

## ECONOMICS OF BROILER UNIT WITH AN OTRUN OF 3,000 BROILERS

### INTRODUCTION

The scheme is envisaged for an outrun of 3,000 broilers. The day old chicks will be reared for 30-35 days and then disposed off for marketing with a requisite weight gain and minimum gap of one week is allowed for cleaning and disinfection of the shed and equipments to make it ready for subsequent hatches.

From the month of January to ending February (operational pause) the rearing will be stopped owing to cold temperature. However, general cleaning, disinfection of sheds, equipments should be undertaken.

### ECONOMIC ANALYSIS

S. no.	CAPITAL COST	Rs (in lacs)
1.	Land (to be provided by owner)	Nil
2.	Construction cost of single storey shed, providing 3,000 sq. ft. floor space to house a batch of 3,000 broilers @ Rs. 200*per sq. ft.	6.0
3.	Construction cost of store room for feed/equipment 12x12 sq. ft. = 144 sq. ft. (@ Rs 200* per sq. ft.)	0.28
4.	Construction cost of office block 10x10 sq. ft. = 100 sq. ft (@ Rs 250* per sq. ft.)	0.25
5.	Construction cost of Labour quarters 8x20 sq. ft. = 160 sq. ft (@ Rs 250* per sq. ft.)	0.40
6.	Cost of Equipments for 3000 birds @ Rs 10 per bird	0.30
	<b>TOTAL</b>	<b>7.23</b>
	<b>OPERATIONAL COSTS</b>	
1.	Cost of 3000 DOC @ Rs 25* per chick	0.75
2.	Feed for 3000 birds @ 2.5 kg per bird = 7500 kgs @ Rs 15* per kg	1.12
3.	Misc. expenditure on medicines etc. (labour, saw dust, electricity, water) @ Rs 6 per bird	0.18
4.	<b>TOTAL</b>	<b>2.05</b>
	<b>GRAND TOTAL</b>	<b>9.28</b>

**GROSS RETURNS/CROP**

<b>S.no</b>	<b>Particulars</b>	<b>Rs (in lacs)</b>
1.	By sale of 2850 broilers (5% mortality margin) after 35 days , each weight about 1.25 kgs = 3562.50 Kg's @ Rs. 65*per kg (Avg. Cost)	2.32
2.	By sale of empty Gunny bags and manure	0.13
3.	<b><u>TOTAL</u></b>	<b>2.45</b>

**TECHNO-ECONOMICS ANALYSIS FOR ONE YEAR**

<b>S.,no</b>	<b>Particulars</b>	<b>Rs (in lacs)</b>
1.	Gross returns for 1 year from 10 crops = 2.45 x 10	24.50
2.	Investment for purchase of 750 qtls. feed @ Rs 1500* per qtl.	11.25
3.	30000 D.O.Cs @ Rs 25* per chick	7.50
4.	Miscellaneous expenditures	1.80
5.	<b><u>Net returns/Annum</u></b>	<b>3.95</b>

**TECHNO-ECONOMICS ANALYSIS WITHOUT LOAN**

<b>S.no</b>	<b>Annual Deductions</b>	<b>Rs. (in lacs)</b>
1.	Depreciation of building and equipments	0.37
2.	<b><u>NET SAVING (Rs 3.95-0.37)</u></b>	<b><u>3.58</u></b>

\* Subject to variations

For up-to-date analysis and explanation of the particulars please contact the Poultry Development Officer of your district.