

200 CHICKEN / BIRDS			
	Unit Cost (Kshs)	Qty	TOTAL COST (Kshs)
Purchase of Day Old Chicks	100	200	20,000.00
<b>Feeding:</b>			
Chick Mash: Day 1 - 8 weeks (Kgs)	45.6	300	13,680.00
Grower Mash: 8 - 18 Weeks (Kgs)	41.8	788	32,938.40
Layer Mash: 18 - 20 Weeks	42.5	232	9,860.00
<b>TOTAL FEEDING COST (KSHS)</b>			<b>56,478.40</b>
<b>Vaccines:</b>			
Gumboro (200 doses)	3	200	600.00
Newcastle (200 doses)	4.5	200	900.00
Fowl Pox (500 doses)	2	200	400.00
Fowl Typhoid (100 doses)	1.5	200	300.00
<b>TOTAL VACCINES COST (KSHS)</b>			<b>2,200.00</b>
Water	300	5	1,500.00
Nutrition Supplements (Vitamins, Dewormer, Antibiotics)	35	200	7,000.00
<b>GRAND TOTAL COST FOR REARING 300 BIRDS TO 5 MONTH(KSHS)</b>			<b>87,178.40</b>

UNIT COST PER BIRD (KSHS)			435.89
<b>Homorange Feeds Pricing:</b>			
	Price per Bag (Kshs.)	Unit Price (Kshs./Kg)	
Chick Mash (50kg Bag)	2279	45.6	
Grower Mash (50 Kgs Bag)	2090	41.8	
Layer Mash (50 kgs Bag)	2125	42.5	

SCENARIO A: INCOME FROM SALE OF THE 200 CHICKEN AT 5 MONTHS			
ESTIMATED MORTALITY OF 50 CHICKEN (BAL - 250 CHICKEN)	Unit Cost (Kshs.)	Quantity of Chicken	Total (Kshs.)
Sale of Mature Chicken	850	150	127,500.00

<b>TOTAL NET PROFIT (KSHS.)</b>	<b>Kshs40,321.60</b>	
<b>NO. OF BATCHES IN 18 MONTHS</b>	<b>PROFIT PER BATCH FOR 18 MONTHS PERIOD</b>	<b>TOTAL NET PROFIT FOR 18 MONTHS PERIOD</b>
<b>4</b>	<b>Kshs40,321.60</b>	<b>Kshs145,157.76</b>

<b>SCENARIO B: Sale of All Cockerells at 5 Months and Maintaining remaining chicken for Eggs for consumption for 1 year production cycle</b>				
	<b>150</b>	<b>Unit Cost (Kshs.)</b>	<b>Quantity of Chicken</b>	<b>Total (Kshs.)</b>
Cockerels / Jogoos Sale		900	75	67,500.00
Sale of Eggs: (125 Hens)				
Production (Max 100 eggs / day)		15	20520	307,800.00
Sale of ex-laying hens		500	75	37,500.00
<b>LESS: FEED CONSUMPTION FOR THE PERIOD</b>		<b>42.5</b>	<b>2295</b>	<b>-97,537.50</b>
Miscellaneous (Water, Supplements, Antibiotics, etc)				-9,753.75
<b>TOTAL INCOME</b>				<b>305,508.75</b>
<b>TOTAL NET PROFIT (KSHS.)</b>				<b>Kshs218,330.35</b>

<b>SCENARIO C: Sale of 80% Cockerells at 5 Months and Maintaining 20% cockerels and all hens for production of fertilised eggs for sale for 1 year production cycle</b>				
	<b>150</b>	<b>Unit Cost (Kshs.)</b>	<b>Quantity of Chicken</b>	<b>Total (Kshs.)</b>
Cockerels / Jogoos Sale		900	60	54,000.00
Sale of Eggs from hens:			75	
Production (Max 100 eggs / day)		25	20520	513,000.00
Sale of ex-laying hens		500	75	37,500.00
Sale of Jogoos / Cockerels		900	15	13,500.00
<b>LESS: FEED CONSUMPTION FOR THE PERIOD</b>		<b>42.5</b>	<b>2754</b>	<b>-117,045.00</b>
Miscellaneous (Water, Supplements, Antibiotics, etc)				-11,704.50
<b>TOTAL INCOME</b>				<b>489,250.50</b>

**TOTAL NET PROFIT (KSHS.)**

**Kshs402,072.10**

**Conclusion:**

The above scenario helps us draw the following conclusions:-

- 1) The most profitable poultry business to do is undoubtedly sale of fertilised eggs for incubation. This however does come with its own set of massive challenges that if a breeder is able to overcome, then they are able to enjoy the above high profits.
  
- 2) Keeping chicken for sale of their eggs is more profitable than keeping chicken for sale of meat, despite the fact that one is able to maintain multiple chicken batches throughout the standard production period of 18 months where they opt to keep the chicken for meat.
  
- 4) The breaking-even point in terms of profitability lays in ensuring one does not have mortality that exceeds:-
  - a) For chicken kept for meat, a mortality rate of not more than 49% (Remain with 51%+ of stock)
  - b) For chicken kept for eggs for consumption, a mortality rate of not more than 80% (Remain with 20%+ of stock)
  - c) For chicken kept for sale of fertilised eggs, a mortality rate of not more than 86% (Remain with 14%+ of stock)

















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