

**Livestock Enterprise Analysis**  
**North Dakota Farm Business Management Education Program**  
**State Report, 2006**  
**(Farms Sorted By Net Return Per Unit)**

**Beef, Background Beef -- Average Per Cwt. Produced**

	<u>Avg. Of All Farms</u>		<u>Low20%</u>		<u>40-60%</u>		<u>High 20%</u>	
Number of farms	78		15		15		16	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Backgnd Beef sold (lb)	261.43	280.91	307.83	328.31	313.22	343.54	196.59	208.68
Transferred out (lb)	91.68	92.49	231.35	240.59	50.20	51.17	61.73	60.18
Cull sales (lb)	4.96	5.74	-	-	2.55	2.55	-	-
Butchered (lb)	1.19	1.00	0.70	0.63	0.75	0.54	0.21	0.15
Less purchased (lb)	-19.04	-22.30	-77.69	-91.47	-	-	-2.23	-3.56
Less transferred in (lb)	-266.65	-308.35	-299.97	-363.89	-291.66	-331.04	-188.68	-218.21
Inventory change (lb)	26.41	5.58	-62.21	-85.23	24.93	-11.13	32.38	21.90
Total production (lb)	100.00	55.07	100.00	28.93	100.00	55.62	100.00	69.14
Other income	-	-	-	-	-	-	-	-
Gross return	-	55.07	-	28.93	-	55.62	-	69.14
<b>Direct Expenses</b>								
Barley (bu.)	1.25	2.32	0.00	0.01	1.19	2.16	2.25	3.64
Corn (bu.)	3.86	9.33	8.68	22.28	3.11	8.45	2.49	5.08
Corn Silage (lb.)	403.87	3.36	114.21	1.24	658.38	5.74	326.56	2.49
Hay, Alfalfa (lb.)	51.07	1.33	-	-	79.08	2.08	-	-
Hay, Grass & Other (lb.)	537.74	11.27	1,026.67	22.55	403.63	9.10	318.58	5.76
Oats (bu.)	0.99	1.44	1.38	2.18	0.90	1.54	0.64	0.82
Pasture (aum)	0.13	1.73	0.11	1.30	0.08	0.83	0.15	2.20
Complete Ration (lb.)	68.65	3.60	53.76	2.40	32.24	2.39	48.75	2.30
Creep / Starter (lb.)	8.31	0.68	25.83	1.53	6.81	0.56	2.33	0.16
Protein Vit Minerals (lb.)	13.83	2.17	14.32	2.36	19.81	2.17	7.67	1.12
Corn Distillers Grn (dry) (lb.)	34.38	0.75	64.45	0.99	46.75	2.34	13.64	0.10
Corn Gluten (lb.)	5.45	0.22	-	-	-	-	14.13	0.57
Other feed stuffs	72.42	0.67	70.61	0.55	132.64	1.12	2.48	0.20
Veterinary	-	1.98	-	2.67	-	2.03	-	1.42
Supplies	-	0.53	-	0.48	-	0.59	-	0.42
Fuel & oil	-	1.00	-	1.22	-	0.95	-	0.82
Repairs	-	1.39	-	1.19	-	1.28	-	1.65
Custom hire	-	0.37	-	0.39	-	0.63	-	0.24
Hauling and trucking	-	0.30	-	0.29	-	-	-	0.44
Marketing	-	1.73	-	2.02	-	2.08	-	1.10
Bedding	-	0.22	-	0.38	-	0.01	-	0.43
Operating interest	-	0.92	-	1.30	-	0.66	-	1.09
Total direct expenses	-	47.30	-	67.35	-	46.67	-	32.04
Return over direct expense	-	7.77	-	-38.42	-	8.95	-	37.10
<b>Overhead Expenses</b>								
Hired labor	-	0.69	-	0.13	-	0.35	-	0.86
Farm insurance	-	0.43	-	0.48	-	0.35	-	0.38
Utilities	-	0.54	-	0.64	-	0.54	-	0.37
Interest	-	0.64	-	0.88	-	0.63	-	0.56
Mach & bldg depreciation	-	1.00	-	0.99	-	1.24	-	1.00
Miscellaneous	-	0.53	-	0.97	-	0.40	-	0.34
Total overhead expenses	-	3.83	-	4.09	-	3.50	-	3.53
Total dir & ovhd expenses	-	51.13	-	71.44	-	50.17	-	35.56
Net return	-	3.94	-	-42.50	-	5.45	-	33.57
Labor & management charge	-	2.94	-	3.15	-	2.48	-	2.74
Net return over lbr & mgt	-	1.01	-	-45.66	-	2.98	-	30.83
<b>Cost of Production</b>								
Total direct expense per cwt.	-	103.54	-	112.64	-	106.14	-	89.72
Total dir & ovhd expense per cwt.	-	104.63	-	113.39	-	107.11	-	91.08
With other revenue adjustments	-	104.63	-	113.39	-	107.11	-	91.08
With labor and management	-	105.46	-	113.98	-	107.79	-	92.14
Est. labor hours per unit	-	0.32	-	0.23	-	0.30	-	0.29
<b>Other Information</b>								
No. purchased or trans in	-	126	-	167	-	126	-	126
Number sold or trans out	-	116	-	187	-	119	-	113
Percentage death loss	-	0.4	-	0.8	-	0.1	-	0.5
Avg. daily gain (lbs)	-	1.74	-	1.36	-	1.91	-	2.11
Lbs of conc / lb of gain	-	4.59	-	6.89	-	3.65	-	3.58
Lbs of feed / lb of gain	-	12.10	-	17.95	-	11.29	-	7.86
Feed cost per cwt of gain	-	38.86	-	57.39	-	38.46	-	24.43
Feed cost per head	-	66.56	-	83.51	-	63.90	-	57.83
Average sales weight	-	712	-	722	-	694	-	747
Avg sales price / cwt	-	107.45	-	106.65	-	109.68	-	106.15