

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

Hay, Mixed Alfalfa/Grass on Cash Rent

	<u>Avg. Of All Farms</u>	<u>Low 20%</u>	<u>High 20%</u>
Number of fields	45	8	13
Number of farms	28	5	6
Acres	85.01	110.04	24.34
Yield per acre (ton)	1.84	1.78	2.39
Operators share of yield %	100.00	100.00	100.00
Value per ton	31.90	33.03	36.93
Total product return per acre	58.82	58.94	88.39
Miscellaneous income per acre	-	-	-
Gross return per acre	58.82	58.94	88.39
Direct Expenses			
Fuel & oil	9.81	12.66	7.57
Repairs	9.80	17.00	5.44
Land rent	15.03	22.95	19.66
Operating interest	2.14	3.66	1.04
Miscellaneous	2.76	1.82	1.09
Total direct expenses per acre	39.53	58.10	34.80
Return over direct exp per acre	19.28	0.83	53.59
Overhead Expenses			
Hired labor	1.70	3.05	1.04
Farm insurance	1.98	3.04	1.44
Utilities	1.24	1.30	1.42
Interest	2.50	3.90	2.62
Mach & bldg depreciation	6.37	11.43	4.27
Miscellaneous	2.78	4.35	2.72
Total overhead expenses per acre	16.57	27.08	13.51
Total dir & ovhd expenses per acre	56.11	85.18	48.31
Net return per acre	2.71	-26.24	40.07
Government payments	4.51	5.96	7.11
Net return with govt pmts	7.21	-20.28	47.18
Labor & management charge	10.72	11.81	10.22
Net return over lbr & mgt	-3.51	-32.09	36.96
Cost of Production			
Total direct expense per ton	21.44	32.56	14.54
Total dir & ovhd exp per ton	30.43	47.74	20.18
Less govt & other income	27.99	44.40	17.21
With labor & management	33.80	51.02	21.48
Machinery cost per acre	28.72	44.44	19.47
Est. labor hours per acre	0.91	0.94	0.97