

Replacement Dairy Heifers Projected Budget for 2018

Dairy calves purchased at birth, raised, bred, and sold at 24 months. No milk sold.

| | | Your Estimate |
|---|---------------------|----------------------|
| ESTIMATED INCOME/HEIFER | | |
| Heifer sales: | | |
| Springer heifer (0.95 head x \$1400/head) | \$1,330.00 | _____ |
| Cull heifer (0.025 head x 1300 lbs. x \$100/cwt) | 32.50 | _____ |
| Yearling heifer (0.025 head x 725 lbs. x \$100/cwt) | 18.13 | _____ |
| Less death loss (4% of purchased calves) | (7.00) | _____ |
| Total Income | \$1,373.63 | _____ |
| ESTIMATED OPERATING COSTS/HEIFER SOLD | | |
| Purchased heifer calf (\$175/head) | \$175.00 | _____ |
| Interest on heifer calf investment | 18.20 | _____ |
| Feed (birth to 24 months of age) | 709.10 | _____ |
| Labor (10 hours @ \$12.5/hour) | 125.00 | _____ |
| Veterinary, drugs, and supplies | 25.00 | _____ |
| Breeding costs for AI services | 45.00 | _____ |
| Transportation and marketing | 15.00 | _____ |
| Utilities, fuel, oil | 18.75 | _____ |
| Building and equipment repairs | 9.68 | _____ |
| Miscellaneous | 15.00 | _____ |
| Operating interest (1/2 of operating costs x 5% for 24 months) | 24.06 | _____ |
| Total Operating Costs | \$1,179.79 | _____ |
| ESTIMATED OWNERSHIP COSTS/HEIFER SOLD | | |
| Depreciation on buildings and equipment | \$52.09 | _____ |
| Interest on buildings and equipment | 26.61 | _____ |
| Insurance and taxes on buildings and equipment | 14.08 | _____ |
| Total Ownership Costs | \$92.78 | _____ |
| Estimated Total Costs/Heifer Sold | \$1,272.56 | _____ |
| Income over Total Costs/Heifer Sold | \$101.06 | _____ |
| Springer heifer breakeven price/head | \$1,293.62 | _____ |
| Total cost/day per heifer sold | \$1.50 | _____ |
| Total cost/pound of gain per heifer sold | \$0.91 | _____ |

Prepared by Joe Horner and Ryan Milhollin, Extension Economists.

10/31/2017