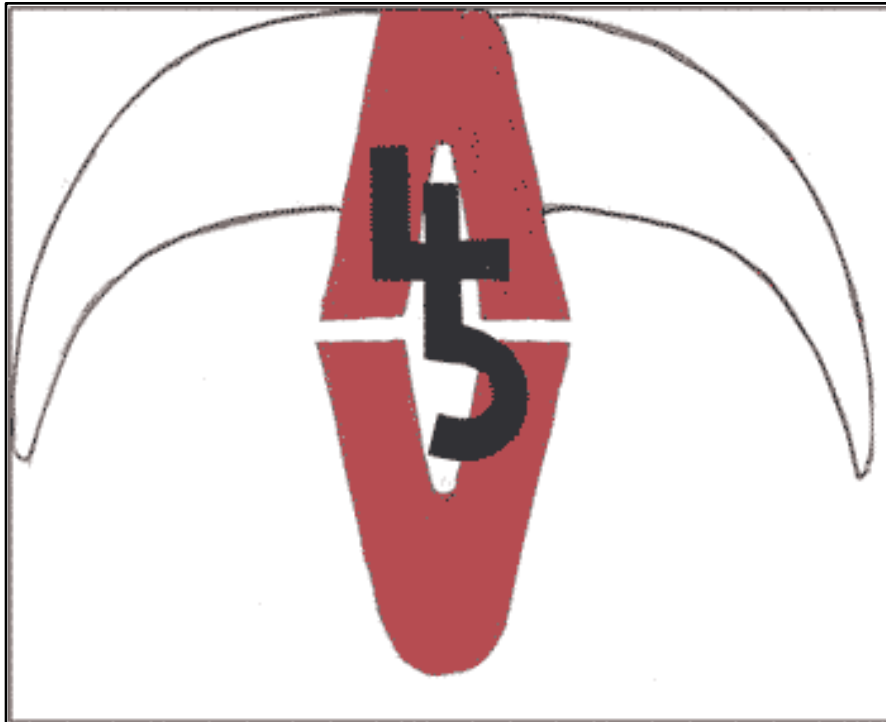


01/01/08

Example Ranch



Nutri-Cow®

© Forty-Five Cattle

* THIS DATA ILLUSTRATES NUTRI-COW® MINERAL BLOCKS.

Developed by Nutri-Cow®

© Forty-Five Cattle

Example Ranch(S)

01/01/08

BODY CONDITION SCORE

SLIPPED

5.0

MANURE PILES

INCREASED

3-6"

	FORAGE SAMPLE	LAST MONTH	LAST YEAR
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% crude protein	4.10	5.20	5.80
%tdn	56.10	54.57	53.50
%calcium	0.37		
%phos.	0.06		
%magnesium	0.06		
%potassium	0.15		
%sodium	0.01		
%sulfur	0.08		
ppm iron	537		
ppm zinc	30		
ppm copper	10		
ppm manganese	60		

PERCENT FAT 1.20%

Digestible Forage 95.00% REDUCES DIGESTIBILITY

PH OF URINE 6.0

Climatic Factor reflects an increase in T.D.N. requirements due to windch

Wind chill Factor 103%

Condition Score Factor indicates the T.D.N. increase necessary for the appropriate class of female to be in a 5½ to 6 B.C.S. at calving.

Cow Condition Score Factor 100%

First Calf Heifer Condition Score Factor 100%

Second Calf Heifer Condition Score Factor 100%

Bull Condition Score Factor 100%

FORAGE SUPPLY.....

...S.SHORT TO ADEQ./ DORMANT

CURRENT FEEDING PROGRAM

COWS	2.0 POUNDS/ hd/day of	32% CUBE
1 ST. Calf Hfrs.	2.5 POUNDS/ hd/day of	32% CUBE
2 nd. Calf Hfrs.	2.8 POUNDS/ hd/day of	32% CUBE
Weaned Heifers	0.0 POUNDS/ hd/day of	Hay
Weaned Heifers	2.5 POUNDS/ hd/day of	32% CUBE
BULLS	2.0 POUNDS/hd/day	32% CUBE

MEETING the MINIMUM NUTRITIONAL REQUIREMENTS

Developed by "Nutri-Cow" ®

© Forty-Five Cattle Example Ranch(S)

1,100 POUND ANGUS

1.75% DM INTAKE as a % of BODY WEIGHT

19.3 Pounds of Dry Matter Daily

Sample Taken

01/01/08

COWS: 60 DAYS PRE-CALVING TO 3 WEEKS POST-CALVING

FROM: 12/23 TO: 03/15

	Protein (lbs./d.)	T.D.N. (lbs./d.)	Calcium (Gms./d.)	Phos. (Gms./d.)	Magnesium (Gms./d.)	Potassium (Gms./d.)	Sodium (Gms./d.)	Sulfur (Gms./d.)	Iron (Gms./d.)	Zinc (Gms./d.)	Copper (Gms./d.)	Manganese (Gms./d.)
Required	1.65	11.22	24.00	16.50	10.00	57.00	12.80	15.00	0.50	0.30	0.13	0.40
Grazing	0.75	10.26	30.72	4.98	4.98	12.45	0.83	6.64	4.46	0.25	0.08	0.50
Supplemt	0.64	1.41	3.36	9.08	4.54	18.16	0.73	3.00	0.15	0.30	0.05	0.05
Hay	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mineral	0.00	0.00	3.41	3.19	1.06	0.10	8.73	0.43	0.15	0.43	0.15	0.28
Intake	1.39	11.67	37.48	17.25	10.59	30.72	10.28	10.06	4.76	0.97	0.28	0.83
Balance	-0.2602	0.45	13.48	0.75	0.59	-26.28	-2.52	-4.94	4.26	0.67	0.15	0.43
% of Req.	84%	104%	156%	105%	106%	54%	80%	67%	952%	324%	219%	207%

DM Intake	Effective CP	TDN	Tdn:CP	Ca:Ph Ratio
1.75%	6.54%	54.94%	8.40	2.17

Grazing intake must be adjusted for hay consumption.
 Grazing Intake (Dry Matter Basis) = 19.25 Lbs. of D.M. 19.25 max.
 Hay Intake (As Fed Basis) = 0 0.00

Digestibility 95.00%

CURRENTLY FEEDING ... 32% CUBE 2.0 lb/h/d 2.00 0.10

\$0.33 COST PER HEAD/DAY (FEED & FEEDING COST) 0

Mineral Intake @ 1.5 Oz./hd./day 0.09375

MEETING the MINIMUM NUTRITIONAL REQUIREMENTS

Developed by "Nutri-Cow" ®

© Forty-Five Cattle Example Ranch(S)

800 POUND FIRST CALF HEIFERS AND OLD COWS

Sample Taken 01/01/08

1.75% DM INTAKE as a % of BODY WEIGHT

14.0 Pounds of Dry Matter Daily

DRY PREGNANT 1 ST CALF HFR.: 60 DAYS PRE-CALVING TO 3 WEEKS POST CALVING

FROM: 11/23 TO: 02/13

	Protein (lbs./d.)	T.D.N. (lbs./d.)	Calcium (Gms./d.)	Phos. (Gms./d.)	Magnesium (Gms./d.)	Potassium (Gms./d.)	Sodium (Gms./d.)	Sulfur (Gms./d.)	Iron (Gms./d.)	Zinc (Gms./d.)	Copper (Gms./d.)	Manganese (Gms./d.)
Required	1.58	9.90	22.00	17.00	10.00	46.00	6.80	14.50	0.48	0.29	0.10	0.19
Grazing	0.55	7.46	22.34	3.62	3.62	9.06	0.60	4.83	3.24	0.18	0.06	0.36
Supplemt	0.80	1.77	4.20	11.35	5.68	22.70	0.91	3.75	0.19	0.37	0.06	0.07
Hay	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mineral	0.00	0.00	3.41	3.19	1.06	0.10	8.73	0.43	0.15	0.43	0.15	0.28
Intake	1.35	9.23	29.95	18.17	10.36	31.86	10.24	9.00	3.58	0.98	0.27	0.71
Balance	-0.2297	-0.67	7.95	1.17	0.36	-14.14	3.44	-5.50	3.10	0.69	0.17	0.52
% of Req.	85%	93%	136%	107%	104%	69%	151%	62%	746%	338%	274%	371%

DM Intake	Effective CP	TDN	Tdn:CP	Ca:Ph Ratio	Grazing intake must be adjusted for hay consumption.	14.00	max.
1.75%	8.15%	55.94%	6.86	1.65	Grazing Intake (Dry Matter Basis) =	14.00	Lbs. of D.M.
					Hay Intake (As Fed Basis) =	0	0

Digestibility 95.00%

CURRENTLY FEEDING ... 32% CUBE 2.5 lb/h/d 2.50 0.10

\$0.39 COST PER HEAD/DAY (FEED & FEEDING COST) 0

Mineral Intake @ 1.5 Oz./hd./day 0.09375

MEETING the MINIMUM NUTRITIONAL REQUIREMENTS

Developed by "Nutri-Cow"® © Forty-Five Cattle

Example Ranch(S)

850 POUND SECOND CALF HEIFER AND OLDER COWS

1.75% DM INTAKE as a % of BODY WEIGHT

14.9 Pounds of Dry Matter Daily

Sample Taken 01/01/08

SECOND CALF HEIFER: 60 DAYS PRE-CALVING TO 3 WEEKS POST-CALVING

FROM: 12/23 TO: 03/15

	Protein (lbs./d.)	T.D.N. (lbs./d.)	Calcium (Gms./d.)	Phos. (Gms./d.)	Magnesium (Gms./d.)	Potassium (Gms./d.)	Sodium (Gms./d.)	Sulfur (Gms./d.)	Iron (Gms./d.)	Zinc (Gms./d.)	Copper (Gms./d.)	Manganese (Gms./d.)
Required	1.45	9.72	21.75	15.00	9.50	48.50	6.00	14.50	0.48	0.29	0.10	0.30
Grazing	0.58	7.93	23.74	3.85	3.85	9.62	0.64	5.13	3.45	0.19	0.06	0.38
Supplemt	0.88	1.94	4.62	12.49	6.24	24.97	1.00	4.12	0.21	0.41	0.07	0.07
Hay	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mineral	0.00	0.00	3.41	3.19	1.06	0.10	8.73	0.43	0.15	0.43	0.15	0.28
Intake	1.46	9.87	31.76	19.53	11.16	34.70	10.37	9.68	3.80	1.03	0.28	0.74
Balance	0.0094	0.16	10.01	4.53	1.66	-13.80	4.37	-4.82	3.32	0.74	0.18	0.44
% of Req.	101%	102%	146%	130%	117%	72%	173%	67%	793%	354%	284%	245%

DM Intake 1.75%	Effective CP 8.28%	TDN 56.01%	Tdn:CP 6.76	Ca:Ph Ratio 1.63
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Grazing intake must be adjusted for hay consumption.
 Grazing Intake (Dry Matter Basis) = 14.88 Lbs. of D.M. 14.88 max.
 Hay Intake (As Fed Basis) = 0 0

Digestibility 95.00%

CURRENTLY FEEDING ... 32% CUBE **2.8** lb/h/d 2.75 0.10

\$0.42 COST PER HEAD/DAY (FEED & FEEDING COST) 0

Mineral Intake @ 1.5 Oz./hd./day 0.09375

MEETING the MINIMUM NUTRITIONAL REQUIREMENTS

Developed by "Nutri-Cow"® © Forty-Five Cattle

Example Ranch(S)

600 POUND WEANED REPLACEMENT HEIFERS

2.00% DM INTAKE as a % of BODY WEIGHT

12.00 Pounds of Dry Matter Daily

REPLACEMENT HEIFERS 1 POUND GAIN FROM 09/01 TO 12/10 Samples Taken 01/01/08

	Protein (lbs./d.)	T.D.N. (lbs./d.)	Calcium (Gms./d.)	Phos. (Gms./d.)	Magnesium (Gms./d.)	Potassium (Gms./d.)	Sodium (Gms./d.)	Sulfur (Gms./d.)	Iron (Gms./d.)	Zinc (Gms./d.)	Copper (Gms./d.)	Manganese (Gms./d.)
Required	1.19	8.61	17.00	12.00	8.00	28.00	8.00	12.00	0.41	0.25	0.08	0.16
Grazing	0.47	6.40	19.15	3.11	3.11	7.76	0.52	4.14	2.78	0.16	0.05	0.31
Supplemt	0.80	1.77	4.20	11.35	5.68	22.70	0.91	3.75	0.19	0.37	0.06	0.07
Hay	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mineral	0.00	0.00	3.41	3.19	1.06	0.10	8.73	0.43	0.15	0.43	0.15	0.28
Intake	1.27	8.16	26.75	17.65	9.84	30.57	10.15	8.31	3.12	0.95	0.27	0.65
Balance	0.0774	-0.45	9.75	5.65	1.84	2.57	2.15	-3.69	2.71	0.70	0.19	0.49
% of Req.	107%	95%	157%	147%	123%	109%	127%	69%	761%	381%	332%	409%

D.M. Intake	Effective CP	TDN	Tdn:CP	Ca:Ph	Grazing must be substituted on a 1:1 basis for hay	12.00 max.
2.00%	8.74%	56.30%	6.44	1.52	Grazing Intake (Dry Matter Basis) =	12.00 Lbs. of D.M.
					Hay Intake (As Fed Basis) =	0

Digestibility 95.00% **CURRENTLY FEEDING ... 32% CUBE 2.5 lb/h/d** 2.50 0.10

\$0.39 COST PER HEAD/DAY (FEED & FEEDING COST) 0

Mineral Intake @ 1.5 Oz./hd./day 0.09375