

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

Hay, Mixed on Owned Land

	<u>Avg. Of All Farms</u>	<u>Low 20%</u>	<u>High 20%</u>
Number of fields	58	15	12
Number of farms	40	8	8
Acres	114.03	150.99	119.57
Yield per acre (ton)	1.30	0.90	1.80
Operators share of yield %	100.00	100.00	100.00
Value per ton	36.59	30.12	42.24
Other product return per acre	0.34	-	0.76
Total product return per acre	47.86	27.10	76.76
Miscellaneous income per acre	0.03	-	-
Gross return per acre	47.89	27.10	76.76
Direct Expenses			
Seed	0.26	-	0.87
Crop insurance	0.25	-	0.73
Fuel & oil	6.56	8.47	4.83
Repairs	7.74	9.68	5.88
Custom hire	1.00	-	0.80
Operating interest	1.88	2.73	1.50
Miscellaneous	0.66	0.77	0.66
Total direct expenses per acre	18.36	21.65	15.27
Return over direct exp per acre	29.54	5.46	61.49
Overhead Expenses			
Hired labor	1.57	0.15	1.02
RE & pers. property taxes	2.70	2.24	2.62
Farm insurance	1.57	1.66	1.40
Utilities	1.08	1.27	1.05
Interest	12.04	19.06	5.01
Mach & bldg depreciation	4.89	3.29	5.22
Miscellaneous	1.94	1.17	1.70
Total overhead expenses per acre	25.79	28.83	18.02
Total dir & ovhd expenses per acre	44.15	50.48	33.29
Net return per acre	3.75	-23.37	43.47
Government payments	2.51	0.44	5.06
Net return with govt pmts	6.26	-22.94	48.53
Labor & management charge	9.55	8.59	10.42
Net return over lbr & mgt	-3.30	-31.52	38.11
Cost of Production			
Total direct expense per ton	14.14	24.06	8.49
Total dir & ovhd exp per ton	34.00	56.10	18.50
Less govt & other income	31.77	55.61	15.27
With labor & management	39.13	65.16	21.06
Machinery cost per acre	22.26	24.40	17.75
Est. labor hours per acre	0.92	0.70	1.05