

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

Corn on Cash Rent

	<u>Avg. Of All Farms</u>	<u>Low 20%</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of fields	143	31	31	26
Number of farms	92	18	19	19
Acres	172.07	109.30	200.94	169.52
Yield per acre (bu.)	112.80	61.53	105.48	149.23
Operators share of yield %	100.00	100.00	100.00	100.00
Value per bu.	2.74	2.47	2.80	2.87
Other product return per acre	1.49	0.76	3.64	0.39
Total product return per acre	310.34	153.00	299.21	428.05
Miscellaneous income per acre	10.44	16.59	18.50	1.59
Gross return per acre	320.78	169.59	317.71	429.63
Direct Expenses				
Seed	42.11	38.92	42.19	43.33
Fertilizer	52.09	43.88	50.30	60.87
Crop chemicals	16.00	14.81	19.79	16.04
Crop insurance	13.79	13.44	17.38	12.61
Drying fuel	5.01	1.45	3.67	8.59
Fuel & oil	16.59	13.15	16.94	16.92
Repairs	17.11	14.22	15.14	16.20
Custom hire	4.39	8.31	2.79	3.50
Land rent	52.82	38.30	54.72	63.72
Machinery leases	0.24	-	0.91	-
Operating interest	5.93	6.43	7.46	4.98
Miscellaneous	0.83	3.43	0.99	0.58
Total direct expenses per acre	226.91	196.35	232.27	247.36
Return over direct exp per acre	93.87	-26.75	85.44	182.27
Overhead Expenses				
Custom hire	1.66	0.05	2.10	4.74
Hired labor	7.98	4.31	7.46	6.94
Machinery leases	2.53	2.81	2.68	2.58
Farm insurance	3.81	2.05	3.81	5.10
Utilities	2.67	1.69	1.89	3.80
Dues & professional fees	1.60	0.49	0.68	2.06
Interest	5.05	4.09	7.94	5.80
Mach & bldg depreciation	16.10	11.78	14.94	14.39
Miscellaneous	2.76	2.37	3.06	3.36
Total overhead expenses per acre	44.16	29.64	44.55	48.75
Total dir & ovhd expenses per acre	271.07	225.99	276.82	296.11
Net return per acre	49.71	-56.39	40.88	133.52
Government payments	13.91	10.62	14.52	14.99
Net return with govt pmts	63.61	-45.77	55.40	148.51
Labor & management charge	21.09	17.43	22.05	20.89
Net return over lbr & mgt	42.52	-63.20	33.35	127.62
Cost of Production				
Total direct expense per bu.	2.01	3.19	2.20	1.66
Total dir & ovhd exp per bu.	2.40	3.67	2.62	1.98
Less govt & other income	2.17	3.22	2.28	1.87
With labor & management	2.36	3.50	2.49	2.01
Machinery cost per acre	62.73	53.90	62.52	63.59
Est. labor hours per acre	1.46	1.27	1.59	1.32