

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

Hay, Mixed Alfalfa/Grass on Cash Rent

	<u>Avg. Of All Farms</u>	<u>Low 20%</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of fields	101	21	21	20
Number of farms	52	10	11	11
Acres	130.04	160.10	169.28	69.15
Yield per acre (ton)	0.89	0.39	0.95	1.50
Operators share of yield %	100.00	100.00	100.00	100.00
Value per ton	42.64	44.97	41.72	43.22
Other product return per acre	0.43	0.58	0.44	-
Total product return per acre	38.52	18.31	39.94	64.94
Miscellaneous income per acre	4.07	10.54	3.45	0.05
Gross return per acre	42.59	28.84	43.39	64.99
Direct Expenses				
Fertilizer	0.31	0.57	-	-
Crop chemicals	0.19	0.74	-	-
Fuel & oil	6.52	6.85	6.32	5.65
Repairs	5.83	6.52	6.00	5.13
Custom hire	0.87	1.84	1.47	-
Land rent	13.36	19.87	9.45	10.27
Operating interest	2.29	1.78	2.07	1.45
Miscellaneous	0.45	0.45	0.33	0.36
Total direct expenses per acre	29.82	38.62	25.63	22.85
Return over direct exp per acre	12.77	-9.78	17.76	42.14
Overhead Expenses				
Hired labor	1.43	0.77	1.79	2.99
Farm insurance	1.69	2.79	0.83	1.51
Utilities	0.85	1.37	0.67	0.93
Interest	2.37	2.28	2.16	2.59
Mach & bldg depreciation	6.01	6.47	5.93	6.13
Miscellaneous	1.94	2.78	1.81	1.50
Total overhead expenses per acre	14.28	16.48	13.19	15.64
Total dir & ovhd expenses per acre	44.10	55.10	38.82	38.50
Net return per acre	-1.51	-26.26	4.57	26.50
Government payments	3.05	4.68	2.00	4.01
Net return with govt pmts	1.54	-21.57	6.57	30.51
Labor & management charge	8.41	9.51	7.64	6.86
Net return over lbr & mgt	-6.87	-31.08	-1.07	23.65
Cost of Production				
Total direct expense per ton	33.38	97.99	27.08	15.21
Total dir & ovhd exp per ton	49.37	139.79	41.01	25.62
Less govt & other income	40.92	99.70	34.77	22.92
With labor & management	50.33	123.83	42.85	27.48
Machinery cost per acre	21.51	23.96	21.94	18.96
Est. labor hours per acre	0.89	0.94	0.84	0.79