

Break Even Price Analysis for Feeder Calves

10/01/08

Farm Business Management Program

Steve Metzger, Coordinator, Carrington Research Extension Center

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 \$.15 per head per day, (Some examples also shown at \$.30 per day)

Interest Rate of 7.00% Charged on the Calf and one-half of the Feed, Vet, and Yardage Costs

Death Loss of 1%, Shrinkage of 5% at time of Marketing

Marketing Charge of 2.5% of Ending Value based on 112.00/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				
		\$.45	\$.50	\$.55	\$.60	\$.65
1.5#	\$110.00	108.83	110.14	111.45	112.76	114.08
Post-	\$115.00	112.92	114.24	115.55	116.86	118.17
Shrink wt.	\$120.00	117.02	118.33	119.64	120.96	122.27
of 694#	\$125.00	121.12	122.43	123.74	125.05	126.37
	\$130.00	125.21	126.53	127.84	129.15	130.46
	\$135.00	129.31	130.62	131.93	133.25	134.56
	\$140.00	133.41	134.72	136.03	137.34	138.66
2.0#	\$110.00	104.41	106.03	107.65	109.26	110.88
751#	\$115.00	108.20	109.82	111.43	113.05	114.67
	\$120.00	111.98	113.60	115.22	116.84	118.45
	\$125.00	115.77	117.39	119.00	120.62	122.24
	\$130.00	119.55	121.17	122.79	124.41	126.02
	\$135.00	123.34	124.96	126.57	128.19	129.81
	\$140.00	127.13	128.74	130.36	131.98	133.59
2.5#	\$110.00	100.62	102.50	104.38	106.26	108.14
808#	\$115.00	104.14	106.02	107.90	109.78	111.66
	\$120.00	107.66	109.54	111.42	113.30	115.17
	\$125.00	111.18	113.06	114.93	116.81	118.69
	\$130.00	114.70	116.57	118.45	120.33	122.21
	\$135.00	118.21	120.09	121.97	123.85	125.73
	\$140.00	121.73	123.61	125.49	127.37	129.25
3.0#	\$110.00	97.33	99.44	101.54	103.65	105.76
865#	\$115.00	100.62	102.72	104.83	106.94	109.04
	\$120.00	103.90	106.01	108.12	110.22	112.33
	\$125.00	107.19	109.30	111.40	113.51	115.61
	\$130.00	110.48	112.58	114.69	116.79	118.90
	\$135.00	113.76	115.87	117.98	120.08	122.19
	\$140.00	117.05	119.16	121.26	123.37	125.47

Rate of Gain/Day Calves	Cost/Cwt. Feed Cost Per Lb. of Gain				
		\$.45	\$.50	\$.55	\$.60	\$.65
3.5#	\$110.00	94.45	96.75	99.06	101.36	103.67
922#	\$115.00	97.53	99.84	102.14	104.45	106.75
	\$120.00	100.61	102.92	105.22	107.53	109.83
	\$125.00	103.70	106.00	108.31	110.61	112.92
	\$130.00	106.78	109.08	111.39	113.70	116.00
	\$135.00	109.86	112.17	114.47	116.78	119.08
	\$140.00	112.95	115.25	117.56	119.86	122.17
4.0#	\$110.00	91.90	94.38	96.86	99.34	101.82
979#	\$115.00	94.80	97.28	99.77	102.25	104.73
	\$120.00	97.71	100.19	102.67	105.15	107.63
	\$125.00	100.61	103.09	105.57	108.05	110.53
	\$130.00	103.51	105.99	108.48	110.96	113.44
	\$135.00	106.42	108.90	111.38	113.86	116.34
	\$140.00	109.32	111.80	114.28	116.76	119.24

Using a Lot Charge of \$.30/head/day

2.5#	\$110.00	102.88	104.76	106.63	108.51	110.39
808#	\$115.00	106.39	108.27	110.15	112.03	113.91
	\$120.00	109.91	111.79	113.67	115.55	117.43
	\$125.00	113.43	115.31	117.19	119.07	120.95
	\$130.00	116.95	118.83	120.71	122.59	124.47
	\$135.00	120.47	122.35	124.23	126.11	127.98
	\$140.00	123.99	125.87	127.74	129.62	131.50
3.0#	\$110.00	99.44	101.54	103.65	105.76	107.86
865#	\$115.00	102.72	104.83	106.94	109.04	111.15
	\$120.00	106.01	108.12	110.22	112.33	114.43
	\$125.00	109.30	111.40	113.51	115.61	117.72
	\$130.00	112.58	114.69	116.79	118.90	121.01
	\$135.00	115.87	117.98	120.08	122.19	124.29
	\$140.00	119.16	121.26	123.37	125.47	127.58
3.5#	\$110.00	96.42	98.73	101.03	103.34	105.64
922#	\$115.00	99.51	101.81	104.12	106.42	108.73
	\$120.00	102.59	104.89	107.20	109.50	111.81
	\$125.00	105.67	107.98	110.28	112.59	114.89
	\$130.00	108.76	111.06	113.37	115.67	117.98
	\$135.00	111.84	114.14	116.45	118.75	121.06
	\$140.00	114.92	117.23	119.53	121.84	124.14

