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Sanggunian at mapapagkukuhanan ng impormasyon:

Bulacan Agricultural State College - Extension Services Office
Website: www.basc.edu.ph
E-mail: bascextensionservices@gmail.com
Facebook: BASC Extension Services

Dr. Imelda SA. Navarro
Assistant Project Leader
Contact No.: (639)33-813-9012

Bulacan Agricultural State College and
Department of Science and Technology - Philippine Council for Agriculture, Aquatic, and Natural Resources Research and Development

Cost and Return Computation Guide for Free-Range Chicken Production

Farm Inputs/Expense Items for 100 heads FRC

Items	Unit	Quantity	Cost	Total
Ready-to-lay FRC	head	100	P400	P40,000.00
Feeds	kg	3650	P27	98,550.00
Housing	year	1	P4,000	4,000.00
Vaccines and medicines	year	1	P500	500.00
Total Expenses				**P207,934.00**

Projected Sales

Items	Unit	Quantity	Selling Price	Total
Culls FRC	kgs	190	P150	P28,500.00
FRC Eggs	pc	25,550	P7	P178,850.00
Feeds Sacks	pc	73	P8	P584.00
Total Expenses				**P207,934.00**

***Sample Costing Computation*:** Free-Range Chicken Production Project Annual Income Statement	
Projected Sales	
Culls (95 heads @ P150/kg x 2kg)	P28,500.00
FRC Eggs (100 heads x 70%=70pcs/day x 365 days @P7/pc)	P178,850.00
Feed Sack (73 pcs @ P8/pc)	P584.00
Total Sales	P207,934.00
Projected Expenses	
100 heads (RTL) @ P400/head	P40,000.00
Feeds (100g/day x 100 heads x 365 days=3,650 kgs/year @P27/kg)	P98,550.00
Housing (100 heads @P200/head=P20,000 good for 5 yrs=P4,000/yr)	P4,000.00
Vaccines and medicines (@P500/yr)	P500.00
Total Cost	P143,000.00
Annual Net Income	**P 64,884.00**

Return on Investment (ROI)

Formula: ROI = Net Income/Initial Investment x 100

ROI= P64,884.00/P143,000.00 x 100

ROI = 45.37%

Farm Inputs/Expense Items for 3 female, 1 male FRC

Items	Unit	Quantity	Cost	Total
Ready-to-lay FRC	head	4	P400	P1,600.00
Feeds	kg	146	P27	P3,942.00
Chick booster	kg	7	P72	P504.00
Housing	year	1	P1,200	P1,200.00
Incubator rent	pc	547	P10	P5,470
Vaccines and medicines	year	1	P500	P500.00
Total Expenses				**P13,214.00**

Projected Sales

Items	Unit	Quantity	Selling Price	Total
Culls FRC	kgs	8	200	P1,600.00
FRC Eggs	pc	547	7	3,829.00
FRC Chicks	heads	441	60	26,460.00
Feeds Sacks	pc	3	8	24.00
Total Expenses				P31,913.00

* Assumptions:

1. Egg production rate was computed at 100% per day (3 heads x 100%=3pcs/day x 365 days= 1095 eggs)
2. 50% of produced eggs will be sold as fresh eggs while the remaining 50% will be hatched to produce chicks(1095 eggs x 50%= 547 eggs each)
3. Hatching rate is at 85% (547 eggs x 85%= 441 chicks)
4. Estimated weight of culls is 2kg/h

***Sample Costing Computation*:** Free-Range Chicken Production Project Annual Income Statement	
Projected Sales	
FRC Culls	P1600.00
FRC Eggs	P3,829.00
FRC Chicks	P26,460.00
Feed Sack	P24.00
Total Sales	P 31,214.00
Projected Expenses	
4 heads FRC	P1,600.00
Feeds	P3,942.00
Chick booster	P504
Housing	P1,200.00
Incubator rent	P5,470.00
Vaccines and medicines	P500.00
Total Cost	P 13,214.00
Annual Net Income	**P 18,000.00**

Return on Investment (ROI)

Formula: ROI = Net Income/Initial Investment x 100

ROI = P 18,000.00/13,214.00 x 100

ROI = 1.36%