

Data Collection Concept Addressing The Decline In Egg Production On Kalule's Poultry Farm

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1 Introduction

Kalule's poultry farm is located in Kyengera and it started operating in 2010. From records, a decline in egg production has been realized despite the fact that each year the farm has been operating closely with the same number of birds and almost the same food supply.

2 Data to be collected

Apart from food supply and number of birds on the farm, more data such as the health status(expressed as a percentage of the total number of bird alive at the end of the season over the total deployed at the beginning of the season), electricity, water supplied, which may also cause low egg production has to be collected.

More so from the interviews conducted with the workers on the farm, it has been brought up that ever since the stone quarry company was established in 2014 in their neighbourhood, they have suffered alot of damage and experienced alot of power shortage. Therefore its of significance to collect the surrounding environment data.

2.1 Trend in production

Below is a table summarizing data from records collected from 2010 to 2017.

Year	Qty Food(kgs)	Health status(%)	No.of hens(Average)	eggs(trays @ day)
2010	160	85	300	9
2011	200	78	460	12
2012	200	82	400	11
2013	250	75	500	14
2014	270	80	520	12
2015	240	70	520	9
2016	280	65	540	10
2017	280	58	540	9