

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

Hay, Mixed Alfalfa/Grass on Owned Land

	<u>Avg. Of All Farms</u>	<u>Low 20%</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of fields	75	12	30	9
Number of farms	42	8	9	9
Acres	69.85	70.02	34.96	138.43
Yield per acre (ton)	0.83	0.46	1.26	0.76
Operators share of yield %	100.00	100.00	100.00	100.00
Value per ton	44.37	44.80	41.05	53.30
Other product return per acre	1.59	1.22	-	3.78
Total product return per acre	38.35	21.86	51.80	44.19
Miscellaneous income per acre	7.50	0.46	-	22.82
Gross return per acre	45.85	22.32	51.80	67.01
Direct Expenses				
Seed	0.12	-	-	0.51
Fertilizer	0.86	-	2.96	0.28
Crop insurance	0.67	0.12	-	1.84
Fuel & oil	6.40	6.67	9.68	5.46
Repairs	6.94	8.02	9.73	7.59
Operating interest	2.38	2.20	2.49	3.00
Miscellaneous	0.48	0.26	0.45	-
Total direct expenses per acre	17.86	17.27	25.30	18.67
Return over direct exp per acre	27.99	5.05	26.50	48.34
Overhead Expenses				
Hired labor	1.60	0.21	0.43	3.82
Machinery leases	0.21	0.28	0.52	0.05
RE & pers. property taxes	3.25	3.84	3.37	2.59
Farm insurance	1.81	3.03	1.90	1.36
Utilities	0.91	0.92	1.06	0.67
Interest	10.05	16.24	12.43	7.85
Mach & bldg depreciation	6.35	7.10	4.78	7.02
Miscellaneous	2.06	3.69	2.11	0.73
Total overhead expenses per acre	26.23	35.31	26.61	24.09
Total dir & ovhd expenses per acre	44.09	52.58	51.92	42.77
Net return per acre	1.76	-30.27	-0.11	24.24
Government payments	7.36	9.04	4.35	8.38
Net return with govt pmts	9.12	-21.22	4.24	32.63
Labor & management charge	9.33	8.64	11.74	8.36
Net return over lbr & mgt	-0.21	-29.87	-7.50	24.26
Cost of Production				
Total direct expense per ton	21.56	37.49	20.05	24.63
Total dir & ovhd exp per ton	53.22	114.14	41.14	56.41
Less govt & other income	33.37	90.87	37.70	10.27
With labor & management	44.63	109.63	47.00	21.30
Machinery cost per acre	22.20	25.45	28.14	21.65
Est. labor hours per acre	0.97	0.85	1.01	1.09