

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

Beef Cow-Calf -- Average Per Cow

	Avg. Of All Farms		Low20%		40 - 60%		High 20%	
	129		25		26		26	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Number of farms								
Beef Calves sold (lb)	196.22	223.20	180.86	211.91	214.17	234.05	178.78	209.92
Transferred out (lb)	326.23	359.19	323.53	353.45	321.88	344.47	354.75	406.67
Cull sales		100.22		110.77		106.51		102.38
Butchered		1.80		1.97		1.11		1.84
Less purchased		-96.10		-154.52		-92.13		-87.31
Less transferred in		-73.14		-100.46		-71.73		-53.87
Inventory change		10.48		51.86		-2.64		-1.33
Total production		525.65		474.97		519.64		578.30
Other income		3.52		2.32		4.07		2.13
Gross return		529.18		477.29		523.72		580.44
Direct Expenses								
Corn Silage (lb.)	2,224.30	17.93	2,853.27	21.97	1,790.28	14.48	1,944.01	15.17
Hay, Alfalfa (lb.)	487.23	11.94	690.95	19.07	93.01	2.56	556.71	12.97
Hay, Grass & Other (lb.)	5,664.94	106.25	6,413.07	128.39	5,633.16	107.09	5,528.26	96.84
Pasture (aum)	6.07	80.30	6.05	85.08	5.88	89.96	6.05	67.60
Complete Ration (lb.)	122.39	5.23	41.73	2.18	118.61	5.09	172.05	5.87
Creep / Starter (lb.)	70.69	5.38	78.68	5.44	64.57	4.92	44.82	3.04
Protein Vit Minerals (lb.)	88.47	15.93	137.81	18.36	90.37	18.48	53.39	11.25
Other feed stuffs	596.65	14.87	480.90	12.10	514.18	14.37	656.36	14.57
Breeding fees		1.40		5.20		0.29		1.14
Veterinary		17.52		20.02		17.47		15.16
Supplies		9.58		9.28		10.43		9.04
Fuel & oil		20.54		23.96		19.55		16.09
Repairs		22.55		23.43		22.04		21.74
Custom hire		3.67		1.59		4.74		4.85
Livestock leases		2.81		3.85		3.26		3.42
Marketing		5.01		7.72		5.29		2.03
Operating interest		11.96		17.49		8.11		9.42
Total direct expenses		352.87		405.12		348.13		310.21
Return over direct expense		176.30		72.17		175.58		270.23
Overhead Expenses								
Hired labor		7.82		10.03		4.58		2.76
Farm insurance		8.76		8.65		8.57		8.31
Utilities		8.23		7.29		8.49		6.89
Interest		14.83		25.51		12.84		11.87
Mach & bldg depreciation		21.27		27.97		23.96		20.05
Miscellaneous		11.52		14.13		10.07		9.53
Total overhead expenses		72.44		93.58		68.51		59.41
Total dir & ovhd expenses		425.31		498.70		416.64		369.62
Net return		103.86		-21.41		107.07		210.82
Labor & management charge		56.80		58.47		59.34		54.12
Net return over lbr & mgt		47.07		-79.88		47.73		156.70
Cost of Production								
Total direct expense per cwt.		67.60		80.24		64.72		58.60
Total dir & ovhd expense per cwt.		81.48		98.78		77.46		69.82
With other revenue adjustments		77.21		96.45		74.98		66.06
With labor and management		88.09		108.03		86.01		76.28
Est. labor hours per unit		5.71		5.44		6.48		5.24
Other Information								
Number of cows		149.7		151.6		129.8		160.2
Pregnancy percentage		96.8		97.5		97.9		97.6
Pregnancy loss percentage		2.0		2.0		3.2		1.6
Culling percentage		14.7		15.7		16.0		14.2
Calving percentage		94.8		95.5		94.8		96.0
Weaning percentage		89.8		90.7		90.3		90.5
Calves sold per cow		0.94		0.94		0.94		0.96
Calf death loss percent		5.1		3.9		4.9		5.3
Average weaning weight		553		535		560		559
Lbs weaned/exposed female		496		486		506		506
Feed cost per cow		257.83		292.58		256.95		227.31
Avg wgt/Beef Calf sold		578		552		585		575
Avg price / cwt		113.75		117.17		109.28		117.42