

Candidate Name : Jonathan M. Cutting

Teacher : Ms. B. Abraham

Territory : Georgetown, Guyana

Centre Number :

Name of Project : Production of Broilers

Location : Sophia Practical Instruction center

Duration : 7 Weeks

Description of Activity : Cleaning and disinfection of the pen

Preparation the brooder

Provision of feed and waterers

Area extension

Litter management

Calculation of FCR

Daily routine practices

Disease treatment

Slaughtering and dressing

Marketing

Calculation of profit/loss

### Materials And Equipment

Detergent, broom, zinc, bulbs, shavings, hose, chickens, feed,

Schedule of operations :

|  |
| --- |
| Week |
| 1 |
| 2 |
| 3 |
| 4 |
| 5 |
| 6 |
| 7 |

### Projected Income

Number of birds 243

Mortality 5%

Average Weight 5.5lbs

Price $300

Total $381150

Projected Expenditure :

256 Baby Chicks @$150 $38,400

12 bags broiler Starter $6200 $74400

30 bags broilers grower $6100 $183000

30 bags wood shavings $200 $6000

2pks Cotrim@$600 $1200

2pks Doxin@$700 $1400

2pks vitilite@$500 $1000

1Gal Jeyes fluid $4060

4- 100w bulbs@$160 $640

250 plastic bags@$10 $2500

Labour cost@$100 per hour $9800

Transportation $5000

Miscellaneous $5000

Total $284200

Projected Surplus :

Projected income $381150

-Projected expenditure -$284200

Profit/Shortfall $96950

Actual Income

No of birds 231

Weight 5.5 kg

Price $360

Total $457,380

Actual Expenditure

243 baby chicks@$160 $38880

12 bag starter@$6200 $74400

26 bags grower@$6100 $158600

30 bags wood shaving@$100 $3000

1 gal jays fluid $4060

Transportation $3000

3 packet plastic bag $1320

Total $283,260

Actual Surplus

Actual income $457,380

Actual expenditure -$283,260

Profit/Shortfall $174,120

### Analysis

The projected and actual incomes were $381150 and 457380 respectively. This was so because the demand for broiler birds increased in the market and the prices grew.

The projected and actual expenditures were $284200 and $283260.This was so because there were more items were catered for in the projected than the actual.

The projected and actual surpluses were$96950 and $174120 respectively. This was so because various factors listed influenced the actual income and expenditures.

### General Comments

### Conclusion

In conlusion, it was learnt that in order for broiler production to be successful, a constant amount of feed, water and heat should be provided.

### Recommendations

It could be recommended that:

* The amount of feed provided should be increased to improve growth.
* The equipment should be improved.
* The space given for the birds to inhabit in the brooder to be increased so that breathing is better.
* The labor force should be increased.
* The sanitation should be improved to prevent diseases.