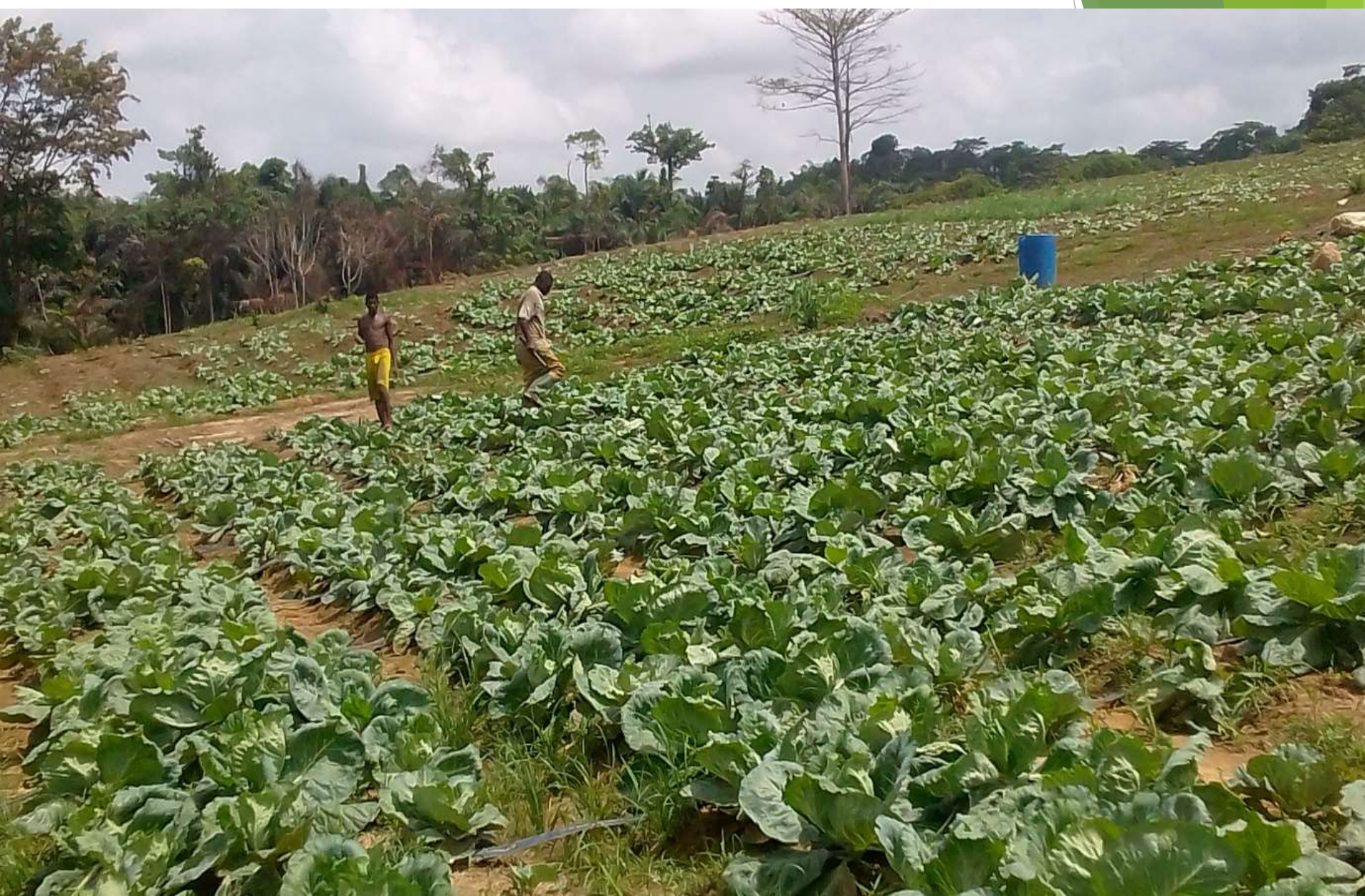
- ▶ Input dealers, Suppliers and other stakeholders have been met to discuss how to coopt youth in farming
- ▶ DOA have liaise with National Department of Agriculture Engineering on how warehouse and farming equipment to established in the Municipality
- ▶ Policy has to be formulated to inspire Farm Hands and other farm field worker to inculcate interest in farming work



Netted Rice Field



Vegetable at Teberebie



Visit By Regional Agric Director and his team on TNMA Coconut (PERD) nursery



Vegetable Farmers at Boamah



Local Hen cop



Discussion and Aquatinting with the farmers



Group Picture with farmers after open forum dicussion



Eusaso Chief applying Fertilizer in his rice field



The use of Equipment to enhance farming



2021 Municipal Best Farmers



THANK YOU

