

Cash Flow for 50,000 Birds Broiler Farming

Cycles per Year	6		
Mortality Rate	5% per annum		
Feed Conversion ratio (FCR)	1.9		
Finishing Weight of Bird	1.8 kg		
Selling Price	2.70 / kg		
DOC Price	0.85 / chick	Cost of	
Feed Cost	2.80 / bird / Cycle	Feed	0.82 / kg
Labour Cost	0.14 / bird / Cycle		
Bird Catching Cost	0.028 / bird		
Drugs & Medicines	0.15 / bird		
Utilities Cost	0.03 / bird		
Transportation	0.19 / bird		
Revenue from Waste	4000 / Cycle		
Total number of Birds per Cycle	50,000		

CASH FLOW

	Year 0	Year 1	Year 2	Year 3	Year 4	Year 5
Revenue						
a) Live Bird Sales	0	1,385,100	1,385,100	1,385,100	1,385,100	1,385,100
b) Sale of Waste	0	24,000	24,000	24,000	24,000	24,000
Total Revenue	0	1,409,100	1,409,100	1,409,100	1,409,100	1,409,100
Investment						
B.1. Capital Cost						
a) Broiler House	400,000					
b) Equipment	30,000					
Total	430,000					
Operational Cost (V1)						
a) DOC Purchase		255,000	255,000	255,000	255,000	255,000
b) Bird Feeds		841,320	841,320	841,320	841,320	841,320
c) Medication & Vaccines		45,000	45,000	45,000	45,000	45,000
d) Transport Rentals		57,000	57,000	57,000	57,000	57,000
Operational Cost (V2)						
e) Wages		42,000	42,000	42,000	42,000	42,000
f) Utilities (water & electricity)		7,500	7,500	7,500	7,500	7,500
g) Contingencies (@5%)		21,500	21,500	21,500	21,500	21,500
e) Bird Catching Cost		8,400	8,400	8,400	8,400	8,400
Total		1,277,720	1,277,720	1,277,720	1,277,720	1,277,720
TOTAL COST	430,000	1,277,720	1,277,720	1,277,720	1,277,720	1,277,720
C. Surplus / Deficit	(430,000)	131,380	131,380	131,380	131,380	131,380
Cummulative Surplus / Deficit	(430,000)	(298,620)	(167,240)	(35,860)	95,520	226,900
D. FINANCING						
D.2. Loan (80%) RM344,000	344,000	0	0	0	0	0
E. Balance at Year End:	(86,000)	131,380	131,380	131,380	131,380	131,380
Loan Repayment		77,272	77,272	77,272	77,272	77,272
Total Cost Including Loan Repayment	0	1,354,992	1,354,992	1,354,992	1,354,992	1,354,992
G. Surplus / Deficit	(86,000)	54,108	54,108	54,108	54,108	54,108
Cummulative Surplus / Deficit	(86,000)	(31,892)	22,217	76,325	130,433	184,541
I. FINANCIAL EVALUATION						
		W/O Loan	W / Loan			
NPV		9,049	82,939			
IRR		Err:523	56%			
BCR		0.99	1.04			
Pay-Back Period		4.4	4.3			