

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

Beef Replacement Heifers -- Average Per Head

	<u>Avg. Of All Farms</u>		<u>Low20%</u>		<u>40 - 60%</u>		<u>High 20%</u>	
Number of farms	62		12		13		13	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Beef Replace sold (hd)	0.16	160.72	0.09	68.77	0.07	51.12	0.11	130.47
Transferred out (hd)	0.93	917.59	1.07	1,088.05	0.95	953.23	1.17	1,126.22
Cull sales (hd)	0.02	12.39	0.04	27.59	0.05	39.69	-	-
Butchered (hd)	0.00	1.66	0.01	12.05	-	-	-	-
Less purchased (hd)	-0.34	-272.59	-0.77	-623.94	-0.30	-238.71	-0.14	-114.74
Less transferred in (hd)	-0.49	-349.09	-0.33	-257.67	-0.25	-170.02	-0.65	-427.42
Inventory change (hd)	-0.29	-190.38	-0.10	-121.43	-0.52	-387.05	-0.51	-315.05
Total production (hd)	0.00	280.30	0.00	193.43	0.00	248.25	0.00	399.47
Other income		-		-		-		-
Gross return		280.30		193.43		248.25		399.47
Direct Expenses								
Barley (bu.)	1.12	2.18	0.02	0.03	0.03	0.06	2.87	6.13
Corn (bu.)	4.32	9.31	7.53	16.00	6.60	13.63	3.18	7.57
Corn Silage (lb.)	1,387.24	11.97	3,047.95	25.00	354.57	3.27	1,224.76	12.30
Hay, Alfalfa (lb.)	284.90	7.48	855.89	21.12	127.92	3.20	356.00	12.17
Hay, Grass & Other (lb.)	2,330.11	42.66	2,905.27	48.28	3,032.94	62.12	2,033.80	34.52
Haylage, Alfalfa (lb.)	85.93	0.43	622.90	3.11	-	-	-	-
Oatlage (lb.)	163.49	1.23	1,185.19	8.89	-	-	-	-
Oats (bu.)	1.99	3.04	2.55	4.14	0.64	1.00	0.20	0.36
Pasture (aum)	4.41	57.64	4.84	63.82	4.19	58.60	4.55	64.27
Complete Ration (lb.)	228.01	13.61	104.92	5.25	46.61	1.45	-	-
Protein Vit Minerals (lb.)	43.85	6.80	90.47	9.44	72.74	8.03	25.06	5.45
Corn Distillers Grn (dry) (lb.)	49.31	1.27	53.20	0.27	107.53	5.38	-	-
Corn Gluten (lb.)	35.76	1.48	-	-	-	-	74.00	2.85
Other feed stuffs	328.71	5.29	96.00	4.10	75.30	1.70	136.04	2.00
Breeding fees		0.87		6.29		-		-
Veterinary		6.97		13.10		7.06		9.10
Supplies		1.74		1.97		2.31		1.45
Fuel & oil		8.97		12.46		7.68		5.87
Repairs		8.73		16.19		5.97		7.58
Custom hire		1.62		3.75		1.01		0.36
Marketing		0.39		0.33		1.83		-
Operating interest		11.27		11.56		2.78		5.13
Total direct expenses		204.95		275.10		187.05		177.13
Return over direct expense		75.35		-81.67		61.19		222.35
Overhead Expenses								
Custom hire		1.79		0.26		0.25		-
Hired labor		2.62		1.46		3.14		5.51
Farm insurance		2.88		3.05		3.22		1.95
Utilities		3.14		6.10		2.58		2.33
Interest		6.14		8.08		6.72		2.68
Mach & bldg depreciation		6.53		8.24		7.05		5.84
Miscellaneous		4.21		7.37		5.30		2.08
Total overhead expenses		27.31		34.55		28.26		20.39
Total dir & ovhd expenses		232.27		309.65		215.32		197.51
Net return		48.03		-116.22		32.93		201.96
Labor & management charge		21.41		34.14		21.39		14.59
Net return over lbr & mgt		26.63		-150.36		11.54		187.37
Cost of Production								
Total direct expense per head		918.88		1,069.29		923.29		809.34
Total dir & ovhd expense per head		943.91		1,099.11		950.96		825.29
With other revenue adjustments		943.91		1,099.11		950.96		825.29
With labor and management		963.52		1,128.59		971.90		836.71
Est. labor hours per unit		2.29		2.55		2.01		1.77
Other Information								
No. purchased or trans in		29		27		16		31
Number sold or trans out		38		29		29		49
Average number of head		35		25		29		38
Percentage death loss		0.4		-		0.2		1.3
Feed cost per average head		164.39		209.43		158.42		147.63