

Representative Economic Budget for Southeast Nebraska - 120 Head Cow Herd

Background

For many southeast Nebraska farms, owning a cow herd with about 120 cows and six bulls is typical given that many farmers in the area have pasture ground and row crops that can be utilized for a cow-calf operation of this size. In southeast Nebraska, a 120-cow herd would provide a portion of a farm's revenue as most farms in this area are diversified with row crops, cover crops, and livestock.

Seventy-five percent of cattle producers in this area of the state utilize their own pasture with additional pasture ground rented as needed. Stalk or crop residue ground is generally owned and/or leased, with cover crops utilized in many cases, which can supply additional forage in the winter or early spring months of the year for a cow-calf operation.

Feed and hay costs along with pasture and stalk rent expenses are included in this representative budget as cash expenses, even though a producer may own their own pasture and crop ground where the feed and forages for their cow-calf operation are raised. Individual producers can indicate an opportunity cost for their land use for the cow-calf enterprise in lieu of cash rental expenses in their budgets. All costs are negotiable based on what both parties bring to an agreement.

Livestock Management Practices

Cow-calf producers in this part of Nebraska generally calve in the February to April timeframe. Weaned calves are sold after weaning at about 205 days of age. Weaning rate per exposed cow is figured at 90 to 92%. The cull rate for cows is from 15 - 20% each year, while the bulls are culled and replaced one each year. Southeast Nebraska producers that

assisted with this representative budget noted that the typical practice on most farms is to

utilize some raised heifers and buy some bred heifers to replace culled cows. The budget example and cow-calf production flowchart (Chart 1) for this size operation reflects a 50/50 split on keeping and purchasing replacements.

Weaned steers generally average 550 pounds while the heifers are slightly smaller weighing 525 pounds on average at weaning. Cow-calf pairs are typically on pasture for 5 months of the year (May to September) and utilize stalks or crop residue as feed after the pasture season until early March. Time varies on corn stalk grazing rotations based on usage, quality, and time of year. In some cases, cover crops can be utilized for grazing from October to May. With distiller's grain plentiful in southeast Nebraska, feeding often includes dried distiller's grain, silage, brome, or alfalfa hay in the 60-to-90-day period before and during the calving timeframe.

Machinery, Equipment and Facilities

Basic equipment owned and utilized for this enterprise are an ATV, ¾ ton pickup, a tractor, stock trailer, feed wagon, and portable chute and fence panels. Facilities often include an older wooden barn, and approximately 4 - 5 miles of permanent fence plus temporary fencing as needed, and at least one corral. The value of the machinery, equipment and facilities that pertain to use in the cow-calf operation is shown in this budget. For example, if an ATV is used for other enterprises on the farm, and only 40% for the cow-calf operation, 40% of its current and future value should be entered into the budget program. And if the stock trailer is used 100% of the time in the livestock enterprise, 100% of its current and future value should be included on the machinery and equipment line.

Haying equipment is an expense in a separate hay enterprise on the farm. Hay feed value noted in this budget is at market rate. All pasture utilized is priced in the budget at a current rental rate even though only 25% of the pasture is generally rented and the rest is owned.

Non-Feed Input Costs

Non-feed input costs can be entered into the budget on a “per animal” or a whole herd basis. In this representative budget, these costs were entered on a per animal basis and include labor, fuel, veterinary and medical cost, and marketing costs. Labor, fuel, and veterinary/medical costs are allocated to each animal category based on net increase in value during the production year. Part of the veterinary expenses should include breeding soundness exams on the bulls each year.

Marketing costs are broken down by each animal category of the herd and allocated accordingly. For example, cull bull marketing of \$35 per animal is included on the bull budget page and the system budget which is a summary of all projected revenue and expenses at the end of the budget report. The cost of direct marketing and the costs per head to sell thru a nearby sale barn can vary tremendously. Marketing expenses include the sales commission, transportation, and other costs to market. In this budget, both a commission and charge for hauling the cattle to sale are figured into marketing expense.

Other Depreciation, Interest and Overhead Costs

Depreciation for cows and bulls is figured in this budget as the difference of cost of purchased bulls to their sale value when sold. These figures are included in the system budget page. Depreciation expense for tax purposes would be handled differently, in consultation with a tax accountant.

Opportunity interest of 3% is figured on the value of investment total in the livestock herd. This is an economic cost reflecting what rate of return could be earned if the herd were sold and the money invested in its most profitable alternative use.

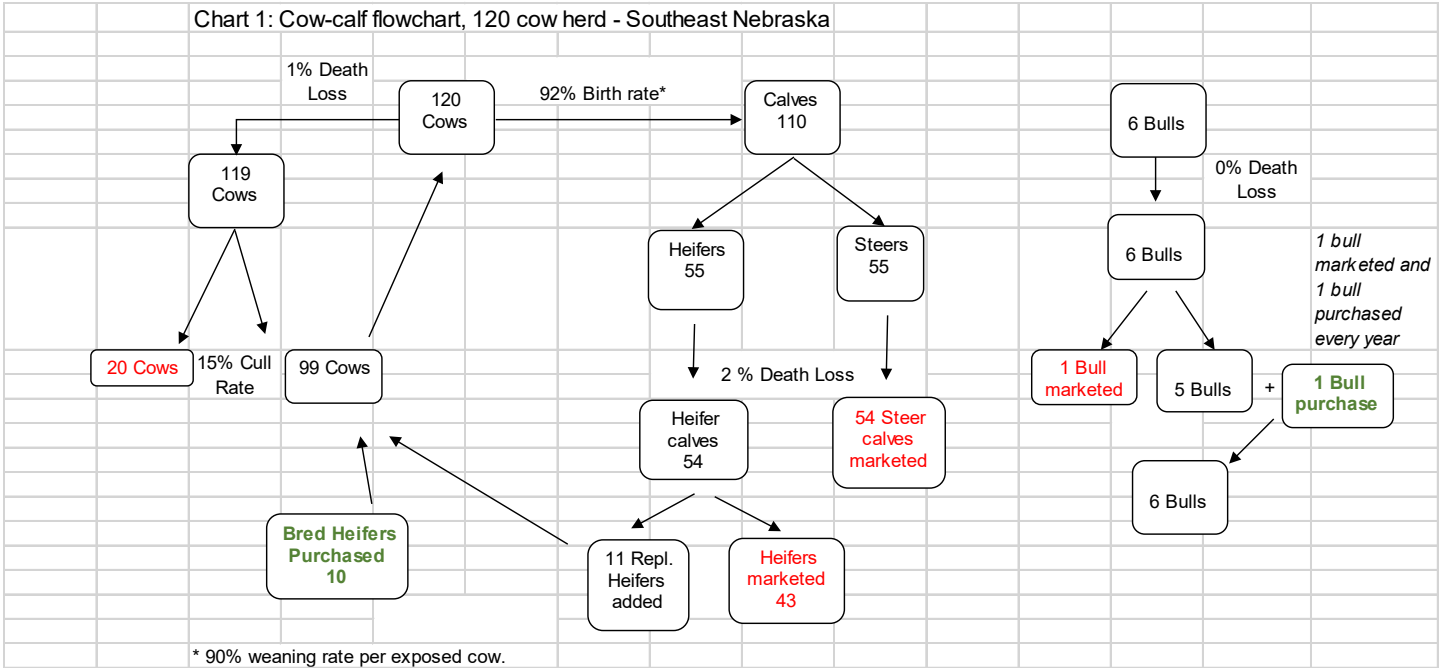
Overhead expenses entered into the budget include the cow-calf enterprise portion of the farm’s annual insurance premium and professional fees. Real estate value and taxes are left blank in this example because, as stated previously, rental costs for all hay, stalks, and pasture (even if owned) are cash expenses in this budget. An annual management charge and other expenses that pertain to the cow-calf herd may be entered but are left blank in this representative budget.

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120 Head Cow Herd Livestock Budget Worksheet pages attached include:

- Budget Input sheets
- Bull budget
- Breeding herd cash budget
- Cow-calf System Budget report (summarizes all budget information)

Cow Herd System Budget

Glennis McClure, Extension Educator /Farm & Ranch Management Analyst

This budgeting workbook is designed for the medium and small sized operator. It includes spreadsheets for analyzing the components of a beef production system separately but provides a combined analysis as well.

This template provides an example of a 120 head cow herd representative of southeast Nebraska. It may be modified for various herd sizes, management practices, and locations.



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Budget Inputs

120 head cow herd - Southeast NE 07/02/21

| Breeding Herd | | | | | |
|------------------|---|--|--------|-----------|-----------|
| Breeding Females | Herd size | It is assumed that herd size remains stationary so replacements will equal cow culls and cow deaths. If too few replacements are purchased, the worksheet automatically retains heifers. | 120 | Cows | |
| | Average Cow Value | | 1,400 | \$ / head | |
| | Cows Culled per Year | | 20 | Cows | |
| | Cow Deaths per year | | 1 | head | |
| | Number of Replacements Needed | | 21 | | |
| | Estimated Weaning Rate | | 90 | percent | |
| | Extra Heifers Retained for Breeding that Will Not Be Used as Replacements | | 0 | head | |
| | Culled Replacement Heifer Weight When Sold | | | pounds | |
| | Culled Replacement Heifer Selling Price | | | \$ / cwt | |
| | Cost of Marketing Culled Replacement Heifers | | | \$ / head | |
| | Replacement Females Purchased | | (<=21) | 10 | head |
| | Replacement Female Cost (if applicable) | | | 2,000 | \$ / head |
| | Cow Cull Weight | | | 1,300 | pounds |
| | Non-Fed Cull Cow Price | | | 62 | \$ / cwt |
| Bulls | Bulls Needed | | 6 | Bull(s) | |
| | Bull Purchase Price | | 3,000 | \$ / head | |
| | Bull use (years) | (<10) | 6 | years | |
| | Bull Death Loss Rate | | 0% | | |
| | Cull Bull Price | | 82 | \$ / cwt | |
| | Cull Bull Weight | | 1,700 | pounds | |
| Calves | Calves Weaned | (<=108) | 108 | head/year | |
| | Steer Weaning Weight | | 550 | | |
| | Heifer Weaning Weight | | 525 | pounds | |
| | Weaned Steer Price | (>=10) | 155 | \$ / cwt | |
| | Weaned Heifer Price | (>=10) | 140 | \$ / cwt | |

| Wintered Calf | | | |
|---------------|------------------------|---------|------------|
| | Days Fed | | days |
| | Death Loss | (0-100) | percent |
| Steers | Retained after Weaning | (<=54) | head |
| | End Weight | | pounds |
| | Market Price | (>=10) | \$ per cwt |
| Heifers | Retained after Weaning | (<=43) | head |
| | End Weight | | pounds |
| | Market Price | (>=10) | \$ per cwt |

| Stocker | | | |
|---------|----------------------|---------|------------|
| | Days Fed | | days |
| | Death Loss | (0-100) | percent |
| Steers | Retained for Grazing | (<=0) | head |
| | End Weight | | pounds |
| | Market Price | (>=10) | \$ per cwt |
| Heifers | Retained for Grazing | (<=0) | head |
| | End Weight | | pounds |
| | Market Price | (>=10) | \$ per cwt |

| Feedlot | | | |
|---------|------------|---------|---------|
| | Days Fed | | days |
| | Death Loss | (0-100) | percent |

| | | | | |
|----------------|----------------|-------|--|------------|
| Steers | Placed on Feed | (≤0) | | head |
| | End Weight | | | pounds |
| | Market Price | (≥10) | | \$ per cwt |
| Heifers | Placed on Feed | (≤0) | | head |
| | End Weight | | | pounds |
| | Market Price | (≥10) | | \$ per cwt |

Fed Cull Cow

| | | | |
|----------------|---------|---|------------|
| Days Fed | | | days |
| Death Loss | (0-100) | 0 | percent |
| Placed on Feed | (≤20) | | head |
| End Weight | | | pounds |
| Market Price | (≥10) | | \$ per cwt |

Feed

| Name | Price per Unit Purchased | Priced Unit (tons, lbs. etc) | Fed Unit (tons, lbs. etc) | Fed Unit per Priced Unit | As Fed Price |
|----------------------------|--------------------------|------------------------------|---------------------------|--------------------------|--------------|
| Creep Feed | 350.00 | ton | lbs | | |
| Pasture | 240.00 | 5 months | day | 150 | 1.60 |
| Grass Hay | 95.00 | ton | lbs | 2000 | 0.05 |
| Alfalfa | 100.00 | ton | lbs | 2000 | 0.05 |
| DDG Cubes | 240.00 | ton | lbs | 2000 | 0.12 |
| Salt and Mineral | 1400.00 | ton | ounce | 32000 | 0.04 |
| Modified Distiller's Grain | 100.00 | ton | lbs | 2000 | 0.05 |
| Corn | 6.50 | bu | lbs | 56 | 0.12 |
| Wet Distiller's Grain | 100.00 | ton | lbs | 2000 | 0.05 |
| Corn Stalks | 0.40 | day | day | 1 | 0.40 |

Non-Feed Input Costs

| Name | Cost per Year | Is This Cost Per Animal or for All Animals? | Allocation Percentage | | | |
|----------------------------|---------------|---|-----------------------|--------------------------|--------------------|--------------------|
| | | | Breeding Herd | Wintered Calf (Optional) | Stocker (Optional) | Feedlot (Optional) |
| Labor | 10.00 | per animal | | | | |
| Fuel / transportation | 20.00 | per animal | | | | |
| Veterinary and Medical | 30.00 | per animal | | | | |
| Cull Cow Marketing | 35.00 | per animal | 100% | 0% | 0% | 0% |
| Cull Bull Marketing | 35.00 | per animal | 100% | 0% | 0% | 0% |
| Cull Replacement Marketing | 25.00 | per animal | 100% | 0% | 0% | 0% |
| Weaned Calf Marketing | 25.00 | per animal | 100% | 0% | 0% | 0% |
| Wintered Calf Marketing | 25.00 | per animal | 100% | 0% | 0% | 0% |
| Stocker Marketing | - | per animal | 0% | 0% | 0% | 0% |
| Feedlot Marketing | - | per animal | 0% | 0% | 0% | 0% |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Depreciable Input Costs

Allocation Pe

| Name | Current Value | Future Value | Future Value Horizon | Annual Repairs | Breeding Herd (Optional) | Weaned Calf Wintering (Optional) |
|---------------------|---------------|--------------|----------------------|----------------|--------------------------|----------------------------------|
| Fencing | 50,000 | 10,000 | 20 | 1,000 | 100% | |
| Machinery | 75,000 | 25,000 | 10 | 2,000 | 100% | |
| Vehicles | 30,000 | 10,000 | 7 | 1,000 | 100% | |
| Barn | 30,000 | 10,000 | 20 | 500 | 100% | |
| Livestock Equipment | 30,000 | 10,000 | 15 | 1,000 | 100% | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| Interest | |
|--------------------------|----|
| Operations Interest Rate | 6% |
| Opportunity Rate | 3% |

| Overhead Costs | | | Allocation Percentage | | |
|--------------------------|--------|----------|--------------------------|----------------------------------|--------------------|
| | Amount | | Breeding Herd (Optional) | Weaned Calf Wintering (Optional) | Stocker (Optional) |
| Real Estate Value* | | | | | |
| Real Estate Tax | | per year | | | |
| Annual Insurance Premium | 1,500 | per year | | | |
| Professional Fees | 750 | per year | | | |
| Annual Management Charge | | per year | | | |
| Other | | per year | | | |

Bull Budget (6 Bulls)

| Income | | | | Herd Total |
|---------------------|---------------|---------------|--------------|-------------------|
| | <u>Amount</u> | <u>Weight</u> | <u>Price</u> | <u>Total</u> |
| Cull Bull Sales | 1.00 head @ | \$ 1,700.00 | \$ 82.00 | 1,394 |
| Gross Income | | | | 1,394 |

| Variable Costs | | | | Herd Total |
|-----------------------------|--|------------------|----------------------------|-------------------|
| Breeding Costs | | | | Total |
| Bulls | 1.00 | | \$ 3,000 per head | 3,000 |
| Bull Feed | | | | Total |
| | Amount per Year | | Per Animal or Total | Price |
| Grass Hay | 3690 lbs | | per animal | @ 0.05 per lbs |
| Pasture | 180 day | | per animal | @ 1.60 per day |
| Salt and Mineral | 1460 ounce | | per animal | @ 0.04 per ounce |
| Corn Stalks | 90 day | | per animal | @ 0.40 per day |
| | | | | |
| | | | | |
| Total Feed | | | | 3,379 |
| Other Variables | | | | Total |
| Cull Bull Marketing | | 35.00 per animal | | 35 |
| Operations Interest | Operations interest rate times feed and other variable expenses except marketing divided by two. | | | 101 |
| Total Non-feed | | | | 136 |
| Total Variable Costs | | | | 6,515 |

| | | | | |
|--------------------|--|--|--|--------------|
| Net Expense | | | | 5,121 |
|--------------------|--|--|--|--------------|

Replacement Budget

11 Head*

| Feed Costs | | | | | Herd Total |
|-------------------------|--------------------|-------|------------------------|------------------|--------------|
| | Amount per Year | | Per Animal or Total | Price | |
| Pasture | 150 | day | per animal | @ 1.60 per day | 2,640 |
| Corn Stalks | 150 | day | per animal | @ 0.40 per day | 660 |
| Grass Hay | 1200 | lbs | per animal | @ 0.05 per lbs | 627 |
| | | | | | |
| salt and mineral | 1460 | ounce | per animal | @ 0.04 per ounce | 703 |
| Wet Distiller's Grain | 1460 | lbs | per animal | @ 0.05 per lbs | 803 |
| Total Feed Costs | | | | | 5,433 |

Breeding Herd Cash Budget (120 Cows)

| Revenue | | | | Herd Total | Per Cow | Per Calf |
|---------------------|---------------|---------------|----------------|---------------|---------------|---------------|
| | <u>Number</u> | <u>Weight</u> | <u>Price</u> | <u>Total</u> | | |
| Weaned Steer Value | 54 | 550 | 155.00 per cwt | 46,035 | | |
| Weaned Heifer Value | 43 | 525 | 140.00 per cwt | 31,605 | | |
| Cull Cow Sales | 20 | 1,300 | 62.00 per cwt | 16,120 | | |
| Replacements Culled | - | - | per cwt | | | |
| Gross Income | | | | 93,760 | 781.33 | 966.60 |

| Variable Cash Costs | | | | Herd Total | Per Cow | Per Calf |
|----------------------------------|--|----------------------------|-------------------|----------------|---------------|-----------------|
| Breeding Costs | <u>Number</u> | <u>Price</u> | | <u>Total</u> | <u>Total</u> | <u>Total</u> |
| Bulls | (This amount is the "Net Expenses" from the "Bulls" tab) | | | 5,121 | 42.68 | 52.80 |
| Replacements Purchased | 10 | 2,000 \$ per head | | 20,000 | 166.67 | 206.19 |
| Animal Purchases | | | | 25,121 | 209.34 | 258.98 |
| Cow Feed | <u>Amount per Year</u> | <u>Per Animal or Total</u> | <u>Price</u> | <u>Total</u> | <u>Total</u> | <u>Total</u> |
| Pasture | 150 day | per animal | @ 1.60 per day | 28,800 | 240.00 | 296.91 |
| Salt and Mineral | 1460 ounce | per animal | @ 0.04 per ounce | 7,665 | 63.88 | 79.02 |
| Grass Hay | 2830 lbs | per animal | @ 0.05 per lbs | 16,131 | 134.43 | 166.30 |
| Corn Stalks | 120 day | per animal | @ 0.40 per day | 5,760 | 48.00 | 59.38 |
| Modified Distiller's Grain | 1800 lbs | per animal | @ 0.05 per lbs | 10,800 | 90.00 | 111.34 |
| Replacement Heifer Feed | (From Replacement Spreadsheet) | | | 5,433 | 45.27 | 56.01 |
| Total Feed | | | | 74,589 | 621.57 | 768.95 |
| Other Variable | <u>Amount</u> | <u>Unit</u> | <u>Allocation</u> | <u>Total</u> | <u>Total</u> | <u>Total</u> |
| Labor | 10 | per animal | 100% | 1,200 | 10.00 | 12.37 |
| Fuel / transportation | 20 | per animal | 100% | 2,400 | 20.00 | 24.74 |
| Veterinary and Medical | 30 | per animal | 100% | 3,600 | 30.00 | 37.11 |
| Cull Cow Marketing | 35 | per animal | | 700 | 5.83 | 7.22 |
| Cull Replacement Marketing | 25 | per animal | | | | |
| Weaned Calf Marketing | 25 | per animal | | 2,425 | 20.21 | 25.00 |
| Operations Interest | Calculations: Operations interest rate times feed and other variable expenses except marketing divided by two. | | | 2,664 | 22.20 | 30.62 |
| Total Non-feed | | | | 12,989 | 108.24 | 137.06 |
| Total Variable Cash Costs | | | | 112,699 | 939.15 | 1,165.00 |

| Fixed Cash Costs | | | | Herd Total | Per Cow | Per Calf |
|---------------------------------|----------------|-------------------|--|--------------|--------------|--------------|
| Depreciables Input Costs | <u>Repairs</u> | <u>Allocation</u> | | <u>Total</u> | <u>Total</u> | <u>Total</u> |
| Fencing | 1,000 | 100% | | 1,000 | 8.33 | 10.31 |
| Machinery | 2,000 | 100% | | 2,000 | 16.67 | 20.62 |
| Vehicles | 1,000 | 100% | | 1,000 | 8.33 | 10.31 |
| Barn | 500 | 100% | | 500 | 4.17 | 5.15 |
| Livestock Equipment | 1,000 | 100% | | 1,000 | 8.33 | 10.31 |
| Cash Ownership | | | | 5,500 | 45.83 | 56.70 |
| Overhead and Management | <u>Amount</u> | <u>Allocation</u> | | <u>Total</u> | <u>Total</u> | <u>Total</u> |
| Real Estate Tax | - | | | | | |
| Annual Insurance Premium | 1,500 | 100% | | 1,500 | 12.50 | 15.46 |
| Professional Fees | 750 | 100% | | 750 | 6.25 | 7.73 |
| Annual Management Charge | - | | | | | |
| Other | - | | | | | |
| Total Overhead | | | | 2,250 | 18.75 | 23.20 |
| Total Fixed Cash Costs | | | | 7,750 | 64.58 | 79.90 |

| | | | |
|-------------------------|----------------|-----------------|-----------------|
| Total Cash Costs | 120,449 | 1,003.74 | 1,244.89 |
|-------------------------|----------------|-----------------|-----------------|

| | | | |
|------------------------|-----------------|-----------------|-----------------|
| Net Cash Income | (26,689) | (222.40) | (278.30) |
|------------------------|-----------------|-----------------|-----------------|

| Non-Cash Costs | | | | Herd Total | Per Cow | Per Calf |
|---------------------------------|---------------------|---------------------|-------------------|--------------|--------------|--------------|
| Depreciables Input Costs | <u>Depreciation</u> | <u>Oppor-tunity</u> | <u>Allocation</u> | <u>Total</u> | <u>Total</u> | <u>Total</u> |
| Fencing | 2,000 | 1,500 | 100% | 3,500 | 29.17 | 36.08 |
| Machinery | 5,000 | 2,250 | 100% | 7,250 | 60.42 | 74.74 |
| Vehicles | 2,857 | 900 | 100% | 3,757 | 31.31 | 38.73 |
| Barn | 1,000 | 900 | 100% | 1,900 | 15.83 | 19.59 |
| Livestock Equipment | 1,333 | 900 | 100% | 2,233 | 18.61 | 23.02 |
| Opportunity | <u>Amount</u> | <u>Allocation</u> | | | | |
| Real Estate | | 100% | | | | |
| Livestock | 5,678 | 100% | | 5,678 | 47.32 | 58.54 |

| | | | | |
|-------------------------|----------------------|------------|----------|----------|
| | Total Non-Cash Costs | 24,318 | 202.65 | 250.71 |
| Total Cash and Non-Cash | | Herd Total | Per Cow | Per Calf |
| | Total Costs | 144,767 | 1,206.39 | 1,495.60 |
| | Total Net Income | (51,007) | (425.06) | (529.00) |

System Budget

| Revenue | | | | Herd Total |
|------------------------|---------------|---------------|--------------|-------------------|
| | Number | Weight | Price | Total |
| Weaned Steers | 54 | 550 | 155 \$ / cwt | 46,035 |
| Weaned Heifers | 43 | 525 | 140 \$ / cwt | 31,605 |
| Wintered Steers | | | | |
| Wintered Heifers | | | | |
| Stocker Steers | | | | |
| Stocker Heifers | | | | |
| Fed Steers | | | | |
| Fed Heifers | | | | |
| Cull Cow Sales | 20 | 1,300 | 62 \$ / cwt | 16,120 |
| Fed Cull Cow Sales | | | | |
| Cull Bull Sales | 1 | 1,700 | 82 \$ / cwt | 1,394 |
| Cull Replacement Sales | | | | |
| Gross Income | | | | 95,154 |

| Variable Costs | | | | Herd Total |
|--------------------------------|---------------|--------------|-------------|-------------------|
| Animal Purchases | Number | Price | | Total |
| Replacement Females | 10 | 2,000 | \$ per head | 20,000 |
| Bulls | 1.0 | 3,000 | \$ per head | 3,000 |
| Total Animals Purchased | | | | 23,000 |

| Feed | Amount | | Price | Total |
|----------------------------|---------------|------------|---------------------|---------------|
| Creep Feed | | ton @ | 350.00 per ton | |
| Pasture | 138.20 | 5 months @ | 240.00 per 5 months | 33,168 |
| Grass Hay | 187.47 | ton @ | 95.00 per ton | 17,810 |
| Alfalfa | | ton @ | 100.00 per ton | |
| DDG Cubes | | ton @ | 240.00 per ton | |
| Salt and Mineral | 6.25 | ton @ | 1400.00 per ton | 8,751 |
| Modified Distiller's Grain | 108.00 | ton @ | 100.00 per ton | 10,800 |
| Corn | | bu @ | 6.50 per bu | |
| Wet Distiller's Grain | 8.03 | ton @ | 100.00 per ton | 803 |
| Corn Stalks | 16,590.00 | days @ | 0.40 per day | 6,636 |
| Total Feed | | | | 77,968 |

| Other Variable | Total |
|----------------------------|--------------|
| Labor | 1,200 |
| Fuel / transportation | 2,400 |
| Veterinary and Medical | 3,600 |
| Cull Cow Marketing | 700 |
| Cull Bull Marketing | 35 |
| Cull Replacement Marketing | |
| Weaned Calf Marketing | 2,425 |
| Wintered Calf Marketing | |
| Stocker Marketing | |
| Feedlot Marketing | |

| | | |
|---------------------------------|--|--------------------|
| Operations Interest | Calculations: Operations interest rate times feed and other variable expenses except marketing divided by two. | 2,765 |
| | Total Other | 13,125 |
| | Total Variable Costs | 114,093 |
| Fixed Cash Costs | | |
| Depreciables Input Costs | Repairs | Herd Total |
| | | Total |
| Fencing | 1000 | 1,000 |
| Machinery | 2000 | 2,000 |
| Vehicles | 1000 | 1,000 |
| Barn | 500 | 500 |
| | 1000 | 1,000 |
| | Total Ownership | 5,500 |
| Overhead and Management | | Total |
| Real Estate Tax | | |
| Insurance | | 1,500 |
| Professional Fees | | 750 |
| Management | | |
| Other | | |
| | Total Overhead | 2,250 |
| | Total Fixed Cash Costs | 7,750 |
| | Total Cash Costs | 121,843 |
| | Net Cash Income | (26,689) |
| Non-Cash Costs | | |
| Depreciables Costs | Depre-ciation | Opportunity |
| | | Total |
| Fencing | 2,000 | 1,500 |
| Machinery | 5,000 | 2,250 |
| Vehicles | 2,857 | 900 |
| Barn | 1,000 | 900 |
| | 1,333 | 900 |
| Opportunity | | |
| Real Estate Opportunity | Investment rate times real estate value | |
| Livestock | Investment rate times livestock value | 5,678 |
| | Total Non-Cash Costs | 24,318 |
| Total Cash and Non-Cash | | Herd Total |
| | Total Costs | 146,161 |
| | Net Total Income | (51,007) |