

# Break Even Price Analysis for Feeder Calves

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Farm Business Management Program

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**Assumptions:**

Beginning Calf Weight of 550 lbs.

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

120 Day Feeding Period, Vet/Health Charge of \$10.00/Head

Yardage and Overhead Costs of \$.10 per head per day, (Some examples also shown at \$.25 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% of Ending Value based on 110.00/cwt. (could be much less on direct sales)

**BREAK EVEN SELLING PRICE PER CWT.**

Rate of Gain per Day	Cost/Cwt. for Calves	Feed Cost Per Lb. of Gain				
		\$ .30	\$ .35	\$ .40	\$ .45	\$ .50
1.5#	\$110.00	102.02	103.31	104.60	105.88	107.17
Post	\$115.00	106.64	107.33	108.62	109.90	111.19
Shrink wt. of 708#	\$120.00	110.06	111.35	112.64	113.92	115.21
	\$125.00	114.08	115.37	116.65	117.94	119.23
	\$130.00	118.10	119.39	120.67	121.96	123.25
	\$135.00	122.12	123.40	124.69	125.98	127.26
	\$140.00	126.40	127.42	128.71	130.00	131.28
2.0#	\$110.00	96.86	98.45	100.03	101.62	103.20
766#	\$115.00	100.58	102.16	103.75	105.33	106.92
	\$120.00	104.29	105.88	107.46	109.05	110.63
	\$125.00	108.00	109.59	111.17	112.76	114.34
	\$130.00	111.72	113.30	114.89	116.47	118.06
	\$135.00	115.43	117.02	118.60	120.19	121.77
	\$140.00	119.14	120.73	122.31	123.90	125.48
2.5#	\$110.00	92.43	94.27	96.11	97.95	99.80
825#	\$115.00	95.88	97.72	99.56	101.41	103.25
	\$120.00	99.33	101.17	103.02	104.86	106.70
	\$125.00	102.78	104.63	106.47	108.31	110.51
	\$130.00	106.23	108.08	109.92	111.76	113.60
	\$135.00	109.69	111.53	113.37	115.21	117.05
	\$140.00	113.14	114.98	116.82	118.66	120.50
3.0#	\$110.00	88.58	90.65	92.71	94.77	96.84
883#	\$115.00	91.80	93.87	95.93	98.00	100.06
	\$120.00	95.03	97.09	99.16	101.22	103.29
	\$125.00	98.25	100.32	102.38	104.45	106.51
	\$130.00	101.48	103.54	105.60	107.67	109.73
	\$135.00	104.70	106.76	108.83	110.89	112.96
	\$140.00	107.92	109.99	112.05	114.12	116.18

Rate of Gain/Day Calves	Cost/Cwt.	..... Feed Cost Per Lb. of Gain .....				
		\$ .30	\$ .35	\$ .40	\$ .45	\$ .50
3.5#	\$110.00	85.21	87.47	89.73	91.99	94.25
941#	\$115.00	88.23	90.49	92.75	95.01	97.27
	\$120.00	91.26	93.52	95.78	98.04	100.30
	\$125.00	94.28	96.54	98.80	101.06	103.32
	\$130.00	97.31	99.57	101.82	104.08	106.34
	\$135.00	100.33	102.59	104.85	107.11	109.37
	\$140.00	103.35	105.61	107.87	110.13	112.39
4.0#	\$110.00	82.23	84.66	87.09	89.52	91.96
999#	\$115.00	85.08	87.51	89.94	92.37	94.80
	\$120.00	87.93	90.36	92.79	95.22	97.65
	\$125.00	90.77	93.21	95.64	98.07	100.50
	\$130.00	93.62	96.05	98.49	100.92	103.35
	\$135.00	96.47	98.90	101.33	103.77	106.20
	\$140.00	99.32	101.75	104.18	106.61	109.05

Using a Lot Charge of \$.25/head/day

2.5#	\$110.00	94.64	96.48	98.32	100.16	102.01
825#	\$115.00	98.09	99.93	101.77	103.62	105.46
	\$120.00	101.54	103.38	105.23	107.07	108.91
	\$125.00	104.99	106.84	108.68	110.52	112.36
	\$130.00	108.44	110.29	112.13	113.97	115.81
	\$135.00	111.90	113.74	115.58	117.42	119.26
	\$140.00	115.35	117.19	119.03	120.87	122.71
3.0#	\$110.00	90.65	92.71	94.77	96.84	98.90
883#	\$115.00	93.87	95.93	98.00	100.06	102.13
	\$120.00	97.09	99.16	101.22	103.29	105.35
	\$125.00	100.32	102.38	104.45	106.51	108.57
	\$130.00	103.54	105.60	107.67	109.73	111.80
	\$135.00	106.76	108.83	110.89	112.96	115.02
	\$140.00	109.99	112.05	114.12	116.18	118.25
3.5#	\$110.00	87.15	89.40	91.66	93.92	96.18
941#	\$115.00	90.17	92.43	94.69	96.95	99.21
	\$120.00	93.19	95.45	97.71	99.97	102.23
	\$125.00	96.22	98.48	100.74	103.00	105.26
	\$130.00	99.24	101.50	103.76	106.02	108.28
	\$135.00	102.27	104.53	106.79	109.05	111.30
	\$140.00	105.29	107.55	109.81	112.07	114.33

