

## **CHAPTER THREE**

### **RESEARCH METHODOLOGY**

#### **3.0 INTRODUCTION**

This chapter of the study covers the method on brooding of broilers especially, the challenges associated with brooding techniques and the measure used to solve them the chapter is discussed under the headings of Research design, Scope of the study, Population of the study, Sample size and sample technique, Instrument of data collection, Validity of the instrument, Method of collection and Method of data analysis.

#### **3.1 RESEARCH DESIGN**

The research will adopt survey research method which will be based on a personally administered questionnaire. The study of broiler production in nigeria, brooding management and profitability of broilers from day old to their table size aimed at discovery to what extent in the use of these brooding techniques from the expected standard.

#### **3.2 SCOPE OF THE STUDY**

The research does not cover everything about the poultry industry.it focuses mainly of brooding of broilers, especially the challenges associated with brooding techniques and the measures used to solved them. The study also examines the extent in the use of these brooding techniques from the expected standard..

#### **3.4 POPULATION OF THE STUDY**

The population of the study comprises of all the residents in the community in kwara state, who engage in brooding of broilers. These community which are urban areas, were possessively selected because the residence are the

targets audience. Kwara state has been estimated population of 2.37million according to the nigeria 2006 census figures

### **3.5 INSTRUMENTATION**

The questionnaire is the instrument for data collection. The questionnaire will be in two parts one will be demography of the respondents like gender,age,sex.marital status etc and part two will contain question relating to the study the question will consist of about 30 close ended questions appropriate for the study to elicit the desired information.

### **3.6 VALIDITY AND RELIABILITY OF THE INSTRUMENT**

The instrument (questionnaire) used is valid because it's the most appropriate instrument for data collection in survey study because it enhances the influence of the research. It's personally nature makes data realized from it reliable and most important, it's give both respondents and researchers the confidentiality of their communication.

More so, the project supervisor monitored it to ensure it's validity both in content and context. This was done by ensuring that the questions contained in the questionnaire are thoroughly and properly constructed and also relevant to the study.

### **3.7 PROCEDURE FOR DATA COLLECTION**

Data collection is defined as the procedure of collecting.measuring and analyzing accurate insights for research, using standard validated techniques. A researcher can evaluate their hypothesis on the basis of collection and ensuring that information rich and to reliable data is collected for statiscal analysis so that data-driven decision can be made for research. The researcher use questionnaire to collect the date. The data will be collected by

the researcher and will not employ any assistance to distribute the questionnaire copy.

### **3.8 METHOD OF DATA ANALYSIS**

The method of data analysis is to extract useful information from data and the decision based upon the data analysis the method of data analysis use in this research work covers the use of descriptive and inferential statistical tools.