

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 Cwt. Produced

	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)	37.59	42.76	35.82	41.97	39.82	43.51	33.77	39.65
Transferred out (lb)	62.50	68.81	64.08	70.01	59.84	64.04	67.01	76.82
Cull sales		19.20		21.94		19.80		19.34
Butchered		0.34		0.39		0.21		0.35
Less purchased		-18.41		-30.61		-17.13		-16.49
Less transferred in		-14.01		-19.90		-13.33		-10.18
Inventory change		2.01		10.27		-0.49		-0.25
Total production		100.71		94.08		96.61		109.24
Other income		0.67		0.46		0.76		0.40
Gross return		101.38		94.54		97.36		109.65
Direct Expenses								
Corn Silage (lb.)	426.14	3.44	565.17	4.35	332.83	2.69	367.23	2.87
Hay, Alfalfa (lb.)	93.34	2.29	136.86	3.78	17.29	0.48	105.16	2.45
Hay, Grass & Other (lb.)	1,085.31	20.36	1,270.28	25.43	1,047.27	19.91	1,044.29	18.29
Pasture (aum)	1.16	15.38	1.20	16.85	1.09	16.72	1.14	12.77
Complete Ration (lb.)	23.45	1.00	8.27	0.43	22.05	0.95	32.50	1.11
Creep / Starter (lb.)	13.54	1.03	15.58	1.08	12.00	0.91	8.47	0.57
Protein Vit Minerals (lb.)	16.95	3.05	27.30	3.64	16.80	3.44	10.09	2.13
Other feed stuffs	114.31	2.85	95.26	2.40	95.59	2.67	123.99	2.75
Breeding fees		0.27		1.03		0.05		0.22
Veterinary		3.36		3.97		3.25		2.86
Supplies		1.84		1.84		1.94		1.71
Fuel & oil		3.94		4.75		3.63		3.04
Repairs		4.32		4.64		4.10		4.11
Custom hire		0.70		0.32		0.88		0.92
Livestock leases		0.54		0.76		0.61		0.65
Marketing		0.96		1.53		0.98		0.38
Operating interest		2.29		3.46		1.51		1.78
Total direct expenses		67.60		80.24		64.72		58.60
Return over direct expense		33.78		14.30		32.64		51.05
Overhead Expenses								
Hired labor		1.50		1.99		0.85		0.52
Machinery leases		0.26		0.51		0.30		0.19
Farm insurance		1.68		1.71		1.59		1.57
Utilities		1.58		1.44		1.58		1.30
Interest		2.84		5.05		2.39		2.24
Mach & bldg depreciation		4.08		5.54		4.45		3.79
Miscellaneous		1.94		2.29		1.58		1.61
Total overhead expenses		13.88		18.54		12.74		11.22
Total dir & ovhd expenses		81.48		98.78		77.46		69.82
Net return		19.90		-4.24		19.91		39.82
Labor & management charge		10.88		11.58		11.03		10.22
Net return over lbr & mgt		9.02		-15.82		8.87		29.60
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		1.09		1.08		1.21		0.99
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