

Figure 1. Cost summary for 2004 North Dakota Farm Business Management herds (ND-FBM)

Per cow		
Item	ND-FBM average	Your herd
Gross income	\$702 ¹	
Pasture cost	\$82	
Winter feed costs	\$159	
Total annual feed costs	\$240	
Feed costs as percent of total costs	47%	
Vet & medicine costs	\$14.50	
Livestock costs	\$61.08	
Overhead costs	\$67.84	
Replacement heifer costs	\$127.80	
Total costs per cow	\$512²	
Earned net income	\$190	

¹This is a different gross income number than reported in last month's article. I shifted the cost of purchased replacements from being a reduction in the gross income number to being a production cost. The earned net income value stays the same.

²Total costs per cow is now increased by the same amount that gross income was increased. Earned net income stays the same.

Figure 2. Forage disappearance

Item	Lbs.	Dry matter %	Dry matter lbs.
Corn silage	1,634	35%	572
Alfalfa hay	451	90%	406
Grass hay	5,615	90%	5,054
Total	7,700		6,031
Tons of hay equivalent:			3.35

Figure 3. Annual feed costs per cow

Feed	Lbs.	Price/ton	Cost/cow
Corn silage	1,634	\$16.19	\$13.23
Alfalfa hay	451	\$46.56	\$10.50
Grass hay	5,615	\$36.05	\$101.21
Tons hay equivalent	3.35	\$37.29	\$125
Creep/starter	100	\$120.00	\$6.00
Protein, vitamins, minerals	111	\$206.13	\$11.44
Other feedstuffs	623	\$51.94	\$16.18
Pasture (AUMS)	6.42	\$12.73	\$81.72
Total feed costs			\$240

Figure 4. Livestock costs per cow

Item	ND-FBM average	Your herd
Supplies	\$9.68	
Fuel & oil	\$13.29	
Repairs	\$22.00	
Custom hire	\$3.53	
Livestock leases	\$1.67	
Marketing	\$4.47	
Operating interest	\$6.44	
Total	\$61.08	

Figure 5. Overhead costs per cow

Item	ND-FBM average	Your herd
Hired labor	\$9.68	
Farm insurance	\$13.29	
Utilities	\$22.00	
Interest	\$3.53	
Machine & building depreciation	\$1.67	
Miscellaneous	\$4.47	
Total overhead costs	\$54.64	