

# 2002 SPA Summary

## Beef Cow Business Record Final Report

Average for all commercial  
and purebred herds

<b>Returns for Cow-Calf Enterprise</b>	<u>Financial</u>	<u>Economic</u>
<b>1. Return to Capital, Labor &amp; Mgmt.</b>	<b>\$10,639</b>	<b>\$460</b>
<b>2. Return to Labor &amp; Mgmt.</b>	<b>\$9,953</b>	<b>(\$4,235)</b>
<b>3. Net Profit</b>	<b>XXXXX</b>	<b>(\$8,042)</b>
4. Return per \$100 of Feed Fed	\$196	\$143
5. Annual % Return on Capital Investment	7.3%	-1.7%
6. Return per Hour of Operator Labor	\$12.13	(\$11.79)
<b>Costs for Cow-Calf Enterprises</b>		
<b>7. January 1 Number of Cows in Herd</b>	<b>125</b>	<b>125</b>
8. a. Pasture Cost per Cow	\$69.55	\$123.66
b. Crop Residues per Cow	\$3.31	\$3.31
c. Harvested Forages per Cow	\$64.15	\$97.77
d. Non-Purchased Raised Feed Fed per Cow	\$25.49	\$25.49
e. Purchased Feed per Cow	\$53.00	\$53.00
<b>f. Total Feed Cost per Cow</b>	<b>\$215.51</b>	<b>\$303.22</b>
9. Operating Cost per Cow	\$67.61	\$67.61
10. Depreciation Cost per Cow	\$34.99	\$34.99
11. Capital Charge per Cow	\$5.27	\$43.33
12. Hired Labor Cost per Cow	\$14.94	\$14.94
13. Family & Operator Labor Charge per Cow	XXXXX	\$44.80
<b>14. Total Cost per Cow in Herd, January 1</b>	<b>\$338.31</b>	<b>\$508.89</b>
<b>15. a. Return to Management per Cow</b>	<b>\$52.33</b>	<b>(\$72.90)</b>
b. Margin per Cwt Beef Produced, Inventory Included	\$9.20	(\$15.39)
<b>Costs/Cwt for Cow-Calf Enterprises</b>		
16. Feed Cost per Cwt of Beef Produced	\$43.75	\$60.99
17. a. Operating Cost per Cwt of Beef Produced	\$12.51	\$12.51
b. Vet Med Cost per Cwt of Beef Produced	\$3.86	\$3.86
18. Depreciation Cost per Cwt of Beef Produced	\$6.83	\$6.83
19. Capital Cost per Cwt of Beef Produced	\$1.18	\$8.65
20. Family & Operator Labor Cost per Cwt of Beef Produced	XXXXX	\$9.35
<b>21. Total Cost per Cwt of Beef Produced</b>	<b>\$68.14</b>	<b>\$102.20</b>
<b>Production &amp; Sales for Cow-Calf Enterprises</b>		
22. Total Number of Feeder Calves Sold		110
23. Average Age at Weaning		202
<b>24. Average Weight of Feeder Calves Sold</b>		<b>532</b>
25. Pounds of Calf Weight Sold per Cow		467
<b>26. Price per Cwt of Feeder Calves Sold</b>		<b>\$88.50</b>
27. Total Number of Breeding Stock Sold		21
28. Average Weight of Breeding Stock Sold		1,226
29. Pounds of Breeding Stock Sold per Cow		158
30. Price per Cwt of Breeding Stock Sold		\$47.42
31. Total Pounds of Beef Produced per Cow		515
32. Total Pounds of Beef Sold per Cow		626
33. Total Value of Production Sold per Cow		\$484.73

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<b>Forage Production Costs</b>	<u>Financial</u>	<u>Economic</u>	
1. Number of Acres in Forage Production	79.3	79.3	
2. Land Charge per Acre	\$22.38	\$61.82	
3. Operating Cost per Acre	\$77.80	\$77.80	
4. Depreciation Cost per Acre	\$34.83	\$34.83	
5. Non-Real Estate Loan, Principal & Interest per Acre	\$2.17	XXXXX	
6. Family & Operator Labor per Acre	XXXXX	\$41.76	
<b>7. Total Cost per Acre of Land in Forage Production</b>	<b>\$137.18</b>	<b>\$216.20</b>	
8. Yield per Acre of Forage Production, Tons	3.6	3.6	
9. Land Charge per Ton	\$6.38	\$17.27	
10. Operating Cost per Ton	\$23.95	\$23.95	
11. Depreciation Cost per Ton	\$9.74	\$9.74	
12. Non-Real Estate Loan, Principal & Interest per Ton	\$0.61	XXXXX	
13. Family & Operator Labor per Ton	XXXXX	\$10.17	
<b>14. Total Cost per Ton of Forage Produced</b>	<b>\$40.68</b>	<b>\$61.12</b>	
<b>Pasture Summary</b>			
15. Number of Acres Pastured	214.6	214.6	
16. Land Charge per Acre	\$17.36	\$41.94	
17. Operating Cost per Acre	\$20.48	\$20.48	
18. Depreciation Cost per Acre	\$2.29	\$2.29	
19. Non-Real Estate Loan, Principal & Interest per Acre	\$0.37	XXXXX	
20. Family & Operator Labor per Acre	XXXXX	\$14.51	
<b>21. Total Cost per Acre of Land in Pasture Production</b>	<b>\$40.50</b>	<b>\$79.22</b>	
22. Acres per Cow-Calf Pair	2.0	2.0	
23. Animal Unit Months from Pasture	1,149.9	1,149.9	
24. Pasture Cost per Cow-Calf Pair	\$69.55	\$123.66	
25. AUM per Acre	6.1	6.1	
26. Cost per AUM	\$7.31	\$13.47	
<b>27. Cost per Day for 1000 lbs of Body Weight</b>	<b>\$0.24</b>	<b>\$0.45</b>	
<b>Aftermath Grazing Summary</b>			
28. Acres per Producing Cow	1.6	1.6	
29. Cost per Acre	\$3.18	\$3.18	
30. Cost per Cow	\$4.71	\$4.71	
31. AUM per Acre	1.4	1.4	
32. Cost per AUM	\$2.13	\$2.13	
<b>33. Cost per Day for 1000 lbs of Body Weight</b>	<b>\$0.07</b>	<b>\$0.07</b>	
<b>Feed Utilization Summary</b>			
	<b>Dry Matter</b>	<b>Financial</b>	<b>Economic</b>
	<b>(lbs)</b>	<b>Value</b>	<b>Value</b>
34. Raised Hay Fed per Cow	2,622	\$64.15	\$97.77
35. Other Home-Raised Feed Fed per Cow	849	\$25.49	\$25.49
36. Purchased Hay Fed per Cow	340	\$9.01	\$10.95
37. Purchased Supplements Fed per Cow	193	\$25.39	\$25.39
38. Purchased Silages & Concentrates Fed per Cow	426	\$17.07	\$17.07
<b>39. Total Feed Fed per Cow</b>	<b>4,430</b>	<b>\$141.12</b>	<b>\$176.67</b>
40. Feed Fed per Cwt. Marketed	744	XXXXX	XXXXX

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<b>Reproduction &amp; Production Measures</b>		
1. Pregnancy Percentage		93.9%
2. Pregnancy Loss Percentage		2.4%
3. Calving Percentage		91.5%
4. Calf Death Loss		4.6%
<b>5. Calf Crop or Weaning Percentage</b>		<b>86.9%</b>
6. Female Replacement Rate		10.7%
7. Calf Death Loss Based on No. of Calves Born		3.3%
 <b>Calving Distribution:</b>		
8. Beginning Calving Date:		8-Mar
9. Calves Born During 1st 21 Days		53.9%
10. Calves Born During 1st 42 Days		80.0%
<b>11. Calves Born During 1st 63 Days</b>		<b>91.7%</b>
12. Calves Born After 1st 63 Days		8.3%
 <b>Production Performance Measures:</b>		
13. Average Age at Weaning (Days)		202
<b>Actual Weaning Weights</b>		
14. Steers/Bulls		543
15. Heifers		506
16. Average Weaning Weight		524
<b>17. Pounds Weaned per Exposed Female</b>		<b>439</b>
		<b>Cost                      Market</b>
<b>Summary of Investment per Breeding Cow</b>		<b><u>Basis</u>                      <u>Basis</u></b>
18. Breeding Livestock		\$632                      \$733
19. Machinery, Equipment & Structures		\$143                      \$241
20. Current Assets		\$77                      \$77
<b>21. Total Capital Investment/Cow</b>		<b>\$852                      \$1,051</b>
 <b>Summary of Investment per Forage Production Acre</b>		
22. Structures & Equipment		\$214                      \$345
23. Real Estate		\$166                      \$485
24. Current Assets		\$98                      \$131
<b>25. Total Capital Investment/Forage Production Acre</b>		<b>\$478                      \$961</b>
<b>26. Total Capital Investment in Forage Production/Cow</b>		<b>\$207                      \$486</b>
 <b>Summary of Investment per Pasture Acre</b>		
27. Structures & Equipment		\$13                      \$23
28. Real Estate		\$310                      \$840
29. Current Assets		\$25                      \$40
<b>30. Total Capital Investment/Pasture Production Acre</b>		<b>\$349                      \$902</b>
<b>31. Total Capital Investment in Pasture Production/Cow</b>		<b>\$515                      \$1,390</b>
<b>32. Total Capital Investment/Cow</b>		<b>\$1,573                      \$2,927</b>

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