

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

Hay, Alfalfa on Owned Land

	<u>Avg. Of All Farms</u>	<u>Low 20%</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of fields	64	11	12	14
Number of farms	53	10	10	11
Acres	73.28	30.80	72.66	48.77
Yield per acre (ton)	0.86	0.66	1.17	1.73
Operators share of yield %	100.00	100.00	100.00	100.00
Value per ton	53.72	39.85	56.61	53.44
Other product return per acre	0.13	-	-	0.18
Total product return per acre	46.21	26.44	66.16	92.79
Miscellaneous income per acre	20.44	2.02	4.02	27.95
Gross return per acre	66.65	28.46	70.18	120.74
Direct Expenses				
Seed	0.21	-	-	1.47
Fertilizer	1.35	5.24	2.41	3.58
Crop insurance	1.87	0.94	0.30	3.54
Fuel & oil	8.23	12.31	9.20	11.21
Repairs	7.30	11.11	5.60	10.00
Custom hire	0.14	-	-	0.86
Operating interest	2.43	4.67	2.31	3.33
Miscellaneous	0.14	0.12	0.48	0.27
Total direct expenses per acre	21.67	34.40	20.31	34.26
Return over direct exp per acre	44.98	-5.94	49.87	86.48
Overhead Expenses				
Custom hire	0.17	-	-	1.18
Hired labor	2.99	2.08	3.63	1.58
RE & pers. property taxes	3.24	3.94	3.10	5.38
Farm insurance	1.55	2.25	1.68	2.06
Utilities	1.00	1.46	1.08	1.29
Interest	10.04	12.68	16.40	10.60
Mach & bldg depreciation	7.74	6.70	10.27	8.32
Miscellaneous	2.16	4.40	2.43	1.93
Total overhead expenses per acre	28.89	33.52	38.58	32.34
Total dir & ovhd expenses per acre	50.55	67.92	58.90	66.60
Net return per acre	16.09	-39.46	11.29	54.14
Government payments	7.86	6.71	6.09	8.30
Net return with govt pmts	23.96	-32.75	17.38	62.44
Labor & management charge	9.45	14.34	10.25	12.06
Net return over lbr & mgt	14.50	-47.10	7.12	50.38
Cost of Production				
Total direct expense per ton	25.26	51.84	17.38	19.77
Total dir & ovhd exp per ton	58.94	102.36	50.40	38.43
Less govt & other income	25.79	89.21	41.74	17.41
With labor & management	36.82	110.83	50.52	24.37
Machinery cost per acre	26.28	34.81	29.32	33.67
Est. labor hours per acre	1.04	1.53	1.21	1.07