

Snail and Fish Production in Udu Lga Delta State, Nigeria

Onasanya Ibukunoluwa T*

Department of Community Health and Primary Care, College of Medicine University of Lagos, Lagos, Nigeria

*Corresponding author: Onasanya Ibukunoluwa T, Department of Community Health and Primary Care, College of Medicine University of Lagos, Lagos, Nigeria, E-mail: onaku@yahoo.com

Received date: August 02, 2021; Accepted date: August 16, 2021; Published date: August 23, 2021

Copyright: © 2021 Gebremedhin T. This is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

Abstract

First class agro is an integrated farming system, with an expertise in snail and fish farming. It produces at least 500 hatchlings of snail and 200 fingerlings of fish on weekly bases. Our farm is set out to meet the wants of our consumers and at the same degree ensuring that farm produce is cheaper and constantly available for consumption.

Keywords: Snail, Nutritional, Fish products

Introduction

First class agro was established in the year 2017 as a result of feasibility studies which were carried out in Delta state. It shows that few agricultural farms are involved in the production of snail and fish products which reveal that the demands are rarely met. To the same degree, there is the fear of consumption of red meat and most people therefore recourse to the consumption of snails and fish, for they believe that it has more nutritional value and less cholesterol. For this reason First class agro was set up to capture and augment for the supply of snail and fish produce in the ditto location, which was aimed at consumer total satisfaction. First class agro operates an integrated farming system where on the same piece of land we have crops like coco yam and watermelon planted in the snail trench pen for the snails, so they can have the feel of their natural habitat and we still have the fish pond. Here whenever we change the water it is channeled straight into the snail farm to serve as manure to the crops so everything goes round the circle, i.e. zero waste. However, it is evident in the mind's eye that there is need for the expansion of my business, by dint of the scope and service been rendered. There is a need to begin expansions in the other region of south south Nigeria, if considerable the whole country at large, for there is an increase in demand than supply [1].

Statement of Problem

Statistics shows that a lot of people are now deviating from eating red meat, statistics also shows that very few agricultural farms are involved in the production of snail and fish products which reveal that the demands are rarely met. To the same degree, there is the fear of consumption of red meat and most people therefore recourse to the consumption of snails and fish, for they believe that it has more nutritional value and less cholesterol. For this reason First class agro was set up to capture and augment for the supply of snail and fish produce in the ditto location, which was aimed at consumer total satisfaction [2].

Objective

The business is aimed at:

- Producing high quality and affordable products

- To reduce unemployment among the youths in the community
- To ensure strong customer relationship seeing our employees as valuable assets
- Transparency
- To ensure customer satisfaction
- To meet the needs of snail lovers
- To have happy customers
- To meet the needs of cat fish lovers
- To offer support to the community
- To make Nigeria a better place in the sense that we do not have to import snails and fish anymore.

Methods/Activities

First class agro operates an integrated farming system where on the same piece of land we have crops like coco yam and watermelon planted in the snail trench pen for the snails, so they can have the feel of their natural habitat and we still have the fish pond. Here whenever we change the water it is channeled straight into the snail farm to serve as manure to the crops so everything goes round the circle, i.e. zero waste [3].

The following business strategies has been adopted by First class agro;

We use price penetration strategy so as to achieve a healthy market share. Employing good customer care principle so as to achieve customer satisfaction and retention. After sales delivery service will be provided at no extra cost. Giving little discount to customers for bulk purchases.

Resources: The sum of 1,305,500 naira will be required to augment the startup capital which may either be loan or grant for the support of the enterprises in a period of 1 year. Equipment's such as wheelbarrow, garden tools, trench pen, fish pond, weighing scale, measuring tape etc will be needed for the smooth running of the farm. Currently we are just two people running the farm of which one is a graduate of agriculture engineering, but with time as we expand our operations we will hire more reliable hands that are specialized in fish hatching and snail farming that will speed up the growth of the business. All of these processes is to achieve the set goal of the organization [4].

Schedule: This project is expected to kick off on the 26th of November 2017 and it is expected to run for life but for the purpose of this project and for the purpose of establishing the business, it will run

through till the 31st of December 2017. The table below is a total description of the activities and resources of the business; such as the startup expenses and the operational expenses.

Startup expenses:

Equipment and machines	Cost (N)
Trench pen	70,000
fish pond	30,000
Garden tools	10,000
Weighing scale and Measuring tape	5,000
Land	5,00,000
Generator	70,000
Water tank	35000
Total	7,20,000
Operating expenses/working capital	Cost(N)
500 giant snails	175000
500 cat fishes fingerlings	150000
Feeding	50500
Salary	80000
Equipment	1,10,000
Transport	10,000
Advertisement	10,000
Total	5,85,500

Justification

This project is economically beneficial because, it will provide jobs for the unemployed youth in Udu LGA in Delta state, as well as supply the society with very rich food nutrients in both snails and fish and also provide watermelon and coca yam which is always limited due to very limited production. The implementation of the this project will create employment, enhance wealth creation and reduce poverty , cultism , youth restiveness and social ills and thus promote and advance the weals of millennium development goals (MDGS), the national economic empowerment and development strategy (NEEDS), State economic empowerment and development strategy (SEEDS) and vision 2020 [5].

Budget

Start up capital

- investment(equipment, machinery and others):(N) 720,000
- Working capital : (N) 585,500
- Total:(N) 1,305,500

Source of capital

- Owners capital: (N) 300,000
- Donations/grants:(N) 1,005,500
- Bank loan: (N) 0.0

- Total: (N) 1,305,500

Our projections for the next 3 years are;

Profitability

- Year 1: (N) 2,537,000
- Year 2: (N) 4,149,000
- Year 3: (N) 4,149,000 respectively

Measurment

Currently no changes has been spotted in the project work breakdown structure but has time goes by when situations come up, we will alert the board of trustees and the change will be implemented without disrupting the flow of the work. The farm will be inspected every day to see and note the progress in growth of both the snails and the fish. If the project activities fail to go as planned, we the board of trustees will have a meeting on the current issue and solutions to the problem will be proffered and swift actions will be taken.

References

1. Ojogho O (2019) Impact of supply-side market participation on profit of catfish farmers in delta central agricultural zone, delta state, Nigeria. Nigeria Agri J 50: 145-152.
2. Oghenero O, Emaziye PO, Yarhere E (2021) Effects of the Delta-Songhai Centre Agricultural Programmes on Beneficiaries in Delta State,

-
- Nigeria: Youth Economic Empowerment Approaches. *Yuzuncu Yil Univ Tarim Bilimleri Dergisi* 31: 472-486.
 3. Ijeomah HM, Ugwu CC (2016) Utilization of Selected Edible Forest and Wildlife resources in Nsukka Zone of Enugu State, Nigeria. *Nigerian J Agri Food Environ* 12.
 4. Okoro JC, Okubor FG (2020) Abigbo's Identity in Music Making and Repertory of Songs: The Mbaise People's Heritage. *UJAH: Unizik J Arts and Humanities* 21: 170-194.
 5. *Xylopi*a aethiopica fruit extract exhibits antidepressant-like effect via interaction with serotonergic neurotransmission in mice. *J Ethnopharmacol* 184: 49-57.