

# Break Even Price Analysis for Finishing Calves

10/01/07

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**Assumptions:**

Beginning Calf Weight of 550 lbs. and 650 lbs.

Beginning Prices/Value of \$110.00 \$115.00 \$120.00 \$125.00 \$130.00 \$135.00  
 \$140.00 for 550#

Finish Weight of 1,250 lbs. before a 4.00% Shrink, 1,200 lbs. Saleable/head

Variable Length Feeding Periods Based on Daily Rate of Gain

Vet/Health Charge of \$15.00 per Head.

Yardage and Overhead Charge of either \$.10 or \$.25 per Head per Day (\$.10/\$.25)

Interest Rate of 7.50% Charged on the Calf and one-half of the Feed, Vet, and Yardage Costs

Death Loss of 1%

Marketing Charge of 2.5% of the Ending Value based on a \$96.00/cwt. Selling Price

**BREAK EVEN SELLING PRICE PER CWT.**

Rate of Gain per Day	Cost/Cwt. for Calves	..... Feed Cost Per Lb.of Gain .....		
		\$ .35	\$ .40	\$ .45
<b>550# Calves</b>				
3.0#/day	\$110.00	79.87/82.86	82.86/85.85	85.85/88.84
234 Days	\$115.00	82.29/85.28	85.28/88.27	88.27/91.26
	\$120.00	84.71/87.70	87.70/90.69	90.69/93.68
	\$125.00	87.13/90.12	90.12/93.11	93.11/96.11
	\$130.00	89.55/92.55	92.55/95.54	95.54/98.53
	\$135.00	91.98/94.97	94.97/97.96	97.96/100.95
	\$140.00	94.40/97.39	97.39/100.38	100.38/103.37
<b>650# Calves</b>				
3.0#	\$110.00	85.87/88.42	88.42/90.97	90.97/93.52
200 Days	\$115.00	88.72/91.27	91.27/93.82	93.82/96.37
	\$120.00	91.56/94.12	94.12/96.67	96.67/99.22
	\$125.00	94.41/96.96	96.96/99.51	99.51/102.07
	\$130.00	97.26/99.81	99.81/102.36	102.36/104.91
	\$135.00	100.10/102.66	102.66/105.21	105.21/107.76
<b>3.5#</b>				
172 Days	\$110.00	85.16/87.34	87.71/89.89	90.26/92.44
	\$115.00	87.98/90.17	90.53/92.72	93.08/95.27
	\$120.00	90.81/93.00	93.36/95.54	95.91/98.09
	\$125.00	93.64/95.82	96.19/98.37	98.74/100.92
	\$130.00	96.47/98.65	99.01/101.20	101.56/103.75
	\$135.00	99.29/101.48	101.84/104.03	104.39/106.57
<b>4.0#</b>				
150 Days	\$110.00	84.73/86.63	87.27/89.17	89.81/91.71
	\$115.00	87.55/89.45	90.09/91.99	92.63/94.53
	\$120.00	90.37/92.27	92.91/94.81	95.45/97.35
	\$125.00	93.19/95.09	95.73/97.63	98.26/100.17
	\$130.00	96.01/97.91	98.55/100.45	101.08/102.99
	\$135.00	98.83/100.73	101.36/103.27	103.90/105.81

# Break Even Price Analysis for Feeding Light Calves

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## Assumptions:

Beginning Calf Weight of 400 lbs.

Beginning Prices/Value per cwt. of \$120.00 \$125.00 \$130.00 \$135.00 140.00 145.00 150.00

120 Day Feeding Period, Vet/Health Charge of \$10.00 per head.

Yardage and Overhead Costs of \$.10 per head per day.

Interest Rate of 7.50% Charged on the Calf and one-half of the Feed, Vet, and Yardage Costs.

Death Loss of 1%, Shrinkage of 3% at time of Marketing.

Marketing Charge of 2.5% based on an ending value of \$112.00/cwt.

## BREAK EVEN SELLING PRICE PER CWT.

Rate of Gain/Day	Cost/Cwt. for Calves	..... Feed Cost per Lb. of Gain .....			
		\$ .30	\$ .35	\$ .40	\$ .45
1.5#	\$120.00	104.76	106.38	108.00	109.62
Post	\$125.00	108.44	110.06	111.68	113.30
Shrink wt.	\$130.00	112.12	113.74	115.35	116.97
of 563#	\$135.00	115.79	117.41	119.03	120.65
	\$140.00	119.47	121.09	122.71	124.33
	\$145.00	123.15	124.77	126.39	128.01
	\$150.00	126.83	128.45	130.07	131.69
2.0#	\$120.00	98.14	100.09	102.05	104.01
621#	\$125.00	101.47	103.43	105.38	107.34
	\$130.00	104.80	106.76	108.72	110.67
	\$135.00	108.14	110.09	112.05	114.01
	\$140.00	111.47	113.43	115.38	117.34
	\$145.00	114.80	116.76	118.72	120.67
	\$150.00	118.14	120.09	122.05	124.01
2.5#	\$120.00	92.65	94.88	97.12	99.36
679#	\$125.00	95.70	97.93	100.17	102.40
	\$130.00	98.74	100.98	103.22	105.45
	\$135.00	101.79	104.03	106.26	108.50
	\$140.00	104.84	107.08	109.31	111.55
	\$145.00	107.89	110.12	112.36	114.60
	\$150.00	110.93	113.17	115.41	117.64

