

2012 AGRIC PERFORMANCE REPORT

The 2012 Agric programme started earlier with the on-set of the rains. All the twenty/20 stations, except salaga, performed creditably. Salaga had management as well as marketing problems. Table 1 shows the summary of targets set and targets achieved for 2011 and 2012 production period for the various crops as well as the proposed targets for 2013:

Table 1:

S/NO	CROP TYPE	2011		2012		2013
		TARGET SET (ACREAGE)	TARGET ACHIEVED (ACREAGE)	TARGET SET (ACREAGE)	TARGET ACHIEVED (ACREAGE)	TARGET SET (ACREAGE)
1	Cereals(Maize, Rice and Sorghum)	431	425	446.5	399.5	461
2	Legumes(Groundnut and Cowpea)	46	49	46	36	30
3	Plantation(Oil Palm, Cocoa, Cashew Mango and Moringa)	530	536.3	559.3	504.3	565
4	Root and Tuber (Yam and Cassava)	65	34.4	44	54.3	52
5	Vegetables (Pepper, Okra, Tomatoes and Garden egg)	55	65.5	92.5	60	74
6	Woodlot (Teak and Acacia)	17	29	29	29	29
TOTAL		1,444	1,139.3	1,217.3	1,083.1	1,211

Table 2:

S/NO	LIVESTOCK	2011		2012		2013
		TARGET SET	TARGET ACHIEVED	TARGET SET	TARGET ACHIEVED	TARGET SET
1	Sheep	136	138	251	224	265
2	Cattle	31	33	36	30	36
3	Pigs	439	449	489	406	510
4	Rabbits	111	115	156	206	236
5	Goats	23	23	33	33	40
6	Grasscutter	127	117	202	90	130
7	Poultry	500	500	400	301	1,500

For year 2011, the Agric Unit set out to cultivate 1,444 acres with various crops and achieved a total acreage of 1,139.3. The shortfall was mainly due to lower acreages achieved in cereals, roots and tubers. With livestock, for 2011, the targets set for the various livestock have been spelt out in table 2. The targets for sheep, cattle, pigs, rabbits, goats and poultry were achieved with some exceeding the targets. The target for grasscutters was not achieved. This was due to high incidence of mortality.

In 2012, the Unit set out to cultivate a total of 1,217.3 acres with various crops as indicated in table 1. However, the Unit achieved a total of 1,083.1 acres. The shortfall arose from the fact that the targets set for the cereals, legumes and Plantation crops could not be achieved. Kenyasi set a target of 100 acres for

maize, but ended up cultivating only 50 acres. This was due to difficulties in transferring inmates from Sunyani Central Prison to Kenyasi.

The same accounted for the shortfall in legume production at Forifori Camp Prison. The shortfall in the plantation crops was due to the inability of Ahinsan Camp Prison to transplant the Oil palm seedlings since the seedlings were too young for transplanting.

For 2012, the livestock targets for sheep, cattle, pigs and grasscutter were not achieved. Sheep production at Awutu suffered heavy mortality due to old age of ewes and pneumonia. This resulted in the in-ability to achieve the set targets. With cattle, there was mortality of calves due to the excessive rains experienced during the calving period of the cows. The target for pigs was not achieved due to poor feeding arising from the breakdown of the stations tractor and vehicles. Similarly, there was a huge shortfall of 112 in the target achieved for grasscutters. Generally, the grasscutter production has not been very successful. More males have been produced than females. There has been problems with crossing (breeding) them. This accounted for the failure to achieve set targets for both 2011 and 2012. However, with the training organized for prison officers at the Animal Production Centre of the Ministry of Food and Agriculture, the problem of breeding is gradually getting solved. For poultry, 400 day old chicks were brooded for the production. The target achieved was 301. The shortfall of 90 was attributed to mortality and protocol allocations. However, rabbit and goat production achieved their set targets.

In year 2013, a total target of 1,211 acres has been set for the various crops. Arrangements will be made to transfer inmates to the Prison Camps, especially, Kenyasi and Forifori before the farming season begins.

Also, the Oil palm seedlings at Ahinsan and Kenyasi would be transplanted to increase the acreage in Oil palm plantation.

Similarly, for 2013 the targets for livestock have been set with the intention of repairing the tractor at Amanfrom which would be used for the conveyance of livestock feed from the breweries and food joints. Also, conditions would be improved for the livestock production at Ankaful and Awutu.

REVENUE, EXPENDITURE AND PROFIT FOR 2011 AND 2012 PRODUCTION PERIOD AND PROPOSED EXPECTED REVENUE, EXPENDITURE AND PROFIT FOR 2013

Table 3

2011			2012			2013		
REVENUE GH¢	EXPENDITURE GH¢	PROFIT GH¢	REVENUE GH¢	EXPENDITURE GH¢	PROFIT GH¢	EXPECTED REVENUE GH¢	EXPECTED EXPENDITURE GH¢	EXPECTED PROFIT GH¢
339,061.24	217,299.80	121,721.61	462,558.69	171,851.57	290,706.94	656,136.33	318,513.50	337,622.83

The expenditure for 2011 was GH¢217,299.80 while the revenue generated was 339,061.24 thus making a profit of GH¢121,721.61 (Table 3). For 2012, the expenditure was GH¢171,851.57 as against GH¢217,299.80 for 2011. There was a reduction in the expenditure for 2012 as a result of reduction in the expenditure on tractors, as well as reduction in the total acreage cultivated. Again the revenue generated in 2012 was GH¢462,558.69 as against GH¢339,061.24 for 2011. There was an increase in the revenue generated. The increase was GH¢123,497.45, that was 36.4% increase. This arose from the higher prices of the

agric produce as well as higher yields per acre of some of the crops, especially, maize.

The profit for 2011 was GH¢121,721.61 while that of 2012 was GH¢290,706.94. There was an increase of GH¢168,985.33. This gave a percentage increase of 138.8%. This huge increase in profit can be attributed to the lower expenditure of GH¢171,857.57 as against an expenditure of GH¢217,299.80 in 2011.

With the expenditure and revenue dynamics expounded above, the 2013 expenditure has been estimated to be GH¢318,513.50 as against GH¢171,851.57 of 2012. This would be an increase in expenditure of GH¢146,661.93. The increase arose mainly from the proposed expenditure on tractor repairs which was estimated at GH¢114,320.00.

The expected revenue of GH¢656,136.33 for 2013 as against the revenue of GH¢462,558.69 for 2012 would be GH¢193,577.64 more than the revenue of 2012 of GH¢462,558.69. This increase in revenue is 42%. This compares favorably with the increase of 36.4% of 2012 over that of 2011.

The expected profit of GH¢337,622.83 for 2013 also compares favourably with the profit of GH¢290,706.94 for 2012. The increase is 16.1% which is not over-ambitious.

Generally, the 2012 Agric production was very profitable.

The best five/5 stations in terms of quantum of profit were:

1. Kpando - GH¢51,044.90
2. Kenyasi - GH¢34,018.31
3. Amanfrom - GH¢28,522.28
4. D'Nkwanta - GH¢24,995.00
5. Awutu - GH¢23,259.00

Kpando Local Prison was the best Agric station in terms of profit margin as indicated above. It was followed by Kenyasi, Amanfrom, Duayaw Nkwanta and Awutu in that order.

The worst station in the 2012 Agric performance was Salaga. This was due to the very low price per kilogram of yam in the Northern Region. Admittedly, the yield was also much lower than was expected of them.

INDIVIDUAL STATION'S PERFORMANCE

AHINSAN

The station cultivated the crops below:

S/NO.	CROP	ACREAGE	YIELD	REVENUE
1	Maize	10	90 bags	5,265.00
2	Oil Palm/Palm Fruit	78	8,760 kg	6,976.80
3	Teak	5	-	-
	TOTAL			12,241.80

The yield of maize was below expectation though not bad. It had nine/9 bags per acre. The station had difficulties obtaining fertilizers. Thus, fertilizer application was not timely done, this affected the yield. The station will expand the oil palm plantation in 2013. The station made a profit of GH¢9,857.80.

AMANFROM

The station cultivated the crops below:

S/NO.	CROP	ACREAGE	YIELD	REVENUE
1	Maize	15	210 bags	10,530.00
2	Garden eggs	1	1,000 kg	400.00
3	Pepper	½	335 kg	584.60
4	Assorted Veg	½	-	600.00
5	Oil Palm	40	14,529 kg	12,950.10
			22,670 kg	4,082.58
	TOTAL			29,147.28

The station performed excellently. The yield of maize was higher and much better than that of last year. The yield per acre was twenty-one/21 bags. This was the best for 2012 and highly commendable. Amanfrom Camp Prison was the third best Agric station for the year 2012. The yield of oil palm was also very good. The station also engaged in livestock. In all, the Station made a profit of GH¢28,522.28. The station needs new land to engage in Agric activities.

ANKAFUL ANNEX

The station cultivated the following crops:

S/NO.	CROP	ACREAGE	YIELD	REVENUE
1	Maize	12	200 bags	15,000.00
2	Garden eggs	2	4,629 kg	3,703.20
3	Pepper	1/8	81 kg	162.00
	TOTAL			18,865.20

It made a profit of GH¢16,269.20. This was highly due to the higher yield per acre of 16.7 bags. Their performance was highly commendable.

ANKAFUL MAIN

The station cultivated the crops below:

S/NO.	CROP	ACREAGE	YIELD	REVENUE
1	Maize	15	144 bags	9,019.00
2	Oil Palm	41	30,000 kg	7,358.14
3	Garden eggs	2	4,000 kg	1,896.00
4	Pepper	2	100kg	361.00
	TOTAL			18,634.14

It also produced livestock.

The yield of maize was not bad. It had 9.6 bags per acre. The yield of oil palm was good. It made a profit of GH¢19,060.74.

AKUSE

The station cultivated the crop below:

S/NO.	CROP	ACREAGE	YIELD	REVENUE
1	Rice	28.5	50 Kg	22,000.00
	TOTAL			22,000.00

The station's 2012 farming programme activities are still in progress. It is expected that they would achieve their set targets. So far, they have produced 230 bags which is a good achievement.

AWUTU

The station cultivated the crops indicated below:

S/NO.	CROP	ACREAGE	YIELD	REVENUE
1	Maize	60	580 bags	38,160.00
2	Cowpea	1	40 kg	48.00
3	Tomatoes	2	790 kg	1,298.00
4	Pepper	20	160 kg	896.00
5	Garden eggs	1	320 kg	256.00
6	Mango	8	-	-
	TOTAL			40,658.00

The station was the best in Agric production last year. Even though their yield this year was higher than last year, the station was the fifth best this year 2012. Their profit margin was GH¢23,259.00.

D'NKWANTA

The station undertook the production of the crops below:

S/NO.	CROP	ACREAGE	YIELD	REVENUE
1	Maize	30	368 bags	22,448.00
2	Cassava	2½	400 kg	540.00
3	Oil Palm	113	-	4,518.00
			-	432.00
4	Garden eggs	½	2,413 kg	482.00
5	Beans	5	650 kg	1,755.00
6	Pepper	¼	200	180.00
7	Okro	60	60	37.80
	TOTAL			30,392.80

The yield of maize was better than that of last year. The yield per acre was 12.2 and very encouraging. The yields of the other crops were not bad especially the oil palm. They made a profit of GH¢24,995.00 and were the fourth/4th best Agric station for the 2012 Agric Programme.

FORIFORI

The station produced the crops indicated below:

S/NO.	CROP	ACREAGE	EXPECTED YIELD	EXPECTED REVENUE UNSOLD	REVENUE SOLD
1	Maize	5	51 bags	3,213.00	3,150.00
2	Cowpea	1	53 kgs	119.25	-
3	Okro	2	294 kgs	123.48	-
4	Pepper	3	74 kgs	310.80	-
5	Groundnut	5	812 kgs	1,069.20	-
6	Cassava	9	5,850 kgs	108.00	2,106.00
	TOTAL			4,943.73	5,256.00

Revenue for Livestock Production:

S/NO.	LIVESTOCK	TOTAL
1	SHEEP	195.00
	TOTAL	195.00

The station's yields were generally below expectation. However, the yield per acre (10.2 bags) of maize was considered to be good. The station made a profit of GH¢6,546.73 which was lower than that of 2011.

HIAWA

The station cultivated the crops presented below:

S/NO.	CROP	ACREAGE	YIELD	REVENUE
1	Maize	13	108 bags	5,103.00
2	Cowpea	5	200 kg	464.00
3	Palm Fruit	2	3,400kg	2,278.00
4	Gari	2	553 kg	647.01
5	Unsold Stock			2,397.00
	Total			10,889.01

The station performed poorly again in 2012 just as it did in 2011. Even though it made a profit of GH¢8,734.01, it could have done much better. The yield per acre of maize was too low, 8.10 bags. This was lower than the previous years. It is expected that the new Agric officer will revive the Agric production at the station.

JAMES CAMP

The station cultivated the crops and livestock presented below:

S/NO.	CROP	ACREAGE	YIELD	REVENUE
1	Vegetable Production			11,685.00
2	Exotic Veg.			2,478.00
	TOTAL			14,163.00

REVENUE FOR LIVESTOCK PRODUCTION

S/NO.	LIVESTOCK	TOTAL
1	PIG	8,830.00
2	RABBIT	2,430.00
3	POULTRY	7,515.00
4	GRASSCUTTER	290.00
	TOTAL	19,065.00

EXPENDITURE FOR LIVESTOCK PRODUCTION

S/NO.	LIVESTOCK	TOTAL
1	PIG	3,669.00
2	RABBIT	1,843.40
3	POULTRY	4,043.50
4	GRASSCUTTER	7.50
	TOTAL	9,563.40

The station undertook vegetable and livestock production and generated a revenue of GH¢33,228.00. The station spent GH¢11,943.00. Thus, making a profit of GH¢21,285.00. The station experimented poultry production and was successful. Hence, the Agric Unit is supporting the station to produce poultry in 2013, in addition to what it has been traditionally doing.

KENYASI

The station cultivated the crops indicated below:

S/NO.	CROP	ACREAGE	YIELD	REVENUE
1	Maize	50	450 bags	11,603.25
2	Palm Fruit Palm Oil	46	12,342.00	4,443.12
			7,100.00	5,680.00
3	Tomatoes	2	1,133.00	453.20
4	Garden eggs	2	1,045.00	209.00
5	Pepper	3	346 (fresh) 50 (dried)	484.40
6	Cocoa	28	1,297.60	4,265.09
7	Worth of unsold produce			15,804.25
TOTAL				42,942.31

The yield of maize of 450 bags was low. This gave the yield per acre of nine/9 bags. The station could not achieve their set target of 100 acres for maize due to the difficulties in transferring inmates to the facility. However, the station made a profit of GH¢34,018.31 and was the 2nd best Agric station for 2012.

KPANDO

The station cultivated the crops indicated below:

S/NO.	CROP	ACREAGE	YIELD	REVENUE
1	Maize	50	700 bags	38,747.50
2	Beans	10	1,900	2,970.00
3	Gari	6	1,970	2,010.00
4	Garden eggs	1	365	131.40
5	Rice	12	-	-
	TOTAL			43,858.90

UNSOLD PRODUCE

S/NO.	CROP	TOTAL
1	Maize	14,152.50
2	Cowpea	2,992.50
3	Rice	4,319.40
	TOTAL	21,464.40

The station's yield of maize of 700 bags was highly commendable, especially considering the high acreage and the yield per acre of fourteen/14 bags. Generally, the station performed excellently. It made a profit of GH¢51,044.90. Kpando Local Prison was the best Agric station for the year 2012.

NSAWAM FEMALE

The station undertook the production of crops and livestock as indicated below:

S/NO.	CROP	ACREAGE	YIELD	REVENUE
1	Maize	2	16 bags	1,008.00
2	Cowpea	1	40 kg	-
3	Garden eggs	1	200 kg	45.36
	TOTAL			1,053.36

The yield of maize of sixteen/16 bags was lower than that of last year. However, the station is now processing their minor season maize. It is expected that their yield would go up. The station would increase this figure after processing their minor season maize. The station's rabbit production had a high mortality resulting in low production.

NSAWAM MALE

The station cultivated the crops indicated below:

S/NO.	CROP	ACREAGE	YIELD	REVENUE GH¢
1	Oil Palm	59	19,783 kgs	10,525.11
2	Cowpea	5	380 kg	923.40
3	Black Beauty	2	2,007 kg	802.80
	Total			12,251.31

The station's performance has improved tremendously. An amount of GH¢647.00 was invested and a revenue of GH¢12,251.31 was generated. Thus, making a

profit of GH¢11,604.31. This is very encouraging. Also, the station's poultry production will be revived in the 2013 Agric production.

OBUASI

The station cultivated the crops indicated below:

S/NO.	CROP	ACREAGE	YIELD	REVENUE
1	Maize	15	200 bags	11,700.00
2	Cowpea	5	-	-
3	Palm Fruits	18.3	6,237.2 kg	6,167.80
	TOTAL			17,867.80

The station's yield of maize was very good. The yield per acre was 13.3 bags. The yield of the oil palm was also encouraging. Regrettably, the cowpea production failed woefully due to excessive rain.

Generally, their performance was not bad. A total of GH¢6,453.00 was invested with a revenue of GH¢17,867.00, thus, making a profit of GH¢11,414.00. The production of cowpea will be discouraged at the station.

OSAMKROM

The station cultivated the crops indicated below:

S/NO.	CROP	ACREAGE	YIELD	REVENUE
1	Oil Palm	3	2,940 kg	1,852.20
2	Maize		225 bags	15,075.00
3	Unsold stock			455.40
Total				17,383.40

The station undertook both crops and livestock production. A total of GH¢20,833.10 was generated, thus making a profit of GH¢15,842.10. The livestock production needs to improve. The crop production is encouraging.

SALAGA

The station cultivated the crops indicated below:

S/NO.	CROP	ACREAGE	YIELD	REVENUE
1	Yam	6	5,517 kg	2,711.88
2	Pepper	3	134 kg	562.80
3	Unsold produce			267.30
TOTAL				3,541.98

The yield of yam was poor. Unfortunately, the price per kilogram of yam was equally poor. Thus, the combined effect made the station's Agric performance

for 2012 very poor and unprofitable. The station made a loss of GH¢1,462.32. The station needs an Agric officer to turn their Agric fortunes around.

TARKWA

The station maintained their oil palm plantation:

S/NO.	CROP	ACREAGE	YIELD	REVENUE
1	Palm Fruits	25	5,079 kg	3,454.00
	TOTAL			3,454.00

The yield from the plantation is encouraging. Unfortunately, galamsey and other gold processing entities are competing with the Service for the farm land.

WA

The station produced the crops indicated below:

S/NO.	CROP	ACREAGE	YIELD	REVENUE
1	Maize	40	276 bags	15,594.00
2	Garden egg	4	48.98 kg	1,224.50
3	Pepper	4	1.36 kg	163.20
4	Okro	2	9.38	281.40
	TOTAL			17,263.10

The yield of maize was below expectation. However, the general performance was encouraging. An amount of GH¢9,094.00 was investing and a revenue of

GH¢17,263.10 was generated, making a profit of GH¢8,169.11. The station will be advised appropriately to improve their yield, especially in maize.

YEJI

The station cultivated the crops indicated below:

S/NO.	CROP	ACREAGE	YIELD	REVENUE
1	Maize	20	300 bags	18,300.00
2	Yam	15	22,000 kg	17,820.00
3	Pepper	3	98 kg	156.80
	TOTAL			36,276.80

The station's performance was very good. The yield of maize was 300 bags. This gave one of the highest yield per acre for the year 2012. The yield per acre was 16 bags. The yield of yam, however was not very good.

A total of GH¢14,190.00 was invested and a revenue of GH¢36,276.80 was generated. This gave a profit of GH¢22,086.80 which was very good. It was the sixth best Agric station.

CHALLENGES

2012 Agric performance encountered challenges some of which have been outlined below:

- Land litigation issues
- Erratic rainfall pattern
- Breakdown of tractors
- Shortage of technical experts example:

- Tractor operators
- Tractor Mechanics
- Power Tiller operators among others
- Staff/Labour problems with Nsawam Male Prison Agric production.
- Lack of vehicle for the Agric Unit.

CONCLUSION

The challenges outlined above notwithstanding, the general performance of the stations during the 2012 production year was very good. With the exception of Salaga which made -29.2% loss, all the stations made appreciable profit on their investments.

This performance was an improvement on that of last year.

The top 5 stations in terms of quantum of profit were:

1.	Kpando	-	GH¢51,044.90
2.	Kenyasi	-	GH¢34,018.31
3.	Amanfrom	-	GH¢28,522.28
4.	D'Nkwanta	-	GH¢24,995.00
5.	Awutu	-	GH¢23,258.00

The Agric Unit is going to embark upon rigorous monitoring and evaluation of the projects for 2013 to ensure that the performances of the stations improve. The Unit also intends to expand the farms, especially the Oil Palm plantation to not only increase production but also to prevent encroachment on our farm lands.