2020/2022 Cost of Production

Bison Bull Feedlot Finishing

Manitoba
Guidelines For Estimating

Bison Bull Finishing Costs
For Weight Range of 750 -1100 lbs
Based on 300 Head

Date: June, 2019

This guide is designed to provide you with planning information and a format for calculating costs of production of a bison bull finishing enterprise in Manitoba. General Manitoba Agriculture recommendations are assumed in using feed and veterinary inputs. These figures provide an economic evaluation of the livestock and estimated prices required to cover all costs. Costs include labour, investment and depreciation, but do not include management costs, nor do they necessarily represent the average cost of production in Manitoba.

Finishing generally refers to the feeding of bulls from backgrounding until they are ready for market on a high concentrate finishing ration. An example of a typical finishing operation would be, feed 750 pound bulls to gain 1.75 to 2.0 pounds per day for approximately 200 days to produce 1000 to 1100 pound finished feeders.

These budgets may be adjusted by putting in your own figures. As a producer you are encouraged to calculate your own costs of production. Good management is assumed in that a balanced ration is being fed, livestock are on a herd health program and handling facilities are included.

This tool is available as an Excel worksheet at: www.manitoba.ca/agriculture
or at your local Manitoba Agriculture office.

The Farm Machinery Custom and Rental Rate is also available to help determine machinery costs.

Note: This budget is only a guide and is not intended as an in-depth study of the cost of production of this industry. Interpretation and use of this information is the responsibility of the user. If you need help with a budget, contact your local Manitoba Agriculture office.
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Risk & Sensitivity Analysis (Stress Test)

Percent Market Price Change | -10.0%
Percent Feed Cost Change      | 10.0%
Percent Feeder Cost Change   | 5.0%

<table>
<thead>
<tr>
<th>Per Head</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Market Price ($ per cwt)</td>
<td>$265.50</td>
</tr>
<tr>
<td>Feed Cost</td>
<td>$486.63</td>
</tr>
<tr>
<td>Feeder Cost</td>
<td>$2,375.83</td>
</tr>
</tbody>
</table>

Stress Test Scenario = Market Price Down 10%, Feed Price Up 10% and Feeder Cost Up 5%

Operating Costs       | $3,112.84
Total Costs           | $3,213.29
Gross Revenue / feeder | $2,686.86

Marginal Returns
- Over Operating Costs ($425.98)
- Over Operating & Labour Costs ($491.98)
- Over Total Costs (Net Profit) ($526.43)

Operating Expense Ratio | 115.9%

Estimated Breakeven Canadian Dollar Analysis*

<table>
<thead>
<tr>
<th>Est. Market Price ($/cwt Cdn) @ 0.7500 Cdn per USD</th>
</tr>
</thead>
<tbody>
<tr>
<td>$285.00</td>
</tr>
</tbody>
</table>

Breakeven CDN Dollar ($1 Cdn = $ USD)
- Operating Costs: 0.7319 | 0.7448 | 0.7576 | 0.7704 | 0.7833
- Operating & Labour Costs: 0.7159 | 0.7285 | 0.7410 | 0.7536 | 0.7662
- Operating, Fixed & Labour Costs: 0.7079 | 0.7203 | 0.7327 | 0.7451 | 0.7575

Breakeven Canadian Dollar = (Est. Market Price ($/lb) x Shrunken Wt. (lbs) x $ Cdn per USD) / Cost
(eg. ($2.95 x 1012 lbs x $0.7500) / $3055.92) = 0.7327

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### Herd Profile

Number of Feeders Purchased | 300 head
---|---
Feeder Bull Mortality Rate | 0.50 %
Feeder Purchased Weight | 750 lbs
Feeder Bull Price | $300.00 /cwt
Finish Weight | 1,100 lbs
Finish Selling Price | $295.00 /cwt

$1 Canadian Dollar ($1.3333 CDN) | $0.7500 / $1 USD

Percent Shrink - finished | 8.00 %
Percent Shrink - feeder | 3.00 %
Average Daily Gain | 1.85 lbs/day
Dressing Percentage | 57.00 %

Days On Feed | 201 days

Total Feed Cost per Bull | $442.39
Average Feed Cost per Day | $2.20
Feed Cost per lb. of Gain Sold (shrunk weight) | $1.552

Total Pounds of Gain | 350
Total Pounds of Gain (Shrunk Weight) | 285

Footnote: 1 kilogram (kg) = 2.2046 pounds (lbs)

<table>
<thead>
<tr>
<th>Feeds</th>
<th>Cost</th>
<th>Feeder Bison Requirement</th>
<th>Days Fed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grass Hay</td>
<td>$100.00 /ton</td>
<td>8.00 lbs/day</td>
<td>201</td>
</tr>
<tr>
<td>Alfalfa Grass Hay</td>
<td>$0.00 /ton</td>
<td>0.00 lbs/day</td>
<td>0</td>
</tr>
<tr>
<td>Silage</td>
<td>$0.00 /ton</td>
<td>0.00 lbs/day</td>
<td>201</td>
</tr>
<tr>
<td>Grain/concentrate</td>
<td>$0.100 /lb</td>
<td>16.50 lbs/day</td>
<td>201</td>
</tr>
<tr>
<td>Salt</td>
<td>$0.14 /lb</td>
<td>9.00 lbs/feeder</td>
<td></td>
</tr>
<tr>
<td>Mineral</td>
<td>$0.73 /lb</td>
<td>40.00 lbs/feeder</td>
<td></td>
</tr>
</tbody>
</table>

**Other Operating Costs**

**Straw**
- Annual Requirement: 0.125 tonnes/feeder
- Cost: $40.00 /tonne

**Veterinary Medicine & Supplies**
- Feeder Medication
  - Blackleg (8 way vaccine): $0.83 /feeder
  - Vitamin: $0.00 /feeder
  - Parasite Control: $3.80 /feeder
Herd Health Program
Professional Services
Total Yearly Hours 1 hours
Rate $175.00 /hour

Transportation
Total Distance (round trip) 160 km
Charge per km $0.80
Number of yearly visits 1

Annual Fuel & Repair Costs
a) Machinery Fuel Costs - Winter Feeding
   Tractor with Loader PTO hp 120
   Diesel Fuel Cost $1.05 /litre
   Tractor Hours Per Day (average) 1.50 hours
b) Machinery Repair (% of investment cost) 1.00 %
c) Building & fence repair (% of investment cost) 2.00 %

Utilities
- Rate $0.08527 / kWh
  15 kWh per feeder $383.72
  2 1000 watt waterer $905.57
Total Hydro $1,289.28
Water $0.00
Telephone $600.00

Trucking to Feedlot
Distance to packing plant 150 miles
Trucking cost $5.50 /loaded mile
Number of head per load 65

Trucking Cost
Trucking cost Rate/loaded mile $5.50 /loaded mile
Milage, distance to market 750 miles
Truck capacity # head 50 head

Manure Removal
Manure volume produced 0.024 m³/feeder/day
Manure volume shrinkage 75 %
Cost for manure removal & application $10.00 /cubic yard

Insurance
Cost per $100 Capital Invested in:
   Livestock $0.45
   Buildings & Equipment $0.40
   Additional Coverage for Liability $49.00
**Capital Costs**

<table>
<thead>
<tr>
<th>Category</th>
<th>Original Value</th>
<th>Salvage Value</th>
<th>Useful Life</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Handling Facilities</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Land &amp; Landscaping</td>
<td>$10,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Waterers</td>
<td>$6,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Squeeze, Gates &amp; Scale</td>
<td>$20,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well &amp; Pressure System</td>
<td>$8,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pens (Working &amp; Sorting)</td>
<td>$42,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Building Cost</strong></td>
<td>$86,000</td>
<td>0 %</td>
<td>20 years</td>
</tr>
<tr>
<td><strong>Equipment</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Self Feeder</td>
<td>$27,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hay Feeders</td>
<td>$2,500</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>$2,500</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Equipment Cost</strong></td>
<td>$32,000</td>
<td>0 %</td>
<td>25 years</td>
</tr>
<tr>
<td><strong>Machinery</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tractors &amp; Loader ($120,000 @ 30%)</td>
<td>$36,000</td>
<td>20 %</td>
<td>15 years</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>$20,000</td>
<td>20 %</td>
<td>10 years</td>
</tr>
<tr>
<td><strong>Total Capital Investment</strong></td>
<td>$154,000</td>
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</table>

**Labour Costs**

<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Hours</td>
<td>3.0 head/year</td>
</tr>
<tr>
<td>Wage</td>
<td>$22.00 /hour</td>
</tr>
</tbody>
</table>
**Bison Bull Finishing Cost Worksheet**  
**Based on 300 head**

**Assumptions**  
1. This budget assumes the weaning and/or purchase weight of bison bull calves to be approximately 750 lbs. Finish weight would be assumed to be 1100 lbs.
2. This budget assumes a shrink (lot to slaughter plant) of 8%. Shrunk Weight weight = 1012 lbs.
3. Average Daily Gain = 1.85 lbs per day.
4. Time frame from start to finish is approximately 201 days, 201 days on finishing ration and moderate quality hay and 0 days with supplemental good quality hay.
5. Grain ration is prepared (minerals and salt included).
6. This budget is based an a finishing enterprise of 300 bulls.

### A. Operating Costs

#### 1. Feed Costs

1.01 Forage

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
<th>Description</th>
<th>Cost</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grass Hay</td>
<td>201</td>
<td>days on ration</td>
<td>$100.00/ton</td>
<td>$80.40/feeder</td>
</tr>
<tr>
<td></td>
<td></td>
<td>8.0 lbs/feeder/day</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>$100.00/ton</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>x</td>
<td>$80.40 /feeder</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Other Hay

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
<th>Description</th>
<th>Cost</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>days on hay</td>
<td>$0.00/ton</td>
<td>$0.00/feeder</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0 lbs/feeder/day</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>x</td>
<td>$0.00 /ton</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>$0.00 /feeder</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Silage

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
<th>Description</th>
<th>Cost</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>201</td>
<td>days on hay</td>
<td>$0.00/ton</td>
<td>$0.00/feeder</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0 lbs/feeder/day</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>x</td>
<td>$0.00 /ton</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>$0.00 /feeder</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total** $80.40 /feeder

1.02 Grain/Concentrate

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
<th>Description</th>
<th>Cost</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>201</td>
<td>days on feed</td>
<td>$0.100/lb</td>
<td>$331.65 /feeder</td>
</tr>
<tr>
<td></td>
<td></td>
<td>16.5 lbs/feeder/day</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>x</td>
<td>$0.100 /lb</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>$331.65 /feeder</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1.03 Salt & Minerals

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
<th>Description</th>
<th>Cost</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>9.00</td>
<td>lbs salt/feeder</td>
<td>$0.14/lb</td>
<td>$1.26/feeder</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>x</td>
<td>$0.14 /lb</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>$1.26 /feeder</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
<th>Description</th>
<th>Cost</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>40.00</td>
<td>lbs mineral/feeder</td>
<td>$0.73/lb</td>
<td>$29.08/feeder</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>x</td>
<td>$0.73 /lb</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>$29.08 /feeder</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
A. Operating Costs

\[ \text{Your Cost} = \$30.34 \text{ /feeder} \]

2. Other Operating Costs

2.01 Feeder Bison Cost

\[ \text{750 lbs/feeder} \times \$300.00 \text{ /cwt} + \frac{100 \text{ lbs/cwt}}{100 \text{ lbs/cwt}} = \$2,250.00 \text{ /feeder} \]

\[ 150 \text{ miles} \times \$5.50 \text{ /loaded mile} ÷ 65 \text{ head load capacity} = \$12.69 \text{ /feeder} \]

\[ \text{Total} = \$2,262.69 \text{ /feeder} \]

2.02 Straw

\[ \$0.13 \text{ tonnes/feeder/year} \times \$40.00 \text{ /tonne} = \$5.00 \text{ /feeder} \]

2.03 Veterinary Medicine & Supplies

Medication

\[ \$0.83 \text{ blackleg} + \$0.00 \text{ vitamin} + \$3.80 \text{ parasite control} = \$4.63 \text{ /feeder} \]

Herd health program

\[ \$175.00 \text{ /hour charge} \times 1 \text{ hours} ÷ 300 \text{ feeders} = \$0.58 \text{ /feeder} \]

Mileage

\[ \$0.80 \text{ /km charge} \times 160 \text{ kilometres} \times 1 \text{ visits} \times 300 \text{ feeders} = \$0.43 \text{ /feeder} \]

Total \[ \text{Total} = \$5.64 \text{ /feeder} \]

2.04 Annual Fuel & Repair Costs

Machinery fuel cost

\[ 120 \text{ PTO hp} + 2.5 \text{ avg HP required} \times 0.1665576 \text{ litres fuel/hour/hp} \times 1.50 \text{ hours per day} \]
A. Operating Costs

x $1.05 diesel / litre
x 201 days on feed
$2,530.94 annual fuel cost
÷ 300.00 feeders
= $8.44 /feeder

Machinery repair & maintenance
$88,000 machinery capital cost
x 1.00 % repair rate
= $880.00 oil, repairs & maintenance
÷ 300.00 feeders
= $2.93 /feeder

Building & fence repair
$86,000 building capital cost
x 2.00 % repair rate
= $1,720.00 oil, repairs & maintenance
÷ 300.00 feeders
= $5.73 /feeder

Total = $17.10 /feeder

2.05 Utilities
$1,889 cost/year
÷ 300 feeders
= $6.30 /feeder

2.06 Trucking Costs
$5.50 $/loaded mile
x 750 distance miles
÷ 50 head load capacity
= $82.50 /feeder

2.07 Insurance
$154,000 building & equipment value
x $0.40 cost/$100 capital
÷ 100
+ 300 feeders
= $2.05 /feeder

$2,250 feeder investment
x $0.80 cost/$100 capital
÷ 100
= $18.00 /feeder

Total = $20.05 /feeder

2.08 Manure Removal
201 days on feed
x 0.024 m³/feeder/day
= 4.82 m³ manure volume
A. Operating Costs

\[
\begin{align*}
\times & \quad 75 \% \text{ volume shrink} \\
\times & \quad 1.30795 \text{ yd}^3 \text{ per m}^3 \\
\times & \quad \$10.00 \text{ yd}^3 \text{ manure removal cost} \\
= & \quad \$15.77 /\text{feeder}
\end{align*}
\]

2.09 Barn & Office Supplies

\[
\begin{align*}
1,400 \text{ total barn expenses} \\
\div & \quad 300 \text{ feeders} \\
= & \quad \$4.67 /\text{feeder}
\end{align*}
\]

2.10 Death Loss

\[
\begin{align*}
\$2,262.69 \text{ feeder cost} \\
+ & \quad \$2,862.12 \text{ maximum value} \\
- & \quad \$82.50 \text{ marketing cost} \\
+ & \quad 2.00 \text{ average value} \\
\times & \quad 0.5 \% \text{ mortality} \\
= & \quad \$12.61 /\text{feeder}
\end{align*}
\]

2.11 Operating Interest

\[
\begin{align*}
\$2,250.00 \text{ feeder cost} \\
+ & \quad \$299.71 \frac{1}{2} \text{ of feed & other costs} \\
\times & \quad 5.8 \% \text{ operating interest} \\
\times & \quad 201 \text{ days on feed} \\
\div & \quad 365 \text{ 365 days per year} \\
= & \quad \$80.74 /\text{feeder}
\end{align*}
\]

Capital Investment

Handling Facilities
- Land & Landscaping $10,000
- Waterers $6,000
- Squeeze, Gates & Scale $20,000
- Well & Pressure System $8,000
- Pens (Working & Sorting) $42,000
Total Building Cost $86,000

Machinery & Equipment
- Self Feeder $27,000
- Hay Feeders & Miscellaneous $2,500
- Miscellaneous $2,500
- Tractor & Loader $36,000
- Miscellaneous $20,000
Total $88,000

Total Capital Investment $174,000

B. Fixed Costs
## A. Operating Costs

### 3. Depreciation

<table>
<thead>
<tr>
<th></th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Original Cost - Salvage Value</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Useful Life</strong></td>
<td></td>
</tr>
</tbody>
</table>

#### 3.01 Buildings

- Original Value: $86,000
- Salvage Value: $0
- Useful Life: 20 years
- Feeders: 300

\[
\text{Depreciation} = \frac{\text{Original Value} - \text{Salvage Value}}{\text{Useful Life} \times \text{Feeders}} = \frac{86,000 - 0}{20 \times 300} = \frac{86,000}{6000} = 14.33 \text{ /feeder}
\]

#### 3.02 Equipment

- Original Value: $32,000
- Salvage Value: $0
- Useful Life: 25 years
- Feeders: 300

\[
\text{Depreciation} = \frac{\text{Original Value} - \text{Salvage Value}}{\text{Useful Life} \times \text{Feeders}} = \frac{32,000 - 0}{25 \times 300} = \frac{32,000}{7500} = 4.27 \text{ /feeder}
\]

#### 3.02 Machinery

- Original Value: $36,000
- Salvage Value: $2,030
- Useful Life: 15 years
- Feeders: 300

\[
\text{Depreciation} = \frac{\text{Original Value} - \text{Salvage Value}}{\text{Useful Life} \times \text{Feeders}} = \frac{36,000 - 2,030}{15 \times 300} = \frac{33,970}{4500} = 7.55 \text{ /feeder}
\]

### 4. Investment

<table>
<thead>
<tr>
<th></th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>(\text{Original Cost} + \text{Salvage Value} \times\text{Investment Rate})</td>
<td></td>
</tr>
</tbody>
</table>

#### 4.01 Buildings

- Total Building Value: $86,000
- Salvage Value: $0
- Average: 2
- % Investment Interest: 2.75
- Feeders: 300

\[
\text{Investment} = \frac{\text{Total Building Value} + \text{Salvage Value} \times \text{Investment Rate}}{\text{Average} \times \text{Feeders}} = \frac{86,000 + 0 \times 2.75}{2 \times 300} = \frac{86,000}{600} = 3.94 \text{ /feeder}
\]

#### 4.02 Machinery & Equipment

- Original Value: $88,000
- Salvage Value: $7,200
- Average: 2
- % Investment Interest: 2.75
- Feeders: 300

\[
\text{Investment} = \frac{\text{Original Value} + \text{Salvage Value} \times \text{Investment Rate}}{\text{Average} \times \text{Feeders}} = \frac{88,000 + 7,200 \times 2.75}{2 \times 300} = \frac{88,000 + 19,800}{600} = \frac{107,800}{600} = 4.36 \text{ /feeder}
\]

### C. Labour

- Hours/feeder/year: 3.0
- Hourly Rate: $22.00

\[
\text{Labour Cost} = \text{Hours/feeder/year} \times \text{Hourly Rate} = 3.0 \times 22.00 = 66.00 \text{ /feeder}
\]
## Breakeven Calculations

<table>
<thead>
<tr>
<th>Cost per lb of gain sold (shrunk weight)</th>
<th>Feed Costs</th>
<th>Operating Costs</th>
<th>Operating &amp; Labour Costs</th>
<th>Operating &amp; Fixed</th>
<th>Total Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$442.39 feed cost</td>
<td>$2,955.47 operating costs</td>
<td>$3,021.47 operating &amp; labour</td>
<td>$2,989.92 oper. &amp; fixed costs</td>
<td>$3,055.92 total costs</td>
</tr>
<tr>
<td></td>
<td>÷ 285 lbs gained weight</td>
<td>- $2,262.69 feeder cost</td>
<td>- $2,262.69 feeder cost</td>
<td>- $2,262.69 feeder cost</td>
<td>- $2,262.69 feeder cost</td>
</tr>
<tr>
<td></td>
<td>= $1.55 /lb (gain sold)</td>
<td>÷ 285 lbs gained weight</td>
<td>= $2.43 /lb (gain sold)</td>
<td>÷ 285 lbs gained weight</td>
<td>= $2.66 /lb (gain sold)</td>
</tr>
</tbody>
</table>

### Breakeven selling price (shrunk weight)

- **Operating Costs**
  - $2,955.47 operating costs
  - ÷ 1,012 lbs shrunk weight
  - = $2.92 /lb

- **Operating & Labour Costs**
  - $3,021.47 operating & labour
  - ÷ 1,012 lbs shrunk weight
  - = $2.99 /lb

- **Operating & Fixed**
  - $2,989.92 oper. & fixed costs
  - ÷ 1,012 lbs shrunk weight
  - = $2.95 /lb

- **Total Costs**
  - $3,055.92 total costs
  - ÷ 1,012 lbs shrunk weight
  - = $3.02 /lb
### Breakeven purchase price (shrunk weight)

#### Operating Costs

<table>
<thead>
<tr>
<th>Calculation</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,012 lbs shrunk weight x $295.00 $/cwt selling price</td>
<td>$2,985.40 income</td>
</tr>
<tr>
<td>- $692.77 operating less feeder cost</td>
<td></td>
</tr>
<tr>
<td>÷ 750 lbs purchase weight</td>
<td>$3.06 /lb</td>
</tr>
</tbody>
</table>

#### Operating & Labour Costs

<table>
<thead>
<tr>
<th>Calculation</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,012 lbs shrunk weight x $295.00 $/cwt selling price</td>
<td>$2,985.40 income</td>
</tr>
<tr>
<td>- $758.77 operating less feeder cost</td>
<td></td>
</tr>
<tr>
<td>÷ 750 lbs purchase weight</td>
<td>$2.97 /lb</td>
</tr>
</tbody>
</table>

#### Operating & Fixed

<table>
<thead>
<tr>
<th>Calculation</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,012 lbs shrunk weight x $295.00 $/cwt selling price</td>
<td>$2,985.40 income</td>
</tr>
<tr>
<td>- $727.22 op. &amp; fixed less feeder cost</td>
<td></td>
</tr>
<tr>
<td>÷ 750 lbs purchase weight</td>
<td>$3.01 /lb</td>
</tr>
</tbody>
</table>

#### Total Costs

<table>
<thead>
<tr>
<th>Calculation</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,012 lbs shrunk weight x $295.00 $/cwt selling price</td>
<td>$2,985.40 income</td>
</tr>
<tr>
<td>- $793.22 total less feeder cost</td>
<td></td>
</tr>
<tr>
<td>÷ 750 lbs purchase weight</td>
<td>$2.92 /lb</td>
</tr>
</tbody>
</table>

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Created and maintained by [Manitoba Agriculture Farm Management](mailto:Manitoba.Agriculture.Farm.Management@ma.gov.ca) June, 2019

For more information, contact your local [Manitoba Agriculture office](mailto:Manitoba.Agriculture.Office@ma.gov.ca) or:

- **Benjamin Hamm**
  Farm Management Specialist

- **Roy Arnott**
  Farm Management Specialist

- **Michelle Gaudry**
  Livestock Industry Development Specialist
Contact us

• Go to manitoba.ca/agriculture
• Toll free at 1-844-769-6224
• Email us at mbfarmbusiness@gov.mb.ca
• Follow us on Twitter @MBGovAg
• Visit your local Manitoba Agriculture Office

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