

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

Hay, Mixed on Owned Land

	<u>Avg. Of All Farms</u>	<u>Low 20%</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of fields	31	6	6	6
Number of farms	25	5	5	5
Acres	142.94	34.28	39.17	221.33
Yield per acre (ton)	1.00	0.21	0.95	1.52
Operators share of yield %	100.00	100.00	100.00	100.00
Value per ton	35.89	34.97	31.79	36.33
Total product return per acre	35.87	7.29	30.30	55.29
Miscellaneous income per acre	-	-	-	-
Gross return per acre	35.87	7.29	30.30	55.29
Direct Expenses				
Fuel & oil	7.69	8.55	7.46	8.29
Repairs	7.61	6.99	9.45	7.30
Operating interest	2.32	5.92	1.08	1.74
Miscellaneous	0.07	-	-	0.23
Total direct expenses per acre	17.69	21.46	17.99	17.57
Return over direct exp per acre	18.18	-14.17	12.31	37.72
Overhead Expenses				
Custom hire	0.03	0.64	-	-
Hired labor	2.24	1.09	1.15	0.46
Machinery leases	0.34	0.12	0.77	0.01
RE & pers. property taxes	3.81	4.37	2.53	4.33
Farm insurance	1.28	2.31	1.44	1.39
Utilities	1.02	1.70	0.84	1.16
Interest	9.90	13.76	7.01	9.24
Mach & bldg depreciation	4.14	3.15	7.79	2.93
Miscellaneous	1.06	3.30	2.56	0.88
Total overhead expenses per acre	23.81	30.43	24.09	20.39
Total dir & ovhd expenses per acre	41.50	51.89	42.08	37.96
Net return per acre	-5.63	-44.60	-11.79	17.33
Government payments	0.24	-	1.06	-
Net return with govt pmts	-5.40	-44.60	-10.73	17.33
Labor & management charge	8.27	9.00	10.44	8.57
Net return over lbr & mgt	-13.67	-53.60	-21.17	8.76
Cost of Production				
Total direct expense per ton	17.70	102.92	18.88	11.54
Total dir & ovhd exp per ton	41.53	248.82	44.15	24.94
Less govt & other income	41.29	248.82	43.04	24.94
With labor & management	49.58	291.98	54.00	30.57
Machinery cost per acre	22.29	24.13	25.73	20.45
Est. labor hours per acre	0.80	0.89	0.97	0.74