

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

Hay, Grass on Owned Land

	<u>Avg. Of All Farms</u>	<u>Low 20%</u>	<u>High 20%</u>
Number of fields	43	8	11
Number of farms	31	6	7
Acres	78.37	112.11	38.24
Yield per acre (ton)	0.79	0.42	1.85
Operators share of yield %	100.00	100.00	100.00
Value per ton	32.00	30.71	31.47
Other product return per acre	1.15	4.31	-
Total product return per acre	26.30	17.11	58.12
Miscellaneous income per acre	0.14	0.54	-
Gross return per acre	26.44	17.64	58.12
Direct Expenses			
Seed	0.46	1.29	0.95
Fertilizer	0.07	-	0.59
Fuel & oil	6.71	10.36	6.08
Repairs	6.92	11.35	5.69
Operating interest	1.47	0.69	2.70
Miscellaneous	0.34	0.20	0.71
Total direct expenses per acre	15.98	23.89	16.73
Return over direct exp per acre	10.46	-6.24	41.39
Overhead Expenses			
Hired labor	1.99	2.27	2.37
RE & pers. property taxes	2.63	2.38	3.15
Farm insurance	1.42	1.46	1.90
Utilities	1.26	1.03	0.90
Interest	9.71	14.85	3.80
Mach & bldg depreciation	3.87	4.30	5.73
Miscellaneous	1.89	1.62	1.85
Total overhead expenses per acre	22.76	27.90	19.71
Total dir & ovhd expenses per acre	38.74	51.78	36.44
Net return per acre	-12.30	-34.14	21.68
Government payments	1.33	0.44	2.74
Net return with govt pmts	-10.96	-33.70	24.42
Labor & management charge	8.84	8.79	10.19
Net return over lbr & mgt	-19.81	-42.49	14.23
Cost of Production			
Total direct expense per ton	20.33	57.33	9.06
Total dir & ovhd exp per ton	49.29	124.29	19.73
Less govt & other income	45.95	111.61	18.24
With labor & management	57.20	132.70	23.76
Machinery cost per acre	19.80	29.20	17.44
Est. labor hours per acre	1.05	1.07	0.96