

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

Hay, Oats on Cash Rent

	<u>Avg. Of All Farms</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of fields	29	9	7
Number of farms	22	5	5
Acres	69.94	47.92	102.59
Yield per acre (ton)	0.87	0.75	0.82
Operators share of yield %	100.00	100.00	100.00
Value per ton	44.28	46.10	51.16
Other product return per acre	0.35	-	-
Total product return per acre	38.81	34.72	41.78
Miscellaneous income per acre	20.35	34.09	26.54
Gross return per acre	59.16	68.81	68.33
Direct Expenses			
Seed	6.43	6.37	7.33
Fertilizer	12.92	21.16	10.65
Crop chemicals	3.65	5.79	3.89
Crop insurance	3.77	3.76	3.64
Fuel & oil	8.16	8.53	6.20
Repairs	8.24	7.24	4.66
Custom hire	1.33	0.72	-
Land rent	24.58	24.27	24.06
Operating interest	2.44	2.64	0.75
Miscellaneous	0.10	-	-
Total direct expenses per acre	71.63	80.49	61.19
Return over direct exp per acre	-12.47	-11.68	7.13
Overhead Expenses			
Hired labor	1.17	1.01	0.50
Machinery leases	1.09	0.21	0.55
Farm insurance	2.19	3.03	2.13
Utilities	1.16	1.43	1.02
Dues & professional fees	0.14	-	0.01
Interest	3.51	2.38	3.21
Mach & bldg depreciation	5.89	10.05	2.34
Miscellaneous	2.40	2.92	1.08
Total overhead expenses per acre	17.56	21.03	10.84
Total dir & ovhd expenses per acre	89.19	101.51	72.03
Net return per acre	-30.03	-32.70	-3.71
Government payments	10.42	9.66	11.57
Net return with govt pmts	-19.61	-23.05	7.86
Labor & management charge	11.17	9.74	8.62
Net return over lbr & mgt	-30.78	-32.79	-0.76
Cost of Production			
Total direct expense per ton	82.49	106.86	74.93
Total dir & ovhd exp per ton	102.71	134.78	88.20
Less govt & other income	66.87	76.70	41.54
With labor & management	79.74	89.63	52.09
Machinery cost per acre	27.97	28.45	16.95
Est. labor hours per acre	1.17	0.97	1.32