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# EFFECT OF DIFFERENT FEEDING TREATMENTS ON SOME BLOOD PARAMETERS IN MALE BUFFALO CALVES

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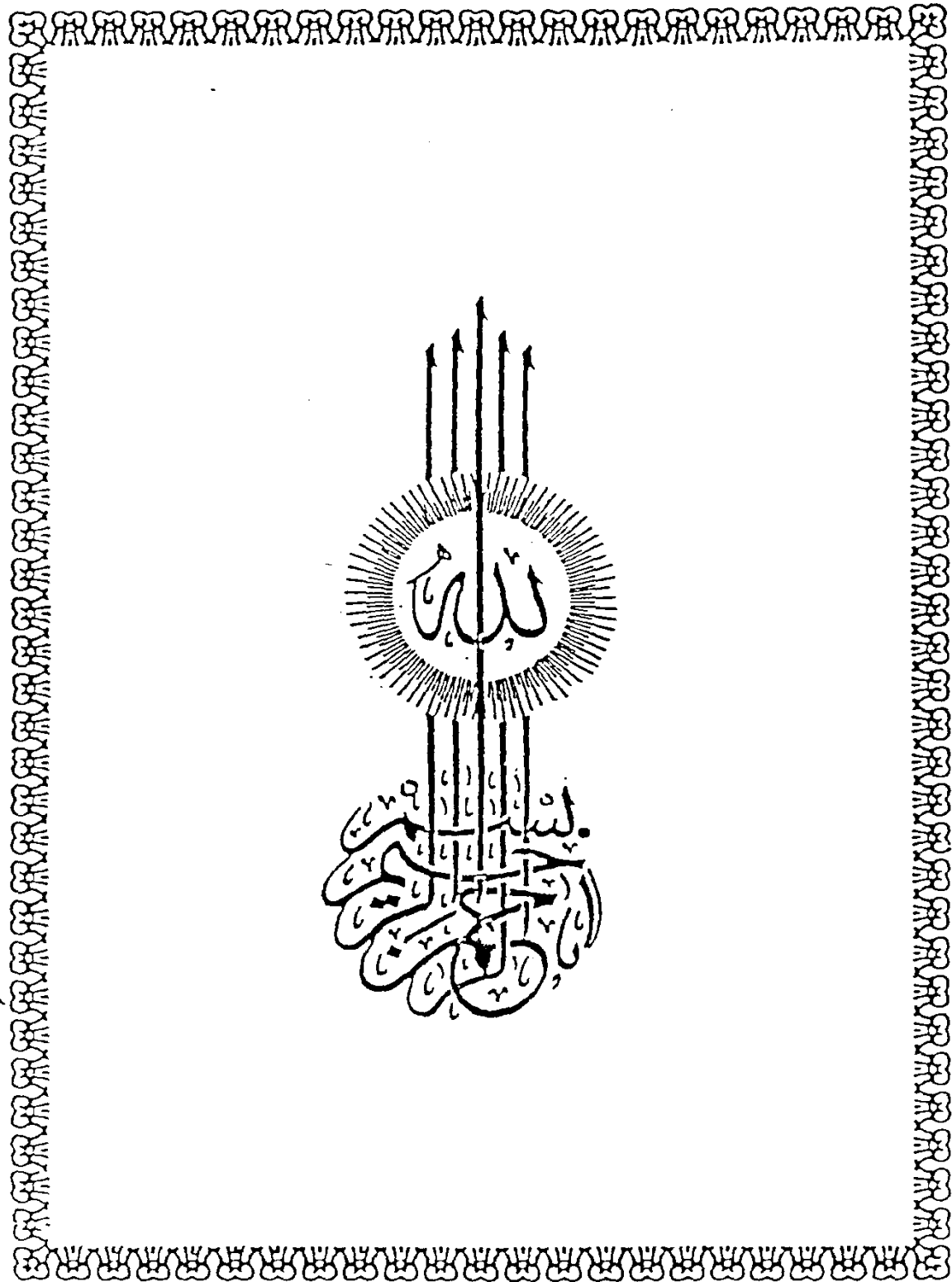
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## DEDICATION

- To the memory of my beloved parent
- To my wife and my lovely kids.

## TABLE OF CONTENTS

CHAPTER		PAGE
I	INTRODUCTION .....	1
II	REVIEW OF LITERATURE .....	3
	A- Nutritional Sources of Variation in Blood	
	Composition .....	3
	1- Protein in diet .....	3
	2- Energy in diet .....	6
	B- Physiological Sources of Variation in Blood	
	Composition .....	10
	1- Season .....	10
	2- Age .....	25
	3- Fertility and infertility .....	49
	C- Lactic Acid Production and Utilization by the Ruminant and the Role of Lactobacilli...	58
III	MATERIALS AND METHODS .....	64
	A- Animals, Feed and Management .....	64
	B- Blood Sampling .....	66
	C- Determination of Serum Proteins .....	66
	1- Serum total protein .....	66
	2- Serum albumin .....	68
	3- Albumin/Globulin ratio .....	69
	D- Determination of Serum Total Lipids .....	70
	E- Determination of Serum Triglyceride .....	71
	F- Determination of Serum Cholesterol .....	75
	G- Determination of Serum Alkaline Phosphatase Activity .....	76
	H- Determination of Serum Transaminases Activity .....	79
	I- Determination of Serum Total Thyroxine .....	82

CHAPTER	PAGE
J- Determination of Serum Total Triiodo- thyronine .....	87
K- Calculation of Thyroxine/Triiodothyronine ( $T_4/T_3$ ) ratio .....	90
L- Determination of Serum Testosterone .....	90
M- Statistical Analysis .....	94
IV RESULTS .....	95
V DISCUSSION .....	154
VI SUMMARY .....	169
VII REFERENCES .....	172
ARABIC SUMMARY	



## LIST OF TABLES

TABLE		PAGE
1	The chemical composition of the ration .....	65
2	Total body weight in male buffalo calves at various time intervals after LBC supplementation.	96
3	Average daily gain in male buffalo calves at various time intervals after LBC supplementation.	97
4	Summary of two-way analysis of variance for testing the significant of difference between the mean values of the various treatment groups for each of total body weight and average daily gain .....	98
5	Serum total proteins in male buffalo calves at various time intervals after LBC supplementation	102
6	Serum albumin in male buffalo calves at various time intervals after LBC supplementation .....	103
7	Serum globulin in male buffalo calves at various time intervals after LBC supplementation .....	104
8	Serum albumin/globulin ratio in male buffalo calves at various time intervals after LBC supplementation .....	105
9	Summary of two-way analysis of variance for testing the significance of difference between the mean values of the various treatment groups for each of serum total protein, albumin, globulin and A/G ratio .....	108
10	Summary of multiple range "t" test for testing the significance of differences between each two mean values of the different intervals for serum albumin .....	110
11	Summary of multiple range "t" test for testing the significance of differences between each two mean values of the different intervals for serum globulin .....	111

TABLE	PAGE
12	Summary of multiple range "t" test for testing the significance of difference between the mean values of the three groups for A/G ratio ..... 112
13	Serum total lipids in male buffalo calves at various time intervals after LBC supplementation ..... 115
14	Serum triglycerides in male buffalo calves at various time intervals after LBC supplementation ..... 117
15	Serum total cholesterol in male buffalo calves at various time intervals after LBC supplementation ..... 119
16	Summary of two-way analysis of variance for testing the significance of difference between the mean values of the various treatment groups for each of serum total lipids, triglycerides and cholesterol ..... 122
17	Summary of multiple range "t" test for testing the significance of difference between the mean values of the three groups for serum total lipids ..... 124
18	Summary of multiple range "t" test for testing the significance of differences between each two mean values of the different intervals for serum total lipids ..... 125
19	Serum alkaline phosphatase activity in male buffalo calves at various time intervals after LBC supplementation ..... 127 ~
20	Serum SGOT activity in male buffalo calves at various time intervals after LBC supplementation. 130
21	Serum SGPT activity in male buffalo calves at various time intervals after LBC supplementation. 131

TABLE

PAGE

22	Summary of two-way analysis of variance for testing the significance of difference between the mean values of the various treatment groups for each of serum GOT, GPT and alkaline phosphatase .....	134
23	Summary of multiple range "t" test for testing the significance of difference between the mean values of the three groups for alkaline phosphatase .....	135
24	Summary of multiple range "t" test for testing the significance of differences between each two mean values of the different intervals for serum alkaline phosphatase .....	136
25	Summary of multiple range "t" test for testing the significance of differences between the mean values of the three groups for serum GPT .....	137
26	Serum total thyroxine in male buffalo calves at various time intervals after LBC supplementation.	140
27	Serum triiodothyronine in male buffalo calves at various time intervals after LBC supplementation.	141
28	Serum $T_4/T_3$ ratio in male buffalo calves at various time intervals after LBC supplementation.	142
29	Summary of two-way analysis of variance for testing the significance of difference between the mean values of the various treatment groups for each of total thyroxine, triiodothyronine and $T_4/T_3$ ratio .....	145
30	Summary of multiple range "t" test for testing the significance between the mean values of the three groups for serum $T_3$ .....	146

TABLE

PAGE

31	Summary of multiple range "t" test for testing the significance of difference between the mean values of the three groups for serum $T_4/T_3$ ratio .....	147
32	Serum testosterone in male buffalo calves at various time intervals after LBC supplementation.	151
33	Summary of two-way analysis of variance for testing the significance of difference between the mean values of the various treatment groups for serum testosterone .....	152
34	Summary of multiple range "t" test for testing the significance of difference between the mean values of the three groups for serum testosterone.	153

## LIST OF FIGURES

FIGURE		PAGE
1	Serum level of each of total protein, albumin, globulin and A/G ratio at various time intervals after LBC supplementation .....	106
2	Difference percentage between initial and final mean values for serum total protein, albumin, globulin and A/G ratio .....	107
3	Significant interaction between interval and treatment for serum levels of total proteins.....	109
4	Serum levels of each of total lipids, triglycerides and cholesterol at various time intervals after LBC supplementation .....	110
5	Difference percentage between initial and final mean values for serum total lipids, triglycerides and cholesterol .....	121
6	Significant interaction between interval and treatment for serum cholesterol .....	123
7	Serum alkaline phosphatase, GOT, and GPT activities at various time intervals after LBC supplementation .....	132
8	Difference percentage between initial and final mean values for serum GOT, GPT and alkaline phosphatase activities .....	133
9	Serum levels of each of thyroxine ( $T_4$ ) triiodo-thyronine ( $T_3$ ) and $T_4/T_3$ ratio at various time intervals after LBC supplementation .....	143
10	Overall mean values of $T_3$ and $T_4/T_3$ ratio of the various treatment groups .....	144

# Introduction

## CHAPTER I

### INTRODUCTION

There is a worldwide increase in the demand for meat in the diet. This increase is related not only to the increase in the world population but also to an increase in per capita demand for animal products specially Red meat (Cunha, 1982).

Therefore, the attention of various governmental authorities and scientists are focused on increasing animal protein production, quantitatively and qualitatively.

One of main research goals for meat production from growing animals is to minimize death rate resulted from various diseases such as diarrhoea and scouring which are the most causes for death especially for newborn calves (EL-Bassiony, 1983).

Treatment with antibiotics although beneficial, is expensive and its long use might affect animal growth and production.

Supporting evidence indicated that the use of lactobacillus concentrate prevents scouring and diarrhoea (EL-Garhy, 1982) due to its major function in producing lactic acid in the rumen with acidic pH and end result. This acidic media is unsuitable for the normal growth of the bacteria which causes diarrhoea.

This is in addition to the use of lactobacillus concentrates in promoting growth in poultry (Fortuero, 1973) and in some growing farm animals (Hollmann et al. 1980).

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