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MATRIC NUMBER: 18/MHS04/002

DEPARTMENT: HUMAN NUTRITION AND DIETETICS

LEVEL: 200

COURSE: AFE

1. Prepare a business plan on a chosen agricultural enterprise.

**ANSWER**

Poultry farming can be characterized as the way toward raising different birds like chicken, turkey, emu, ducks, geese, and so forth for their eggs or meat. The interest for domesticated animals items, including poultry, is quick extending in Nigeria and across Africa because of populace development and expanded urbanization. Poultry cultivating is one of the quickest developing sections in the Agricultural business in Nigeria.

From a market size point of view, Nigeria's egg creation is the biggest in Africa followed by South Africa.

Among a wide range of poultry cultivating (chickens, turkeys, geese, and ducks), chicken is the most well-known one as ranchers get an extraordinary number of chickens consistently either the egg for food or the cultivating meat. The high utilization of the final result; chicken and egg are in steady interest in the commercial center and even at different homes in Nigeria today and this makes poultry cultivating extremely worthwhile as it is by all accounts an intense wellspring of creature protein outside fish, pork and meat. Some economic importance of poultry includes;

* Poultry provide humans with companionship, food and fiber in the form of eggs, meat and feathers. Many people love to raise and show chickens and other poultry species at fairs and other poultry shows. Others just love to raise them for backyard pets and for fresh eggs every day. There is a large commercial chicken industry that provides us with eggs and meat.
* The commercial egg laying industry is comprised of over 273 million laying hens, of which about 237 million produce table eggs (the eggs you buy at the supermarket) and the rest were for fertile hatching eggs as replacement for the laying flocks.
* **Nutritive value:** A moderate content, exceptionally absorbable proteins (with low degrees of collagen) of good wholesome quality, unsaturated lipids (principally found in the skin and handily expelled), B-bunch nutrients (predominantly thiamin, nutrient B6, and pantothenic corrosive), and minerals (like iron, zinc, and copper) make poultry meat an important food.

**A FEASIBILITY REPORT FOR THE DEVELOPMENT OF A POULTRY PLAN AT IKORODU, LAGOS STATE, NIGERIA**

**INTRODUCTION/ EXECUTIVE SUMMARY**

Feasibility Study on the establishment of a poultry form is based on the survey made by Scholastica Ighagbon, and the business with by wholly owned by her. The name of the poultry farm will be name **EMPERIUM FARMS VENTURE** and will concentrate on sales of eggs and table meat bird (boilers).

We will supply birds and eggs to different quick service restaurant in south west Nigeria and our vision is to be one of the known poultry farm product supplier in Nigeria with a mission to raise healthy birds at a very profitable venture.

From the research that was carried out it was discovered that the demand for eggs and bird meat is not fully satisfied around some areas of Lagos, though they are already existing poultry farms operating around borders of Lagos and Ogun state environment, the poultry farm will be sited at Ikorodu West Local government area in Lagos state a neighboring environment to Ogun, there are high demand in some part of lkorodu, Sango and some part of Ogun. These legal requirements for the establishment of this venture such as local government revenue (tax) per month and security payment (vigilante) per month have been inquired and will be carefully complied with.

The venture will help in providence employment to the locals meeting the demand of eggs and making the price affordable in future, **EMPERIUM FARMS VENTURES** intends to develop into other livestock farming structures such as turkey, duck, guinea fowl and quail.

**PROJECT DESCRIPTION**

**EMPERIUM FARMS** products will be priced at affordable rate. When a markup is placed on any of our products, customers will be willing to pay because of the affordable price.

The venture to be established is a poultry farm that will concentrate on the production of eggs and sales of broilers, birds because of the fund required the venture will start as a small scale business having the population of three Local Government Area of Lagos, which are Ikorodu West, Ikorodu South, Ikorodu East are target market. The farm site will be a permanent land and will need necessary equipment for its operation as it is entirely new firm to start from the scratch.

**PROJECT LOCATION**

A cautious thought has been given to the simple openness of adequate amount of water, simple availability to the site, legitimate climatic conditions, simple openness of creation inputs, financial angles, advertising channels, among others. The task would be situated on a two plots of land at Ikorodu-West, Lagos State. The choice to find the proposed poultry farm at Ikorodu depended on the way that the market for the item is huge and can be beneficial. Likewise, the expense of the land is significantly low since it is by and by not utilized for any major economic endeavor.

**PROJECT TECHNICAL FEASIBILITY**

The firm will be a commercial poultry farm; therefore it will require a full time labour and geared towards productivity on a scale for the sales of egg and sales of broiler birds.

For egg production, birds usually starts to lay at 18-22 weeks of age and continue to lay for Twelve months (52weeks) on average laying fewer egg as the new mounting period. The typical production cycle last about 17 months (72 weeks) and involves three district phases as follows:

**PHASE 1:** Pullets or broilers: This phrase last from 0 – 8 weeks during which small chicks (pullets) are kept separately from broilers.

**PHASE 2 (GROWERS):** This period concerned is between 8 – 21 weeks of age. Growers are the future laying birds and the way they grow up will largely determine how well they do in the laying house. Therefore management during the growing period is very important.

**PHASE 3 (LAYERS):** The laying period is taken to have started when the birds reach 5% egg production on a daily basis. The laying period continues until the birds are sold at the end of a laying period of normal length or are force mounted Housing time starts with the beginning of the laying period. The number of birds housed is the number of pullet in the laying house when egg production starts.

**PROJECT EXECUTION PLAN**

This execution is based on birds i.e. layers and broilers

Layers are those birds that lay eggs while broilers don’t lay egg. This evaluation will be based on 5% normal loss i.e. at the process of taking care of the day old chicks; it is possible to lose 5% of the birds to sickness. Therefore if we start with 1000 birds, it is possible for us to lose 50 birds at the process of rearing them. While broilers if we start with 400 birds it is possible for us to loss 20 birds to diseases at the process of rearing them.

**LAYERS**

If layers are been rear, it takes 18 weeks to start laying egg, if we start with 1000 birds and we loss 5% of it so we have 950 surviving layers and with proper management of feeding and other maintenance of the bird it is possible to get 90% egg production that is 855 per day and 5985 pieces of egg every week. If we loss 1% of the egg that is 60 pieces every week so we have 5925 pieces p/weeks. 197 crates of eggs every week and crate of egg is sold accordingly to its size. Small sizeN500, Medium N600, Big size N700. Assuming we use medium size, that is N600 which result to N118500 sales of egg every week.

After laying eggs for 52 weeks (12months) we dispose the layer and it will be sold at the rate of N700 per layers

Therefore, before changing the stock we might have made N6,162,000 from sales of eggs and N665,000 from the disposal of old layers making a sum total of N6,827,000 for the period of 52 weeks (one year)

**BROILERS**

Broilers do not lay eggs but grows to table size when they are from 8 weeks old upward. We are project for 400 birds of broilers and if we have 380 surviving birds sold at the rate of N1,500 each, making a total sales of N570,000 for the period of rearing the broilers. Making it total sales of (570,000 x 3) N1,710,000 for period of 12 months

Total Sales expected for 12 months.

Layers N6,162,000

Broilers N1,710,000

 **N7,872,000**

**PROFITABILITY**

Technical, scientific and financial based solutions will be employed to hedge against risks and safeguard profit.

**PROJECT TIMELINE**

The project will be completed within a year preferably June ,2015 to June, 2016 because land option and clearing is done during the dry season.

**ECONOMIC/FINANCIAL PLAN**

**CAPITAL EXPENSES**

2 plots of land @ N150,000 N300,000

Block 2000 pcs @ 110 N220,000

Cement 60 bags @ N1800 N108,000

Cement Carriage N3,000

Woods N151,700

Roofing Sheets N126,000

Roofing Slate N25,000

Ceiling Slate N15,000

Reggie’s N7,500

Nails N12,000

Net 15 bundles @ N4000 N60,000

Iron door N43,000

 **N1,071,200**

**SANDS**

Stone Big 2 tipper @ N25,000 N50,000

Sharp sand (Mayans) N20,000

Soft Sand N22,000

 **N92,000**

**TOOLS**

Dayold feeders 30pcs @ N120 N3,600

Dayold Drinker 15pcs @ N200 N3,000

Feeders 60pcs @ N550 N33,000

Drinkers 12pcs @ N2500 N30,000

Shovel & Headpan N2,000

Thermometer (Digital) N8,000

Scale (Digital) N10,000

Geepee Tank 1500litres N23,000

Geepee Tank 500 litres N14,000

Nylon 7 pcs @ N700 N4,900

**WORKMANSHIP**

Carpenter N65,000

Bricklayer N80,000

Miscellaneous N130,000

 **N275,000**

Business Registration N20,000

**PRODUCTION**

1000 pullets @ 140 N140,000

400 broilers @ 130 N52,000

 **N192,000**

**OPERATIONAL EXPENSES**

Feeds, Vaccines & upkeeps N1,330,000

Salaries and stationeries N240,000

 **N1,570,000**

**SUMMARY**

Capital expenses N1,781,700

Operational expenses N1,570,000

**TOTAL EXPENSES N3,351,700**

**TOTAL SALES FOR PERIOD OF 12 MONTHS**

Layers N6,162,000

Broilers N1,710,000

 N7,872,000

**PROFIT = SALES – EXPENSES**

For layers during egg production,the expenses are half of sales of egg will go in for feeds and other operational expenses. i.e. N6,162,000 divide by 2

6162,000

 = 3,081,000

 2

For broiler the cost of production till the birds reaches table size before disposition is between N900 to N1000. So therefore let put the bench mark to N1000. If N1140 broiler is sold at the rate of N1500

1,710,000 – N1140,000 = N570,000

The profit of layers for the period of 12 months = N3,081,000

The profit of broilers for the period of 12 months = N570,000

Total profit = N3,081,000 for layer

 N571,000for broiler

 **N3,651,000**

**OPERATIONAL COSTS**

Includes the cost of the day to day management of the hatching, the wages and salaries of staff and procurements of the other operational inputs.

**CONCLUSION**

Most meals in Nigeria is not complete without poultry output like egg or meat. Nigeria has over 170 million growing population that demand for meat or egg on a daily basis. With increasing awareness on health implication of red meat, they are ever increasing demand for white meat and livestock are source of white meat.