

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

Dairy -- Average Per Cow

	<u>Avg. Of</u>	
	<u>All Farms</u>	
Number of farms	15	
	Quantity	Value
Milk sold (lb)	16,440.77	2,513.07
Milk used in home (lb)	3.39	0.53
Milk fed to animals (lb)	95.48	10.93
Dairy Calves sold (hd)	0.09	20.64
Transferred out (hd)	0.46	104.43
Cull sales (hd)	0.19	132.60
Butchered (hd)	0.00	0.70
Less purchased (hd)	-0.01	-16.86
Less transferred in (hd)	-0.29	-354.86
Inventory change (hd)	0.01	0.62
Total production		2,411.80
Other income		9.89
Gross return		2,421.69
Direct Expenses		
Barley (bu.)	34.85	55.95
Corn (bu.)	53.21	103.81
Corn Silage (lb.)	13,030.24	119.99
Hay, Alfalfa (lb.)	5,944.99	168.76
Hay, Grass & Other (lb.)	1,346.22	26.52
Haylage, Grass & Other (lb.)	431.97	3.89
Pasture (aum)	1.32	20.96
Complete Ration (lb.)	1,309.07	86.46
Protein Vit Minerals (lb.)	1,453.07	221.32
Corn Distillers Grn (dry) (lb.)	660.69	26.46
Other feed stuffs	1,714.04	20.52
Veterinary		76.02
Supplies		111.78
Fuel & oil		115.38
Repairs		140.44
Custom hire		79.37
Utilities		4.06
Marketing		161.60
Operating interest		21.63
Total direct expenses		1,564.94
Return over direct expense		856.75
Overhead Expenses		
Hired labor		123.87
Farm insurance		37.53
Utilities		66.51
Dues & professional fees		6.59
Interest		91.31
Mach & bldg depreciation		115.98
Miscellaneous		33.20
Total overhead expenses		475.00
Total dir & ovhd expenses		2,039.93
Net return		381.75
Cost of Production		
Total direct expense per cwt.		9.46
Total dir & ovhd expense per cwt.		12.33
With other revenue adjustments		12.96
With labor and management		14.55
Other Information		
Avg. number of Cows		61.7
Milk produced per Cow		16,540
Culling percentage		19.2
Turnover rate		26.7
Percent of barn capacity		91.1
Lbs. milk/lb grain & conc.		2.0
Feed cost per cwt of milk		5.17
Feed cost per Cow		854.66
Avg. milk price per cwt.		15.29