

# Guidelines For Estimating **Organic Backgrounding Costs**

For Weight Range of 575 - 900 lbs  
Based on 150 Head

**Date:** January, 2009

The following is an estimate of the costs of production associated with organic backgrounding feeder calves. The purpose of this budget is to assist Manitoba livestock producers to calculate their own costs and take into consideration the factors that should be included when budgeting to determine breakeven prices.

For the purposes of this budget, backgrounding refers to the feeding and managing of retained organic calves of the same operation from weaning until they are put onto a finishing ration. In general calves fed from weaning to 800-900 pounds are referred to as background feeders. An example of a typical backgrounding operation would be, feed 575 pound steers to gain 1.5-2.5 pounds per day for approximately 100-250 days to produce 800-900 pound backgrounded feeders.

The assumptions on which costs are calculated are clearly defined in the supporting pages. When interpreting these costs for an individual situation, adjustments may be required. Note that on farm feed costs are based on market prices at the farm. It is assumed that all feed is grown on the farm, except for supplements. Each assumption must be examined and adjustments made where necessary, to apply to the producer's own situation.

**Disclaimer:** This budget is only a guide and is not intended as an in depth study of the cost of production of the Manitoba cattle industry. Interpretation and utilization of this information is the responsibility of the user. If you require assistance with developing your individual budget, please contact your local MAFRI Business Development Specialist or Livestock Farm Production Extension Specialist.

### Overview of the Organic Livestock Industry in Manitoba

The organic farming sector has seen growth in recent years in response to increased consumer demand for organic food products.

Producers have experienced price premiums above conventionally produced livestock, which compensates for the higher input costs related to organic feed.

One of the basic requirements of the organic production system is that 'prohibited substances such as synthetic fertilizers and pesticides must not have been used for at least 36 months before the harvest of any crop'.

To transition livestock to certified organic, animals must be fed an organic ration for a minimum of the third trimester before calving. An individual beef animal must be managed according to the organic standards beginning no later than the start of the last third gestation period (of the dam) (CAN/CGSB-32.310-2006, 6.2.2). The individual cattle in the original conventional herd will never receive organic status, and they cannot be sold for slaughter as organic, nor can their meat be sold or represented as organic. However, they can receive the status of "Organic Breeding Stock", which designates that they are managed organically and that their offspring will be eligible for full "Organic" status (CAN/CGSB-32.310-2006, 6.2).

This budget shows transfer of calves from an organic cow calf operation rather than being purchased at the market.

Certified organic livestock must be certified to government-regulated standards on an annual basis by a certification agency. Land must be certified because livestock must have access to pastures, and the pastures must be certified organic (CAN/CGSB-32.310-2006 6.1.3).

Manure from organic cattle must be composted for a period of 6-12 months prior to being spread on organic land, though this requirement may vary by certifying agency. Manure from conventional cattle must be composted for a period of 24-36 months prior to being spread on organic land, though this requirement may vary by certifying agency.

For more information on all aspects of the organic industry, check out the Organic Agriculture page on the MAFRI website at :  
**<http://www.gov.mb.ca/agriculture/organic>**



## Organic Backgrounding Cattle Production Cost Summary, January, 2009

<b>A. Operating Costs</b>	<b><u>Conventional</u></b>	<b><u>Organic</u></b>	<b><u>Your Cost</u></b>
<b>1. Feed Costs</b>			
1.01 Ground Barley	\$53.69	\$97.50	_____
1.02 Barley Silage	\$71.00	\$85.68	_____
1.03 Hay	\$2.06	\$2.44	_____
1.04 Supplement	\$16.80	\$18.61	_____
<b>Total Feed Costs</b>	<b>\$143.55</b>	<b>\$204.23</b>	_____
<b>2. Other Operating Costs</b>			
2.01 Feeder Cost	\$751.81	\$835.19	_____
2.02 Straw	\$5.20	\$5.76	_____
2.03 Veterinary Medicine & Supplies	\$26.70	\$11.13	_____
2.04 Annual Fuel & Repair Costs	\$6.00	\$6.00	_____
2.05 Utilities	\$3.80	\$3.80	_____
2.06 Feeder Selling Cost	\$34.00	\$20.50	_____
2.07 Insurance	\$1.59	\$1.59	_____
2.08 Manure Removal	\$6.40	\$6.40	_____
2.09 Barn & Office Supplies	\$3.33	\$3.33	_____
2.10 Death Loss	\$17.00	\$17.84	_____
Subtotal Operating Costs	\$999.38	\$1,115.77	_____
2.11 Operating Interest	\$20.27	\$24.59	_____
<b>Total Operating Costs</b>	<b>\$1,019.65</b>	<b>\$1,140.36</b>	_____
<b>B. Fixed Costs</b>			
<b>3. Depreciation</b>			
3.01 Buildings	\$5.63	\$5.63	_____
3.02 Machinery & Equipment	\$12.48	\$12.48	_____
<b>4. Investment</b>			
4.01 Buildings	\$2.75	\$2.75	_____
4.02 Machinery & Equipment	\$3.74	\$3.74	_____
<b>Total Fixed Costs</b>	<b>\$24.60</b>	<b>\$24.60</b>	_____
<b>Total Operating and Fixed Costs</b>	<b>\$1,044.25</b>	<b>\$1,164.96</b>	_____
<b>C. Labour</b>	\$22.00	\$22.00	_____
<b>Total Cost of Production</b>	<b>\$1,066.25</b>	<b>\$1,186.96</b>	_____
<b>Cost per lb of gain sold</b>	<b><u>\$/cwt</u></b>	<b><u>\$/cwt</u></b>	
Feed Costs	\$52.97	\$75.36	_____
Operating Costs	\$98.83	\$112.61	_____
Operating Costs & Labour	\$106.95	\$120.73	_____
Operating & Fixed Costs	\$107.91	\$121.69	_____
Total Costs	\$116.03	\$129.80	_____
<b>Breakeven Selling Price</b>			
Operating Costs	\$120.53	\$134.79	_____
Operating Costs & Labour	\$123.13	\$137.39	_____
Operating & Fixed Costs	\$123.43	\$137.70	_____
Total Costs	\$126.03	\$140.30	_____

**Disclaimer:** 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 utilization of this information is the responsibility of the user. No liability for decisions based on this publication is assumed.

## Conventional Assumptions

1. Average daily gain (ADG) was assumed to be 2.5 lbs/day.
2. It was assumed the feeder steer weighed in at 575 lbs. shrunk weight, and was raised to 900 lbs (846 lbs after 6 % shrink).
3. Days on feed was 130.
4. Investment in facilities and equipment was assumed to handle 150 head.

## Backgrounding Cattle Production Cost Worksheet

### A. Operating Costs

Your Cost

#### 1. Feed Costs

##### 1.01 Ground Barley

		130.00	days on ground barley	
x		6.50	lbs/feeder/day	
÷		48.00	lbs/bu	
<u>x</u>		<u>\$3.05</u>	/bu	
=		<b>\$53.69</b>	/feeder	

##### 1.02 Barley Silage

		130.00	days on silage	
x		34.00	lbs/feeder/day	
÷		2000.00	lbs/ton	
<u>x</u>		<u>\$32.00</u>	/ton	
=		<b>\$71.00</b>	/feeder	

##### 1.03 Hay

		15.00	days on hay	
x		5.00	lbs/feeder/day	
÷		2000.00	lbs/ton	
<u>x</u>		<u>\$55.00</u>	/ton	
=		<b>\$2.06</b>	/feeder	

##### 1.04 Supplement( Salt,Minerals,Vitamins, Ionophore)

		130.00	days on supplement	
x		1.00	lbs/feeder/day	
÷		2205.00	lbs/tonne	
<u>x</u>		<u>\$285.00</u>	/tonne	
=		<b>\$16.80</b>	/feeder	

**2. Other Operating Costs****2.01 Feeder Cattle Cost**

Commission	\$0.00	/feeder	_____
Insurance	\$0.00	/feeder	_____
Trucking-in	\$0.00	/cwt	_____
x	575	lbs/feeder	_____
÷	<u>100</u>	<u>lbs/cwt</u>	_____
=	\$0.00	/feeder	_____
Feeder	575	lbs/feeder	_____
x	\$130.75	/cwt	_____
÷	<u>100</u>	<u>lbs/cwt</u>	_____
=	\$751.81	/feeder	_____
<b>Total =</b>	<b>\$751.81</b>	<b>/feeder</b>	_____

**2.02 Straw**

	4.00	lbs/feeder/day	_____
x	130.00	days on feed	_____
x	<u>\$20.00</u>	<u>/ton</u>	_____
=	<b>\$5.20</b>	<b>/feeder</b>	_____

**2.03 Veterinary Medicine & Supplies****Cattle Medication**

	\$4.80	IBR,BVD,PI3,BRSV,Pastarella	_____
+	\$0.65	Vitamin A-D	_____
+	\$2.11	External & Internal Parasites	_____
+	\$2.30	Blackleg & Haemophilus	_____
+	\$1.71	Growth Implants	_____
+	<u>\$4.00</u>	<u>Antibiotics</u>	_____
=	\$15.57	/feeder	_____

**Herd Health Program****Professional Services**

	\$135.00	/hour charge	_____
x	10.00	hours	_____
÷	<u>150.00</u>	<u>feeder cattle</u>	_____
=	\$9.00	/feeder	_____

**Transportation Costs**

	\$1.00	/km charge	_____
x	80	kilometres	_____
x	4	visits	_____
÷	<u>150</u>	<u>feeder cattle</u>	_____
=	\$2.13	/feeder	_____

**Total =** **\$26.70** /feeder \_\_\_\_\_

#### 2.04 Annual Fuel & Repair Costs

	\$300.00	repairs	_____
+	\$600.00	fuel costs	_____
÷	<u>150</u>	<u>feeder cattle</u>	_____
=	<b>\$6.00</b>	<b>/feeder</b>	_____

#### 2.05 Utilities

	\$570.00	cost/year	_____
÷	<u>150</u>	<u>feeder cattle</u>	_____
=	<b>\$3.80</b>	<b>/feeder</b>	_____

#### 2.06 Feeder Selling Cost

##### Trucking

	900	lbs/feeder	_____
÷	100	lbs/cwt	_____
x	<u>\$1.50</u>	<u>trucking cost/cwt</u>	_____
=	\$13.50	/feeder	_____

##### MCEC Fee, MCPA levy, selling commission

	\$2.00	MCEC Fee	_____
+	\$3.00	MCPA Levy	_____
±	<u>\$15.50</u>	<u>commission</u>	_____
=	\$20.50	/feeder	_____

**Total =** **\$34.00** /feeder \_\_\_\_\_

#### 2.07 Insurance

	\$42,150	building & equipment investment	_____
x	\$0.45	/\$100 capital	_____
÷	100	/\$100	_____
÷	<u>150</u>	<u>feeder cattle</u>	_____
=	\$1.26	/feeder	_____

	\$121,186	herd investment	_____
x	\$0.00	/\$100 capital	_____
÷	100	/\$100	_____
÷	<u>150</u>	<u>feeder cattle</u>	_____
=	\$0.00	/feeder	_____

	\$49.00	additional coverage for liability	_____
÷	<u>150</u>	<u>feeder cattle</u>	_____
=	\$0.33	/feeder	_____

<b>Total =</b>	<b>\$1.59</b>	<b>/feeder</b>	_____
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**2.08 Manure Removal**

	\$960	annual removal cost	_____
÷	150	<u>feeder cattle</u>	_____
=	<b>\$6.40</b>	<b>/feeder</b>	_____

**2.09 Barn & Office Supplies**

	\$500.00	total barn expenses	_____
÷	150	<u>feeder cattle</u>	_____
=	<b>\$3.33</b>	<b>/feeder</b>	_____

**2.10 Death Loss**

	\$751.81	feeder cattle cost	_____
+	\$982.38	maximum value	_____
-	\$34.00	selling costs	_____
÷	2.00	average	_____
X	2.00	<u>% mortality rate</u>	_____
=	<b>\$17.00</b>	<b>/feeder</b>	_____

**2.11 Operating Interest**

(Operating interest is charged on one half the subtotal operating costs)

	\$751.81	feeder cost	_____
+	\$123.79	½ of feed & other costs	_____
X	6.50	% operating interest	_____
X	130.00	days on feed	_____
÷	365.00	<u>days /year</u>	_____
=	<b>\$20.27</b>	<b>/feeder</b>	_____

### Capital Costs

**Buildings, Corrals & Water System**

Windbreak fence	\$2,700	
Pens	\$1,600	
Handling Facilities	\$1,800	
Waterers	\$1,650	
Bunk Feeders	\$6,000	
Well & Pressure System	\$1,400	
Grain Bin	\$1,200	
Landscaping	<u>\$2,400</u>	
<b>Total</b>	<b>\$18,750</b>	

**Machinery & Equipment**

Tractor & Loader	\$10,000	
Miscellaneous	<u>\$13,400</u>	
<b>Total</b>	<b>\$23,400</b>	

<b>Total Investment</b>	<b>\$42,150</b>	
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**B. Fixed Costs**

**3. Depreciation Original Cost - Salvage Value**

**Useful Life**

**3.01 Buildings**

	\$18,750	original cost	
-	\$1,875	salvage value	
÷	20.00	years useful life	
÷	<u>150.00</u>	feeder cattle	
=	<b>\$5.63</b>	/feeder	

**3.02 Machinery & Equipment**

	\$23,400	original cost	
-	\$4,680	salvage value	
÷	10.00	years useful life	
÷	<u>150.00</u>	feeder cattle	
=	<b>\$12.48</b>	/feeder	



4. Investment  $\frac{\text{Original Cost} + \text{Salvage Value}}{2} \times \text{Investment Rate}$

4.01 Buildings

	\$18,750	original cost	_____
+	\$1,875	salvage value	_____
÷	2.00	average	_____
x	4.00	% investment rate	_____
÷	<u>150.00</u>	<u>feeder cattle</u>	_____
=	<b>\$2.75</b>	<b>/feeder</b>	_____

4.02 Machinery & Equipment

	\$23,400	original cost	_____
+	\$4,680	salvage value	_____
÷	2.00	average	_____
x	4.00	% investment rate	_____
÷	<u>150.00</u>	<u>feeder cattle</u>	_____
=	<b>\$3.74</b>	<b>/feeder</b>	_____

C. Labour

	2.0	hours/feeder/year	_____
÷	<u>\$11.00</u>	<u>/hour</u>	_____
=	<b>\$22.00</b>	<b>/feeder</b>	_____

### Organic Assumptions

1. Average daily gain (ADG) was assumed to be 2.25 lbs/day.
2. It was assumed the feeder steer weighed in at 575 lbs. shrunk weight, and was raised to 900 lbs (846 lbs after 6 % shrink).
3. Days on feed was 144.
4. Investment in facilities and equipment was assumed to handle 150 head.

### Backgrounding Cattle Production Cost Worksheet

**A. Operating Costs**

Your Cost

**1. Feed Costs**

**1.01 Ground Barley**

	144.00	days on ground barley	_____
x	6.50	lbs/feeder/day	_____
÷	48.00	lbs/bu	_____
x	<u>\$5.00</u>	/bu	_____
=	<b>\$97.50</b>	/feeder	_____

**1.02 Barley Silage**

	144.00	days on silage	_____
x	34.00	lbs/feeder/day	_____
÷	2000.00	lbs/ton	_____
x	<u>\$35.00</u>	/ton	_____
=	<b>\$85.68</b>	/feeder	_____

**1.03 Hay**

	15.00	days on hay	_____
x	5.00	lbs/feeder/day	_____
÷	2000.00	lbs/ton	_____
x	<u>\$65.00</u>	/ton	_____
=	<b>\$2.44</b>	/feeder	_____

**1.04 Supplement( Salt,Minerals,Vitamins, Ionophore)**

	144.00	days on supplement	_____
x	1.00	lbs/feeder/day	_____
÷	2205.00	lbs/tonne	_____
x	<u>\$285.00</u>	/tonne	_____
=	<b>\$18.61</b>	/feeder	_____

**2. Other Operating Costs****2.01 Feeder Cattle Cost**

Commission	\$0.00	/feeder	_____
Insurance	\$0.00	/feeder	_____
Trucking-in	\$0.00	/cwt	_____
x	575	lbs/feeder	_____
÷	<u>100</u>	lbs/cwt	_____
=	\$0.00	/feeder	_____
Feeder	575	lbs/feeder	_____
x	\$145.25	/cwt	_____
÷	<u>100</u>	lbs/cwt	_____
=	\$835.19	/feeder	_____
<b>Total =</b>	<b>\$835.19</b>	<b>/feeder</b>	_____

**2.02 Straw**

	4.00	lbs/feeder/day	_____
x	144.00	days on feed	_____
x	<u>\$20.00</u>	/ton	_____
=	\$5.76	/feeder	_____

**2.03 Veterinary Medicine & Supplies**

## Cattle Medication

	\$0.00	IBR,BVD,PI3,BRSV,Pastarella	_____
+	\$0.00	Vitamin A-D	_____
+	\$0.00	External & Internal Parasites	_____
+	\$0.00	Blackleg & Haemophilus	_____
+	\$0.00	Growth Implants	_____
±	<u>\$0.00</u>	Antibiotics	_____
=	\$0.00	/feeder	_____

## Herd Health Program

## Professional Services

	\$135.00	/hour charge	_____
x	10.00	hours	_____
÷	<u>150.00</u>	feeder cattle	_____
=	\$9.00	/feeder	_____

## Transportation Costs

	\$1.00	/km charge	_____
x	80	kilometres	_____
x	4	visits	_____
÷	<u>150</u>	feeder cattle	_____
=	\$2.13	/feeder	_____

**Total = \$11.13 /feeder** \_\_\_\_\_

**2.04 Annual Fuel & Repair Costs**

	\$300.00	repairs	_____
+	\$600.00	fuel costs	_____
÷	<u>150</u>	<u>feeder cattle</u>	_____
=	<b>\$6.00</b>	<b>/feeder</b>	_____

**2.05 Utilities**

	\$570.00	cost/year	_____
÷	<u>150</u>	<u>feeder cattle</u>	_____
=	<b>\$3.80</b>	<b>/feeder</b>	_____

**2.06 Feeder Selling Cost**

Trucking

	900	lbs/feeder	_____
÷	100	lbs/cwt	_____
x	<u>\$0.00</u>	<u>trucking cost/cwt</u>	_____
=	\$0.00	/feeder	_____

MCEC Fee, MCPA levy, selling commission

	\$2.00	MCEC Fee	_____
+	\$3.00	MCPA Levy	_____
+	<u>\$15.50</u>	<u>commission</u>	_____
=	\$20.50	/feeder	_____

**Total = \$20.50 /feeder** \_\_\_\_\_

**2.07 Insurance**

	\$42,150	building & equipment investment	_____
x	\$0.45	/\$100 capital	_____
÷	100	/\$100	_____
÷	<u>150</u>	<u>feeder cattle</u>	_____
=	\$1.26	/feeder	_____

	\$121,186	herd investment	_____
x	\$0.00	/\$100 capital	_____
÷	100	/\$100	_____
÷	<u>150</u>	<u>feeder cattle</u>	_____
=	\$0.00	/feeder	_____

	\$49.00	additional coverage for liability	_____
÷	<u>150</u>	<u>feeder cattle</u>	_____
=	\$0.33	/feeder	_____



**Total =** **\$1.59** /feeder \_\_\_\_\_

**2.08 Manure Removal**

\$960 annual removal cost \_\_\_\_\_  
 ÷ 150 feeder cattle \_\_\_\_\_  
 = **\$6.40** /feeder \_\_\_\_\_

**2.09 Barn & Office Supplies**

\$500.00 total barn expenses \_\_\_\_\_  
 ÷ 150 feeder cattle \_\_\_\_\_  
 = **\$3.33** /feeder \_\_\_\_\_

**2.10 Death Loss**

\$835.19 feeder cattle cost \_\_\_\_\_  
 + \$982.38 maximum value \_\_\_\_\_  
 - \$34.00 selling costs \_\_\_\_\_  
 ÷ 2.00 average \_\_\_\_\_  
 x 2.00 % mortality rate \_\_\_\_\_  
 = **\$17.84** /feeder \_\_\_\_\_

**2.11 Operating Interest**

(Operating interest is charged on one half the subtotal operating costs)

\$835.19 feeder cost \_\_\_\_\_  
 + \$123.79 ½ of feed & other costs \_\_\_\_\_  
 x 6.50 % operating interest \_\_\_\_\_  
 x 144.00 days on feed \_\_\_\_\_  
 ÷ 365.00 days /year \_\_\_\_\_  
 = **\$24.59** /feeder \_\_\_\_\_

## Capital Costs

### Buildings, Corrals & Water System

Windbreak fence	\$2,700	
Pens	\$1,600	
Handling Facilities	\$1,800	
Waterers	\$1,650	
Bunk Feeders	\$6,000	
Well & Pressure System	\$1,400	
Grain Bin	\$1,200	
Landscaping	<u>\$2,400</u>	
<b>Total</b>	<b>\$18,750</b>	

### Machinery & Equipment

Tractor & Loader	\$10,000	
Miscellaneous	<u>\$13,400</u>	
<b>Total</b>	<b>\$23,400</b>	

<b>Total Investment</b>	<b>\$42,150</b>	
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## B. Fixed Costs

### 3. Depreciation Original Cost - Salvage Value Useful Life

#### 3.01 Buildings

	\$18,750	original cost	
-	\$1,875	salvage value	
÷	20.00	years useful life	
±	<u>150.00</u>	feeder cattle	
=	<b>\$5.63</b>	<b>/feeder</b>	

#### 3.02 Machinery & Equipment

	\$23,400	original cost	
-	\$4,680	salvage value	
÷	10.00	years useful life	
±	<u>150.00</u>	feeder cattle	
=	<b>\$12.48</b>	<b>/feeder</b>	

**4. Investment  $\frac{\text{Original Cost} + \text{Salvage Value}}{2} \times \text{Investment Rate}$**

**4.01 Buildings**

	\$18,750	original cost	_____
+	\$1,875	salvage value	_____
÷	2.00	average	_____
x	4.00	% investment rate	_____
÷	<u>150.00</u>	<u>feeder cattle</u>	_____
=	<b>\$2.75</b>	<b>/feeder</b>	_____

**4.02 Machinery & Equipment**

	\$23,400	original cost	_____
+	\$4,680	salvage value	_____
÷	2.00	average	_____
x	4.00	% investment rate	_____
÷	<u>150.00</u>	<u>feeder cattle</u>	_____
=	<b>\$3.74</b>	<b>/feeder</b>	_____

**C. Labour**

	2.0	hours/feeder/year	_____
÷	<u>\$11.00</u>	<u>/hour</u>	_____
=	<b>\$22.00</b>	<b>/feeder</b>	_____

### Conventional Breakeven Calculations

#### Cost per lb of gain sold (shrunk weight)

<b>Feed Costs</b>		\$143.55	feed cost	
	÷	<u>271</u>	<u>lbs gained weight</u>	
	=	<b>\$0.53</b>	<b>/lb (gain sold)</b>	
<b>Operating Costs</b>		\$1,019.65	operating costs	
	-	\$751.81	feeder cost	
	÷	<u>271</u>	<u>lbs gained weight</u>	
	=	<b>\$0.99</b>	<b>/lb (gain sold)</b>	
<b>Operating &amp; Labour Costs</b>		\$1,041.65	operating costs	
	-	\$751.81	feeder cost	
	÷	<u>271</u>	<u>lbs gained weight</u>	
	=	<b>\$1.07</b>	<b>/lb (gain sold)</b>	
<b>Operating &amp; Fixed</b>		\$1,044.25	oper. & fixed costs	
	-	\$751.81	feeder cost	
	÷	<u>271</u>	<u>lbs gained weight</u>	
	=	<b>\$1.08</b>	<b>/lb (gain sold)</b>	
<b>Total Costs</b>		\$1,066.25	total costs	
	-	\$751.81	feeder cost	
	÷	<u>271</u>	<u>lbs gained weight</u>	
	=	<b>\$1.16</b>	<b>/lb (gain sold)</b>	
<b>Breakeven selling price (shrunk weight)</b>				
<b>Operating Costs</b>		\$1,019.65	operating costs	
	÷	<u>846</u>	<u>lbs shrunk weight</u>	
	=	<b>\$1.21</b>	<b>/lb</b>	
<b>Operating &amp; Labour Costs</b>		\$1,041.65	operating & labour	
	÷	<u>846</u>	<u>lbs shrunk weight</u>	
	=	<b>\$1.23</b>	<b>/lb</b>	
<b>Operating &amp; Fixed</b>		\$1,044.25	oper. & fixed costs	
	÷	<u>846</u>	<u>lbs shrunk weight</u>	
	=	<b>\$1.23</b>	<b>/lb</b>	
<b>Total Costs</b>		\$1,066.25	total costs	
	÷	<u>846</u>	<u>lbs shrunk weight</u>	
	=	<b>\$1.26</b>	<b>/lb</b>	



### Organic Breakeven Calculations

#### Cost per lb of gain sold (shrunk weight)

<b>Feed Costs</b>		\$204.23	feed cost	
	+	<u>271</u>	<u>lbs gained weight</u>	
	=	<b>\$0.75</b>	<b>/lb (gain sold)</b>	
 <b>Operating Costs</b>		 \$1,140.36	 operating costs	
	-	\$835.19	feeder cost	
	+	<u>271</u>	<u>lbs gained weight</u>	
	=	<b>\$1.13</b>	<b>/lb (gain sold)</b>	
 <b>Operating &amp; Labour Costs</b>		 \$1,162.36	 oper & labour costs	
	-	\$835.19	feeder cost	
	+	<u>271</u>	<u>lbs gained weight</u>	
	=	<b>\$1.21</b>	<b>/lb (gain sold)</b>	
 <b>Operating &amp; Fixed</b>		 \$1,164.96	 oper. & fixed costs	
	-	\$835.19	feeder cost	
	+	<u>271</u>	<u>lbs gained weight</u>	
	=	<b>\$1.22</b>	<b>/lb (gain sold)</b>	
 <b>Total Costs</b>		 \$1,186.96	 total costs	
	-	\$835.19	feeder cost	
	+	<u>271</u>	<u>lbs gained weight</u>	
	=	<b>\$1.30</b>	<b>/lb (gain sold)</b>	
 <b>Breakeven selling price (shrunk weight)</b>				
<b>Operating Costs</b>		\$1,140.36	operating costs	
	+	<u>846</u>	<u>lbs shrunk weight</u>	
	=	<b>\$1.35</b>	<b>/lb</b>	
 <b>Operating &amp; Labour Costs</b>		 \$1,162.36	 operating & labour	
	+	<u>846</u>	<u>lbs shrunk weight</u>	
	=	<b>\$1.37</b>	<b>/lb</b>	
 <b>Operating &amp; Fixed</b>		 \$1,164.96	 oper. & fixed costs	
	+	<u>846</u>	<u>lbs shrunk weight</u>	
	=	<b>\$1.38</b>	<b>/lb</b>	
 <b>Total Costs</b>		 \$1,186.96	 total costs	
	+	<u>846</u>	<u>lbs shrunk weight</u>	
	=	<b>\$1.40</b>	<b>/lb</b>	

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**For more information contact your local MAFRI Office.**

Prepared by:  
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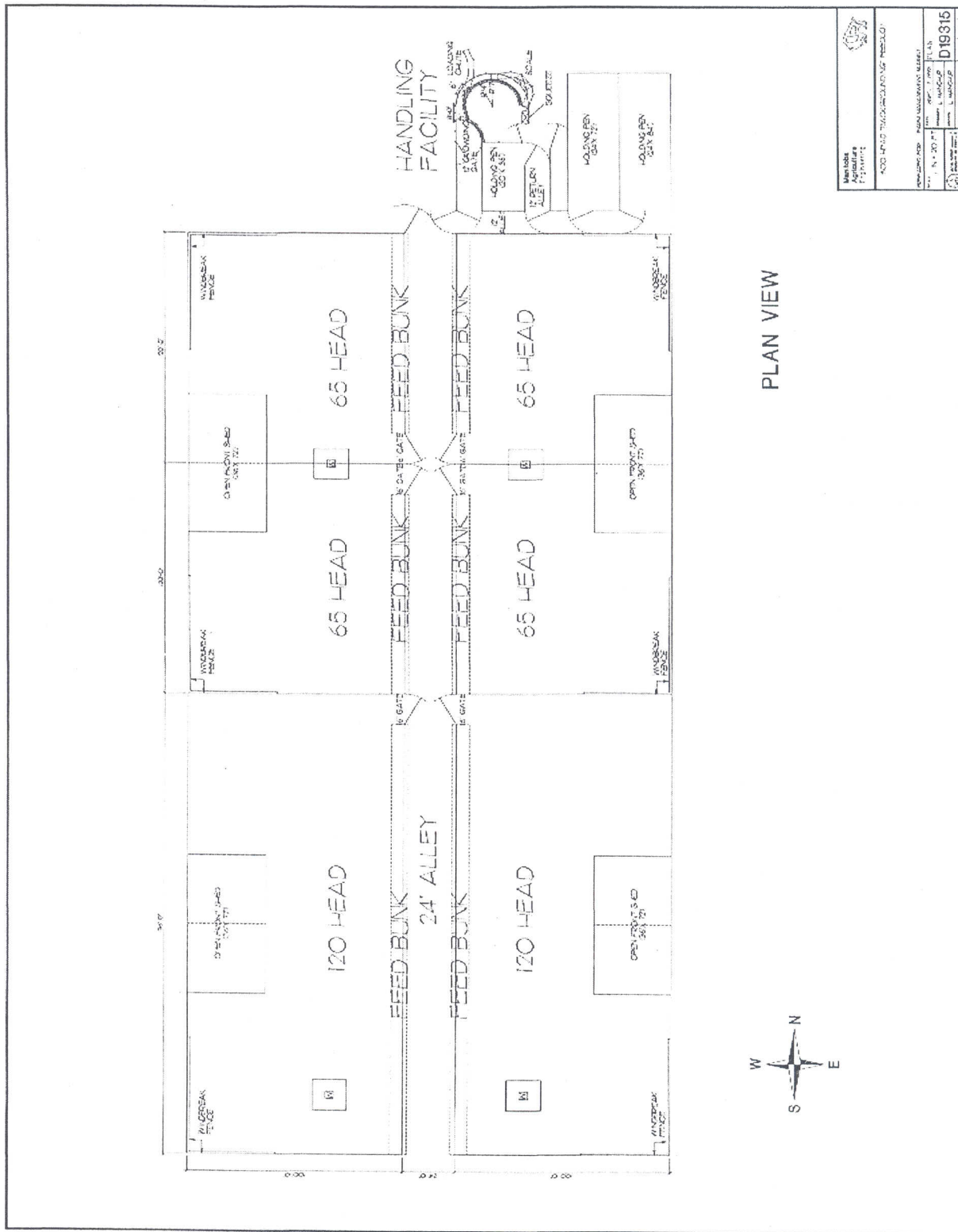
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Business Development Specialist

Robin McRae  
Food Development



# Backgrounding Feedlot Facilities



Manitoba Agriculture Forestry	400 KING STREET WEST, WINDSOR, ONT. N9A 1G1
PROJECT NO. 1000-1000-1000-1000	DRAWING NO. D19315
DATE: 10/10/10	SCALE: 1/8" = 1'-0"
DRAWN BY: L. HANCOCK	CHECKED BY: L. HANCOCK
PROJECT TITLE:	SHEET NO. 1 OF 1

PLAN VIEW

Prepared by Manitoba Agriculture, Food and Rural Initiatives.