

2001 SPA Summary

Beef Cow Business Record Final Report

	Average for all herds		Your data
Returns for Cow-Calf Enterprise			
1. Return to Capital, Labor & Mgmt.	Financial	Economic	
	\$8,785	\$3,371	
2. Return to Labor & Mgmt.	\$7,720	(\$2,292)	
3. Net Profit	XXXXXX	(\$7,053)	
4. Return per \$100 of Feed Fed	\$218	\$170	
5. Annual % Return on Capital Investment	12.5%	3.7%	
6. Return per Hour of Operator Labor	\$13.39	#DIV/0!	
Costs for Cow-Calf Enterprises			
7. January 1 Number of Cows in Herd	111	111	
8. a. Pasture Cost per Cow	\$76.96	\$112.24	
b. Crop Residues per Cow	\$3.09	\$3.09	
c. Harvested Forages per Cow	\$54.55	\$79.77	
d. Non-Purchased Raised Feed Fed per Cow	\$26.97	\$26.97	
e. Purchased Feed per Cow	\$43.87	\$43.87	
f. Total Feed Cost per Cow	\$205.43	\$265.93	
9. Operating Cost per Cow	\$61.36	\$61.36	
10. Depreciation Cost per Cow	\$32.79	\$32.79	
11. Capital Charge per Cow	\$7.57	\$55.38	
12. Hired Labor Cost per Cow	\$8.96	\$8.96	
13. Family & Operator Labor Charge per Cow	XXXXXX	\$48.47	
14. Total Cost per Cow in Herd, January 1	\$316.12	\$472.11	
15. a. Return to Management per Cow	\$74.67	(\$26.34)	
b. Margin per Cwt Beef Produced, Inventory Included	\$12.27	(\$9.45)	
Costs/Cwt for Cow-Calf Enterprises			
16. Feed Cost per Cwt of Beef Produced	\$44.79	\$57.57	
17. a. Operating Cost per Cwt of Beef Produced	\$12.20	\$12.20	
b. Vet Med Cost per Cwt of Beef Produced	\$3.90	\$3.90	
18. Depreciation Cost per Cwt of Beef Produced	\$7.09	\$7.09	
19. Capital Cost per Cwt of Beef Produced	\$1.78	\$11.69	
20. Family & Operator Labor Cost per Cwt of Beef Produced	XXXXXX	\$10.55	
21. Total Cost per Cwt of Beef Produced	\$69.76	\$103.00	
Production & Sales for Cow-Calf Enterprises			
22. Total Number of Feeder Calves Sold		98	
23. Average Age at Weaning		185	
24. Average Weight of Feeder Calves Sold		497	
25. Pounds of Calf Weight Sold per Cow		438	
26. Price per Cwt of Feeder Calves Sold		\$96.49	
27. Total Number of Breeding Stock Sold		19	
28. Average Weight of Breeding Stock Sold		1,258	
29. Pounds of Breeding Stock Sold per Cow		211	
30. Price per Cwt of Breeding Stock Sold		\$49.47	
31. Total Pounds of Beef Produced per Cow		494	
32. Total Pounds of Beef Sold per Cow		647	
33. Total Value of Production Sold per Cow		\$523.18	

Analysis done between U of Illinois and Iowa Beef Center. Data from 45 herds from Iowa, Illinois and Michigan.

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Forage Production Costs	Financial	Economic	
1. Number of Acres in Forage Production	85.2	85.2	
2. Land Charge per Acre	\$31.13	\$59.93	
3. Operating Cost per Acre	\$81.85	\$81.85	
4. Depreciation Cost per Acre	\$24.88	\$24.88	
5. Non-Real Estate Loan, Principal & Interest per Acre	\$2.20	XXXXX	
6. Family & Operator Labor per Acre	\$0.00	\$44.55	
7. Total Cost per Acre of Land in Forage Production	\$140.06	\$211.21	
8. Yield per Acre of Forage Production, Tons	3.5	3.5	
9. Land Charge per Ton	\$8.67	\$18.11	
10. Operating Cost per Ton	\$23.06	\$23.06	
11. Depreciation Cost per Ton	\$6.86	\$6.86	
12. Non-Real Estate Loan, Principal & Interest per Ton	\$0.60	XXXXX	
13. Family & Operator Labor per Ton	\$0.00	\$13.12	
14. Total Cost per Ton of Forage Produced	\$39.19	\$61.14	
Pasture Summary			
15. Number of Acres Pastured	229.1	229.1	
16. Land Charge per Acre	\$23.77	\$36.00	
17. Operating Cost per Acre	\$19.44	\$19.44	
18. Depreciation Cost per Acre	\$2.08	\$2.08	
19. Non-Real Estate Loan, Principal & Interest per Acre	\$0.33	XXXXX	
20. Family & Operator Labor per Acre	\$0.00	\$12.33	
21. Total Cost per Acre of Land in Pasture Production	\$45.61	\$69.84	
22. Acres per Cow-Calf Pair	2.2	2.2	
23. Animal Unit Months from Pasture	1086.5	1086.5	
24. Pasture Cost per Cow-Calf Pair	\$76.96	\$112.24	
25. AUM per Acre	6.0	6.0	
26. Cost per AUM	\$7.93	\$11.52	
27. Cost per Day for 1000 lbs of Body Weight	\$0.26	\$0.38	
Aftermath Grazing Summary			
28. Acres per Producing Cow	1.6	1.6	
29. Cost per Acre	\$4.51	\$4.38	
30. Cost per Cow	\$4.35	\$4.21	
31. AUM per Acre	1.9	1.9	
32. Cost per AUM	\$1.69	\$1.63	
33. Cost per Day for 1000 lbs of Body Weight	\$0.06	\$0.05	
Feed Utilization Summary			
	Dry Matter	Financial	Economic
	(lbs)	Value	Value
34. Raised Hay Fed per Cow	2389	\$54.45	\$79.77
35. Other Home-Raised Feed Fed per Cow	934	\$26.97	\$26.97
36. Purchased Hay Fed per Cow	444	\$14.75	\$0.00
37. Purchased Supplements Fed per Cow	160	\$20.12	\$22.63
38. Purchased Silages & Concentrates Fed per Cow	348	\$8.78	\$80.48
39. Total Feed Fed per Cow	4275	\$125.07	\$194.25
40. Feed Fed per Cwt. Marketed	689	xxxxxxx	xxxxxxx

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Reproduction & Production Measures	Average for all herds	Your Data
1. Pregnancy Percentage	95.1%	
2. Pregnancy Loss Percentage	2.8%	
3. Calving Percentage	92.3%	
4. Calf Death Loss	5.4%	
5. Calf Crop or Weaning Percentage	86.9%	
6. Female Replacement Rate	12.7%	
7. Calf Death Loss Based on No. of Calves Born	3.6%	
 Calving Distribution:		
8. Beginning Calving Date:	3/7	
9. Calves Born During 1st 21 Days	55.5%	
10. Calves Born During 1st 42 Days	80.8%	
11. Calves Born During 1st 63 Days	91.0%	
12. Calves Born After 1st 63 Days	9.0%	
 Production Performance Measures:		
13. Average Age at Weaning (Days)	185	
Actual Weaning Weights		
14. Steers/Bulls	500	
15. Heifers	472	
16. Average Weaning Weight	486	
17. Pounds Weaned per Exposed Female	416	
 Summary of Investment per Breeding Cow		
18. Breeding Livestock	Cost <u>Basis</u>	Market <u>Basis</u>
19. Machinery, Equipment & Structures	\$617	\$721
20. Current Assets	\$130	\$273
21. Total Capital Investment/Cow	\$67	\$67
	\$813	\$1,061
 Summary of Investment per Forage Production Acre		
22. Structures & Equipment	\$146	\$294
23. Real Estate	\$209	\$492
24. Current Assets	\$89	\$113
25. Total Capital Investment/Forage Production Acre	\$444	\$899
26. Total Capital Investment in Forage Production/Cow	\$236	\$536
 Summary of Investment per Pasture Acre		
27. Structures & Equipment	\$18	\$29
28. Real Estate	\$330	\$711
29. Current Assets	\$26	\$38
30. Total Capital Investment/Pasture Production Acre	\$374	\$778
31. Total Capital Investment in Pasture Production/Cow	\$611	\$1,395
32. Total Capital Investment/Cow	\$1,660	\$2,992

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