

Livestock Enterprise Analysis
North Dakota Farm Business Management Education Program
State Report, 2005
(Farms Sorted By Net Return Per Unit)

Beef Cow-Calf -- Average Per Cow

	<u>Avg. Of All Farms</u>		<u>Low20%</u>		<u>High 20%</u>	
	118		23		24	
	Quantity	Value	Quantity	Value	Quantity	Value
Number of farms						
Beef Calves sold (lb)	188.60	227.79	217.36	265.03	165.34	196.48
Transferred out (lb)	343.31	425.06	284.17	348.94	387.31	479.83
Cull sales (lb)		120.18		120.88		133.30
Butchered (lb)		0.83		-		0.59
Less purchased (lb)		-90.90		-147.71		-104.99
Less transferred in (lb)		-70.17		-99.17		-19.94
Inventory change (lb)		6.49		51.93		-4.04
Total production (lb)		619.30		539.89		681.24
Other income		0.44		-		-
Gross return		619.73		539.89		681.24
Direct Expenses						
Corn Silage (lb.)	2,400.00	20.06	2,354.08	19.66	2,465.17	20.65
Hay, Alfalfa (lb.)	458.78	10.39	721.93	18.04	234.10	5.11
Hay, Grass & Other (lb.)	5,858.82	98.92	6,100.23	102.99	5,274.33	81.02
Pasture (aum)	6.38	83.05	6.51	91.70	6.56	70.48
Creep / Starter (lb.)	100.36	6.36	134.28	7.60	128.49	8.39
Protein Vit Minerals (lb.)	72.77	13.28	77.89	12.40	65.66	11.36
Other feed stuffs	578.93	15.71	507.46	8.13	410.83	16.50
Veterinary		15.89		19.74		12.94
Supplies		8.73		10.28		6.60
Fuel & oil		17.46		24.78		14.80
Repairs		23.71		30.40		18.74
Custom hire		3.24		3.66		0.91
Livestock leases		4.46		12.76		-
Marketing		3.77		6.30		2.17
Operating interest		6.63		6.85		5.57
Total direct expenses		331.66		375.30		275.24
Return over direct expense		288.08		164.60		406.00
Overhead Expenses						
Hired labor		9.46		18.37		7.60
Farm insurance		9.07		6.68		8.33
Utilities		8.61		9.17		8.14
Interest		12.64		9.11		12.82
Mach & bldg depreciation		20.47		27.05		16.29
Miscellaneous		10.32		8.33		9.52
Total overhead expenses		70.58		78.71		62.69
Total dir & ovhd expenses		402.24		454.01		337.93
Net return		217.50		85.89		343.31
Cost of Production						
Total direct expense per cwt.		62.35		74.85		49.79
Total dir & ovhd expense per cwt.		75.62		90.55		61.13
With other revenue adjustments		68.97		85.80		56.97
With labor and management		79.79		95.84		67.49
Other Information						
Number of cows		151.3		145.3		173.0
Pregnancy percentage		97.4		97.9		96.4
Pregnancy loss percentage		1.6		2.2		1.2
Culling percentage		15.0		14.6		16.0
Calving percentage		95.9		95.7		95.3
Weaning percentage		91.9		91.2		91.8
Calves sold per cow		0.95		0.91		0.96
Calf death loss percent		4.6		4.5		3.8
Average weaning weight		558		552		568
Lbs weaned/exposed female		512		504		521
Feed cost per cow		247.76		260.53		213.51
Avg wgt/Beef Calf sold		587		577		602
Avg price / cwt		120.78		121.93		118.83