

Director's Digest



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THIS DIGEST WILL COVER FORMULAS OF DAIRY RATIONS
THAT UTILIZE ANIMAL PROTEINS AND FAT.

YOU CAN USE THESE AS GUIDELINES WHEN DISCUSSING YOUR PRODUCTS WITH LARGE DAIRIES.

Fred D. Bisplinghoff, D.V.M.

TABLE 1

	Amount	D.M.	D.M.	C.P.	ADF	NDF	TDN	UIP	Fat
TMR	lb/Day	lb.	%	%	%	%	%	%	%
Hay	4.0	3.5	88	19	32	43	64	28	3
Haylage	46.0	23.0	50	19	30	40	66	25	3
Megalac	1.3	1.2	99	0	0	0	190	30	82
Cottonseed	6.0	5.5	92	23	34	44	96	35	20
HM Ear Corn	28.0	21.0	75	9	11	23	84	45	3.4
Meat & Bone Meal	2.0	1.9	93	54	0	0	71	49	10.6
Blood Meal	0.6	0.6	92	87	0	0	66	82	1.4
44% Soy	3.0	2.7	90	50	7	15	83	35	2.4
Linseed Meal	2.0	1.8	90	38	19	25	78	35	1.5
Tallow	1.0	1.0	99	0	0	0	190	0	100.
Dical	0.30	0.29	98	0	0	0	0	0	0
Ca Mineral	0.20	0.20	98	0	0	0	0	0	0
TM Salt	0.25	0.25	98	0	0	0	0	0	0
Total Fed, lb/Day		62.9		11.8	12.7	18.8	49.8	4.2	4.9

Ca=1.2%

P = .055%

TABLE 2

	Amount lb/Day	D.M. lb.	D.M. %	C.P. %	ADF %	NDF %	TDN %	UIP %	Fat %
Haylage	53.0	26.5	50	17	34	45	62	25	3
Megalac	0.8	0.8	99	0	0	0	190	30	82
Cottonseed	5.0	4.6	92	23	34	44	96	35	20
Dry Sh. Corn	18.0	15.5	86	10	3	9	88	45	3.4
Meat & Bone	2.0	1.9	93	54	0	0	71	49	10.4
Blood Meal	1.3	1.2	92	87	0	0	66	82	1.4
44% Soy	2.0	1.8	90	50	7	15	83	35	2.4
Tallow	0.8	0.8	99	0	0	0	190	0	100.0
Dical	0.40	0.39	98	0	0	0	0	0	0
Ca Mineral	0.20	0.20	98	0	0	0	0	0	0
TM Salt	0.25	0.25	98	0	0	0	0	0	0

Total Fed, lb/Day 53.8 10.0 11.2 15.6 41.2 3.8 3.9

Ca=1.0%

P = .05%

TABLE 3

	Amount lb/Day	D.M. lb.	D.M. %	C.P. %	ADF %	NDF %	TDN %	UIP %	Fat %
Haylage	32.2	20.6	64.1	16	35	50	61	25	3.0
Corn Silage	13.8	6.9	49.9	9	26	47	69	30	2.7
Cottonseed	5.0	4.6	92.0	23	34	44	96	35	18.0
HM Sh. Corn	18.0	13.2	73.6	10	3	9	88	45	3.4
Roasted Soybeans	6.0	5.5	92.0	42	8	16	94	48	23.0
Gluten Meal 60	2.0	1.8	91.0	67	5	14	86	55	3.0
44% Soy	3.5	3.2	90.0	50	7	15	83	35	2.4
Booster Fat	1.0	1.0	99.0	0	0	0	190	0	100.0
Buffer, Pac etc.	1.19	1.16	98.0	0	0	0	0	0	0
Dical	0.16	0.15	98.0	0	0	0	0	0	0
Ca. Mineral	0.19	0.18	98.0	0	0	0	0	0	0
TM Salt	0.25	0.25	98.0	0	0	0	0	0	0

Total Fed, lb/Day 58.6 11.3 11.8 18.4 44.7 4.3 4.5

Ca=1.1%

P = .05%

ANIMAL PROTEINS IN BEEF CATTLE RATIONS

TABLE OF CONTENTS

	Page No.
I. VALUE ADDED ANIMAL PROTEINS - Dr. Fred D. Bisplinghoff	1
A. INTRODUCTION	1
1. <u>Animal Proteins in Ruminant Rations</u>	2
2. <u>Poultry By-Product Meal in Pet Food Rations</u>	4
II. ANIMAL PROTEIN PRODUCTS AS BY-PASS PROTEIN FOR RUMINANTS - Dr. Terry Klopfenstein and Frank Goedeken	10
A. RATION FORMULATION	13
B. ANIMAL PROTEINS IN LIQUID SUPPLEMENTS	14
III. BLOOD MEAL AND FEATHER MEAL IN COMBINATIONS - Dr. Terry Klopfenstein	24
A. SUMMARY	24
B. INTRODUCTION AND OBJECTIVES	24
C. EXPERIMENTAL DESIGN	25
1. <u>Protein Degradation Trial</u>	25
2. <u>Digestion Study</u>	25
3. <u>Growth Trial</u>	25
D. RESULTS AND DISCUSSION	26
IV. BLOOD MEAL-FEATHER MEAL COMBINATIONS FOR GROWING CALVES- Dr. Terry Klopfenstein	28
A. SUMMARY	28
B. INTRODUCTION	28
1. <u>Objective</u>	29
C. PROCEDURES	29
D. RESULTS & DISCUSSION	29
E. CONCLUSIONS	30

TABLE OF CONTENTS (continued)

	Page No.
V. USE OF MEAT AND BONE MEAL AND FEATHER MEAL FOR RUMINANTS- Dr. E. R. Barrick	33
A. COMPARISON TESTS	34
B. SUMMARY	36
VI. FEATHER MEAL AND BLOOD MEAL AS PROTEIN SOURCES FOR BEEF CATTLE - Dr. R. W. Harvey	39
1. <u>As a Supplement for Brood Cows</u>	39
2. <u>As a Component of Liquid Supplements</u>	40
3. <u>As a Source of Slowly Degraded Protein</u>	44
VII. ANIMAL PROTEIN EXPERIMENTS - Dr. R. E. John	52
VIII. ROLE OF MEAT AND BONE MEAL, HYDROLYZED FEATHER MEAL AND BLOOD MEAL IN THE DIETS OF NEW FEEDLOT CATTLE - Dr. Rodney L. Preston	55
A. INTRODUCTION	55
B. MATERIALS AND METHODS	56
C. RESULTS	57
D. CONCLUSIONS	59
IX. THE INFLUENCE OF INCREASING RUMINAL UNDEGRADABLE PROTEIN ON GROWTH RATE OF LIGHT GROWING STEERS - Dr. Richard Zinn	60
A. PRELIMINARY ABSTRACT	60
B. EXPERIMENTAL PROCEDURE	61

