

**EFFECT OF RUMEN-PROTECTED AMINO ACIDS
SUPPLEMENTATION TO THE DIETS ON DAIRY
ANIMALS PERFORMANCE**

BY

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B.Sc. Agric. Sc. (Animal Production), Cairo University, 1991

M.Sc. Agric. Sc. (Animal Nutrition), Ain Shams University, 1999

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LIST OF ABBREVIATIONS

AA	Amino acids
CF	crude fiber
CFM	concentrate feed mixture
CP	crude protein
DM	dry matter
DMI	dry matter intake
DSA	Dairy science abstract
EE	ether extract
FCM	fat corrected milk
GOT	glutamic oxaloacetic transaminase
GPT	glutamic pyruvic transaminase
Ly	protected lysine
Me	Smartamine TM M (protected methionine)
NCN	non casein nitrogen
NFE	nitrogen free extract
NPN	non protein nitrogen
SNF	solids not fat
TN	total nitrogen
TS	total solids
TVFA'S	total volatile fatty acids

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CONTENTS

	Page
I. INTRODUCTION.....	1
II. REVIEW OF LITERATURE	3
1. Effect of rumen protected amino acids supplementation on feed intake and nutrient digestibility	3
2. Effect of rumen protected amino acids supplementation on rumen liquor parameters	6
3. Effect of rumen protected amino acids supplementation on milk yield and composition	8
4. Effect of rumen protected amino acids supplementation on blood parameters	20
III. MATERIAL AND METHODS	25
1. Material of study	25
2. The first experiment (on goats)	25
2.1. Experimental rations	25
2.2. Animals management	26
2.3. Feces collection	27
2.4. Sampling of rumen liquor	27
3. The second experiment (on lactating buffaloes).....	27
3.1. Experimental animals	27
3.2. Experimental rations	28
3.3. Management	28
3.4. Sampling of milk	29
3.5. Sampling of blood	29
4. Methods of analysis	29
4.1. Feedstuffs and feces analysis	29
4.2. Rumen fluid analysis	30
4.2.1. Rumen pH	30
4.2.2. Total volatile fatty acids (TVFA's)	30
4.2.3. Total nitrogen and non-protein nitrogen	30

	Page
4.2.4. Ammonia-nitrogen concentration	30
4.3. Milk analysis	30
4.3.1. Titratable acidity and pH	30
4.3.2. Total solids content	30
4.3.3. Fat content	30
4.3.4. Fat corrected milk (FCM)	30
4.3.5. Solids not fat content.....	31
4.3.6. Total proteins content	31
4.3.7. Non-casein-nitrogen (NCN)	31
4.3.8. Casein content	31
4.3.9. Non-protein-nitrogen (NPN).....	31
4.3.10. Whey protein content	31
4.3.11. Lactose content	31
4.3.12. Ash content	31
4.4. Blood serum analysis	31
4.4.1. Total proteins	31
4.4.2. Serum albumin	32
4.4.3. Serum globulin	32
4.4.4. Albumin: Globulin ratio (A/G ratio).....	32
4.4.5. Serum urea	32
4.4.6. Serum creatinine	32
4.4.7. Serum transaminases	32
4.4.8. Serum glucose	32
4.4.9. Serum total lipids	32
5. Statistical analysis	32
IV. RESULTS AND DISCUSSION	34
1. The first experiment (on goats)	34
1.1. Effect of treatments on feed intake and nutrients digestibility	34
1.2. Effect of treatments on rumen parameters	37
1.2.1. Rumen liquor pH	37

	Page
1.2.2. Rumen liquor total volatile fatty acids	38
1.2.3. Rumen liquor total nitrogen	41
1.2.4. Rumen liquor non-protein-nitrogen (NPN)	42
1.2.5. Rumen liquor true protein nitrogen	46
1.2.6. Rumen liquor ammonia nitrogen	49
2. The second experiment (on lactating buffaloes) ...	56
2.1. Effect of treatments on milk yield and composition ...	56
2.1.1. Milk yield	56
2.1.2. Fat corrected milk yield (4% FCM)	59
2.1.3. Milk fat	60
2.1.4. Milk total solids	63
2.1.5. Milk solids not fat	67
2.1.6. Milk total proteins	70
2.1.7. Milk casein	74
2.1.8. Milk whey protein	77
2.1.9. Milk non protein nitrogen	81
2.1.10. Milk lactose	84
2.1.11. Milk ash	87
2.1.12. Milk pH value and acidity	88
2.2. Effect of treatments on some blood serum parameters	91
2.2.1. Serum total proteins	91
2.2.2. Serum albumin	96
2.2.3. Serum globulin	99
2.2.4. Serum albumin: globulin (A/G ratio)	102
2.2.5. Serum urea	102
2.2.6. Serum creatinine	105
2.2.7. Serum glutamic-oxaloacetate transaminase (GOT) ...	106
2.2.8. Serum glutamic-pyruvate- transaminase (GPT)	107
2.2.9. Serum glucose	110
2.2.10. Serum total lipids	114
V. SUMMARY AND CONCLUSIONS	116
VI. REFERENCES	121
APPENDICES	135
ARABIC SUMMARY	

LIST OF TABLES

Table		Page
1	Chemical composition of concentrate feed mixture (CFM), berseem (B), rice straw (RS), samartamine TM M (Me) and protected lysine (Ly) (% Dry matter basis)	26
2	Effect of rumen protected AA supplements on dry matter intake (DMI) and nutrient digestibilities of goats	35
3	Effect of rumen protected AA supplements on ruminal pH of male goats.	39
4	Effect of rumen protected AA supplements on ruminal TVFA's (m-eq/100ml) of male goats.....	39
5	Effect of rumen protected AA supplements on ruminal total nitrogen (mg/100ml) of male goats.	43
6	Effect of rumen protected AA supplements on ruminal non-protein-nitrogen (mg/100ml) of male goats.....	43
7	Effect of rumen protected AA supplements on ruminal NPN as % of TN of male goats.....	47
8	Effect of rumen protected AA supplements on ruminal true protein nitrogen (mg/100ml) of male goats.....	47
9	Effect of rumen protected AA supplements on ruminal true protein nitrogen as % of TN, of male goats.....	50
10	Effect of rumen protected AA supplements on ruminal ammonia-N (mg/100ml) of male goats	50
11	Effect of rumen protected AA supplements on ruminal ammonia-N as % of TN, of male goats.....	53
12	Effect of rumen protected AA supplements on ruminal ammonia-N as % of NPN, of male goats.....	53
13	Effect of rumen protected AA supplements on over mean of some rumen parameters of goats.....	55
14	Effect of rumen protected AA supplements on average milk yield (Kg/h/d) of lactating buffaloes.....	57

Table		Page
15	Effect of rumen protected AA supplements on average 4% fat corrected milk yield (Kg/h/d) of lactating buffaloes	57
16	Effect of rumen protected AA supplements on average milk fat content (%) of lactating buffaloes	61
17	Effect of rumen protected AA supplements on average milk fat yield (g/h/d) of lactating buffaloes	61
18	Effect of rumen protected AA supplements on average milk total solids content (%) of lactating buffaloes.....	65
19	Effect of rumen protected AA supplements on average milk total solids yield (g/h/d) of lactating buffaloes	65
20	Effect of rumen protected AA supplements on average milk solids-not-fat content (%) of lactating buffaloes.....	68
21	Effect of rumen protected AA supplements on average milk solids-not-fat yield (g/h/d) of lactating buffaloes	68
22	Effect of rumen protected AA supplements on average milk total proteins content (%) of lactating buffaloes.....	71
23	Effect of rumen protected AA supplements on average milk total proteins yield (g/h/d) of lactating buffaloes	71
24	Effect of rumen protected AA supplements on average milk casein content (%) of lactating buffaloes	75
25	Effect of rumen protected AA supplements on average milk casein yield (g/h/d) of lactating buffaloes	75
26	Effect of rumen protected AA supplements on average milk whey protein content (%) of lactating buffaloes	78
27	Effect of rumen protected AA supplements on average milk whey protein yield (g/h/d) of lactating buffaloes	78

Table	Page
28 Effect of rumen protected AA supplements on average milk non-protein- nitrogen content (%) of lactating buffaloes....	82
29 Effect of rumen protected AA supplements on average milk non-protein-nitrogen yield (g/h/d) of lactating buffaloes.....	82
30 Effect of rumen protected AA supplements on average milk lactose content (%) of lactating buffaloes	85
31 Effect of rumen protected AA supplements on average milk lactose yield (g/h/d) of lactating buffaloes.....	85
32 Effect of rumen protected AA supplements on average milk ash content (%) of lactating buffaloes.....	89
33 Effect of rumen protected AA supplements on average milk ash yield (g/h/d) of lactating buffaloes.....	89
34 Effect of rumen protected AA supplements on average milk pH value of lactating buffaloes	92
35 Effect of rumen protected AA supplements on average milk acidity of lactating buffaloes.....	92
36 Effect of rumen protected AA supplements on overall mean of milk yield and composition of lactating buffaloes.....	94
37 Effect of rumen protected AA supplements on overall mean of milk component yield (g/day) of lactating buffaloes	95
38 Effect of rumen protected AA supplements on average blood serum total proteins (g/100ml) of lactating buffaloes	97
39 Effect of rumen protected AA supplements on average blood serum albumin (g/100ml) of lactating buffaloes.....	97
40 Effect of rumen protected AA supplements on average blood serum globulin (g/100ml) of lactating buffaloes.....	100

VII

Table	Page
41 Effect of rumen protected AA supplements on average blood serum albumin/ globulin ratio of lactating buffaloes....	100
42 Effect of rumen protected AA supplements on average blood serum urea (mg/ 100ml) of lactating buffaloes	102
43 Effect of rumen protected AA supplements on average blood serum creatinine (mg/100ml) of lactating buffaloes ...	102
44 Effect of rumen protected AA supplements on average blood serum GOT (units / liter) of lactating buffaloes	108
45 Effect of rumen protected AA supplements on average blood serum GPT (units/ liter) of lactating buffaloes	108
46 Effect of rumen protected AA supplements on average blood serum glucose (mg/100ml) of lactating buffaloes.....	111
47 Effect of rumen protected AA supplements on average blood serum total lipids (mg/100ml) of lactating buffaloes.	111
48 Effect of rumen protected AA supplements on overall mean of some blood serum parameters of lactating buffaloes.....	115

LIST OF FIGURES

Figure		Page
1	Effect of rumen protected AA supplements on nutrient digestibility coefficients	36
2	Effect of rumen protected AA supplements on ruminal pH of male goats	40
3	Effect of rumen protected AA supplements on ruminal TVF's of male goats	40
4	Effect of rumen protected AA supplements on ruminal total nitrogen of male goats.....	44
5	Effect of rumen protected AA supplements on ruminal non-protein-nitrogen of male goats	44
6	Effect of rumen protected AA supplements on ruminal NPN as % of TN of male goats	48
7	Effect of rumen protected AA supplements on ruminal true protein nitrogen of male goats	48
8	Effect of rumen protected AA supplements on ruminal true protein nitrogen as % of TN of male goats	51
9	Effect of rumen protected AA supplements on ruminal ammonia-N of male goats	51
10	Effect of rumen protected AA supplements on ruminal ammonia-N as % of TN of male goats	54
11	Effect of rumen protected AA supplements on ruminal ammonia-N as % of NPN of male goats.....	54
12	Effect of rumen protected AA supplements on average milk yield of lactating buffaloes	58
13	Effect of rumen protected AA supplements on average 4% fat corrected milk yield of lactating buffaloes	58

Figure		Page
14	Effect of rumen protected AA supplements on average milk fat content (%) of lactating buffaloes	62
15	Effect of rumen protected AA supplements on average milk fat yield of lactating buffaloes	62
16	Effect of rumen protected AA supplements on average milk total solids content (%) of lactating buffaloes	66
17	Effect of rumen protected AA supplements on average milk total solids yield of lactating buffaloes	66
18	Effect of rumen protected AA supplements on average milk solids-not-fat content (%) of lactating buffaloes...	69
19	Effect of rumen protected AA supplements on average milk solids-not-fat yield of lactating buffaloes	69
20	Effect of rumen protected AA supplements on average milk total proteins contents (%) of lactating buffaloes.	72
21	Effect of rumen protected AA supplements on average milk total protein yield of lactating buffaloes	72
22	Effect of rumen protected AA supplements on average milk casein content (%) of lactating buffaloes	76
23	Effect of rumen protected AA supplements on average milk casein yield of lactating buffaloes	76
24	Effect of rumen protected AA supplements on average milk whey protein content (%) of lactating buffaloes....	79
25	Effect of rumen protected AA supplements on average milk whey protein yield of lactating buffaloes.....	79
26	Effect of rumen protected AA supplements on average milk non-protein-nitrogen content (%) of lactating buffaloes.....	83