

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

Corn on Owned Land

	<u>Avg. Of All Farms</u>	<u>Low 20%</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of fields	73	16	13	15
Number of farms	66	13	13	14
Acres	122.37	107.33	154.09	184.83
Yield per acre (bu.)	107.80	65.00	93.84	140.43
Operators share of yield %	100.00	100.00	100.00	100.00
Value per bu.	2.80	2.74	2.78	2.83
Other product return per acre	0.60	-	0.56	1.53
Total product return per acre	302.77	177.78	261.86	399.28
Miscellaneous income per acre	10.23	24.80	14.83	6.78
Gross return per acre	313.00	202.58	276.69	406.06
Direct Expenses				
Seed	42.47	39.99	37.84	40.37
Fertilizer	50.97	47.94	39.87	59.96
Crop chemicals	19.54	15.48	18.55	25.71
Crop insurance	12.53	12.71	15.30	8.88
Drying fuel	5.15	2.43	1.35	9.61
Fuel & oil	16.12	10.93	15.62	19.36
Repairs	18.00	16.90	16.02	18.88
Custom hire	4.92	10.97	4.71	1.57
Machinery leases	0.54	1.23	1.08	0.21
Operating interest	4.30	2.29	5.93	2.19
Miscellaneous	0.44	-	0.69	0.22
Total direct expenses per acre	174.98	160.88	156.96	186.94
Return over direct exp per acre	138.02	41.70	119.73	219.12
Overhead Expenses				
Custom hire	0.57	0.01	0.13	1.15
Hired labor	8.66	10.63	7.17	9.31
Machinery leases	1.79	2.47	2.81	0.53
RE & pers. property taxes	9.00	7.44	6.71	11.85
Farm insurance	3.30	2.67	2.14	4.13
Utilities	2.54	2.69	1.73	3.00
Dues & professional fees	1.19	0.41	0.36	1.32
Interest	28.13	36.86	27.49	16.64
Mach & bldg depreciation	17.07	18.10	15.84	19.93
Miscellaneous	3.03	6.83	2.53	1.88
Total overhead expenses per acre	75.26	88.10	66.91	69.73
Total dir & ovhd expenses per acre	250.24	248.98	223.88	256.68
Net return per acre	62.76	-46.40	52.81	149.39
Government payments	14.11	12.29	13.35	16.31
Net return with govt pmts	76.87	-34.11	66.16	165.69
Labor & management charge	21.09	20.20	19.38	23.07
Net return over lbr & mgt	55.78	-54.31	46.79	142.62
Cost of Production				
Total direct expense per bu.	1.62	2.48	1.67	1.33
Total dir & ovhd exp per bu.	2.32	3.83	2.39	1.83
Less govt & other income	2.09	3.26	2.08	1.65
With labor & management	2.29	3.57	2.29	1.82
Machinery cost per acre	61.82	64.22	60.29	62.73
Est. labor hours per acre	1.62	1.81	1.49	1.77