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**GROWTH PERFORMANCE OF BROILER AS AFFECTED  
BY REJECT PAPAYA FRUIT MEAL  
SUPPLEMENTATION**

**RESEARCH STUDY  
APPLIED RESEARCH IV**

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**DON SEVERINO AGRICULTURAL COLLEGE**

*Indang, Cavite*

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513



**GROWTH PERFORMANCE OF BROILER AS AFFECTED  
BY REJECT PAPAYA FRUIT MEAL  
SUPPLEMENTATION**

A Research Study

Submitted to the Faculty of the  
Laboratory School, School of Education  
Don Severino Agricultural College  
Indang, Cavite

In partial fulfillment  
of the requirements in  
Applied Research IV

by

**EDWIN ROMEROSO ARBOLEDA**

March 1995



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*Growth performance of broiler as affected  
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## A B S T R A C T

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Adviser: Prof. Eraño Esguerra

This study was conducted at Lumampong, Indang, Cavite from May 5, 1994 to July 5, 1994 to determine the effects of reject papaya fruit meal supplementation on the growth performance of broilers and to find out what level of supplementation was suitable.

Five treatment groups were used having levels of supplementation as follows: T0 - Control (pure commercial feeds; T1 - 5% papaya meal supplement + 95% commercial feeds; T2 - 10% papaya meal supplement + 90% commercial feeds; T3 - 15% papaya meal supplement + 85% commercial feeds. T4 - 20% papaya meal supplement + 80% commercial feeds.

The result revealed that the best level of supplementation was 20% papaya meal supplement + 80% commercial feeds. This treatment improved the growth of birds in terms of final weight and gain in weight, just like the treatment groups fed with 15% papaya meal supplement, 10% papaya meal supplement, and 5% papaya meal. However, there was no significant difference among



TABLE OF CONTENTS

treatment groups in terms of feed conversion efficiency. There was highly significant difference among treatment groups in terms of feed consumption. This supplement has no effect on toxicity. The poorest result however, was obtained in the control which are fed with pure commercial feeds.

LIST OF SYMBOLS	xi
LIST OF ABBREVIATIONS	xiv
LIST OF PLATES	xv
INTRODUCTION	1
Importance of the Study	1
Statement of the Problem	1
Objectives of the Study	1
Time and Place of the Study	4
REVIEW OF RELATED LITERATURE	5
MATERIALS AND METHODS	9
Materials	9
Methods	9
Experimental Design and Treatment	9
Preparation of Papaya Seed	10
Caring of Birds	10
Feeding	10
Handling the Flock	11
Dust and Disease Control	11



## TABLE OF CONTENTS

	Page
BIOGRAPHICAL DATA . . . . .	iii
ACKNOWLEDGMENT . . . . .	iv
ABSTRACT . . . . .	v
LIST OF TABLES . . . . .	xii
LIST OF FIGURES . . . . .	xiii
LIST OF APPENDICES . . . . .	xiv
LIST OF PLATES . . . . .	xv
INTRODUCTION . . . . .	1
Importance of the Study . . . . .	1
Statement of the Problem . . . . .	3
Objectives of the Study . . . . .	4
Time and Place of the Study . . . . .	4
REVIEW OF RELATED LITERATURE . . . . .	5
MATERIALS AND METHODS . . . . .	9
Materials . . . . .	9
Methods . . . . .	9
Experimental Design and Treatment . . . . .	9
Preparation of Papaya Meal . . . . .	10
Caring of Birds . . . . .	10
Feeding . . . . .	10
Housing the Flock . . . . .	11
Pest and Disease Control . . . . .	11



	Page
Gathering of Data . . . . .	12
Statistical Analysis . . . . .	12
DISCUSSION OF RESULTS. . . . .	14
Initial Body Weight . . . . .	14
Average Final Weight . . . . .	17
Average Gain in Weight . . . . .	20
Average Feed Conversion Efficiency . . . . .	26
Cost and Return Analysis . . . . .	28
Sensory Evaluation . . . . .	29
SUMMARY, CONCLUSION, AND RECOMMENDATION . . . . .	35
Summary . . . . .	35
Conclusion . . . . .	36
Recommendation . . . . .	37
LITERATURE CITED . . . . .	38
APPENDICES . . . . .	39
PLATES . . . . .	47



## LIST OF TABLES

Table		Page
1	Initial Weight of Broiler (in gram) . . .	15
1a	Analysis of Variance . . . . .	15
2	Final Weight of Birds (in gram) . . .	18
2a	Analysis of Variance . . . . .	18
3	Average Gain in Weight of Birds (in grams) . . . . .	21
3a	Analysis of Variance . . . . .	21
4	Average Feed Consumption of Broilers After Eight Weeks (in grams) . . . . .	24
5	Feed Conversion Efficiency . . . . .	27
5a	Analysis of Variance . . . . .	27
6	Cost and Return Analysis . . . . .	28
7	Tabulated Sample Sheet on Sensory Evaluation of Broiler in Tenderness . . . . .	30
8	Tabulated Sample Sheets on Sensory Evaluation of Broiler in Flavor . .	31
9	Tabulated Sample Sheets on Sensory Evaluation of Broiler in Juiciness .	32
10	ANOVA on Sensory Analysis of Juiciness of Five Treatments Samples . . . . .	33
11	ANOVA on Sensory Analysis of Tenderness of Five Treatments Samples . . . . .	33
12	ANOVA on Sensory Analysis of Flavor of Five Treatments Samples . . . . .	34



## LIST OF FIGURES

Figure		Page
1	Initial Weight of Broiler . . . . .	16
2	Average Final Weight . . . . .	19
3	Average Gain in Weight of Broiler . . . . .	22
4	Average Feed Consumption of Broiler . . . . .	25



## LIST OF APPENDICES

Appendix		Page
A	Laboratory Analysis of Dried Papaya Fruit . . . . .	40
B	Cost and Return Analysis Per Bird . . . . .	41
	Treatment 0 . . . . .	42
	Treatment 1 . . . . .	43
	Treatment 2 . . . . .	44
	Treatment 3 . . . . .	45
	Treatment 4 . . . . .	46
	Sample Birds from T <sub>0</sub> . . . . .	47
	Sample Birds from T <sub>1</sub> . . . . .	48
	Sample Birds from T <sub>2</sub> . . . . .	49
	Sample Birds from T <sub>3</sub> . . . . .	50
	Sample Birds from T <sub>4</sub> . . . . .	51



## LIST OF PLATES

Plate		Page
1	General View of the Experiment . . . .	48
2	Weighing the Weekly Body Weight of Birds . . . . .	49
3	The Research Title . . . . .	50
4	Mixing the Appropriate Amount of Papaya Meal Supplementation with Commercial Feeds . . . . .	51
5	Different Treatments According to Levels of Supplementation . . . .	52
6	Weighing the Final Body Weight of Birds . . . . .	53
7	Sample Birds from $T_0$ . . . . .	54
8	Sample Birds from $T_1$ . . . . .	55
9	Sample Birds from $T_2$ . . . . .	56
10	Sample Birds from $T_3$ . . . . .	57
11	Sample Birds from $T_4$ . . . . .	58



# LIST OF PLATES

Plate		Page
1	General View of the Experiment . . . .	48
2	Weighing the Weekly Body Weight of Birds . . . . .	49
3	The Research Title . . . . .	50
4	Mixing the Appropriate Amount of Papaya Meal Supplementation with Commercial Feeds . . . . .	51
5	Different Treatments According to Levels of Supplementation . . . . .	52
6	Weighing the Final Body Weight of Birds . . . . .	53
7	Sample Birds from T <sub>0</sub> . . . . .	54
8	Sample Birds from T <sub>1</sub> . . . . .	55
9	Sample Birds from T <sub>2</sub> . . . . .	56
10	Sample Birds from T <sub>3</sub> . . . . .	57
11	Sample Birds from T <sub>4</sub> . . . . .	58



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**INTRODUCTION**

**Importance of the Study**

Broiler is the term used to describe a young bird of either sex with the age of seven to twelve weeks which has tender meat, soft, smooth, and pliable skin, and has flexible breast bone cartilage.

Broiler raising is more than a promising industry, because the return on broiler investment is faster. It can be made as the main source of income because it requires minimal investment, yet the profit is high.