

Crop Enterprise Analysis
Minnesota and North Dakota Farm Business Mgmt Education
Red River Valley, 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	51	12	10	11
Number of farms	45	9	9	9
Acres	135.36	116.74	107.21	168.77
Yield per acre (bu.)	134.51	104.99	136.25	157.09
Operators share of yield %	100.00	100.00	100.00	100.00
Value per bu.	2.72	2.46	2.75	2.82
Total product return per acre	366.06	258.30	374.05	443.56
Miscellaneous income per acre	5.47	8.33	-	10.13
Gross return per acre	371.53	266.63	374.05	453.69
Direct Expenses				
Seed	44.70	42.65	47.99	41.23
Fertilizer	62.44	58.74	57.88	72.97
Crop chemicals	17.22	10.27	13.20	23.44
Crop insurance	13.34	13.97	15.09	11.92
Drying fuel	8.20	6.42	5.83	14.18
Fuel & oil	20.10	20.51	19.58	20.98
Repairs	21.73	24.77	19.44	21.32
Custom hire	2.90	4.73	3.82	1.76
Operating interest	7.53	7.47	6.96	5.02
Miscellaneous	0.18	-	0.20	0.03
Total direct expenses per acre	198.33	189.53	189.98	212.86
Return over direct exp per acre	173.19	77.11	184.07	240.83
Overhead Expenses				
Custom hire	1.38	1.84	3.37	0.05
Hired labor	10.00	14.02	8.37	11.02
Machinery leases	1.91	3.34	1.21	0.75
RE & pers. property taxes	11.71	9.81	10.45	15.14
Farm insurance	4.56	3.37	6.39	4.69
Utilities	3.78	3.60	4.83	3.69
Dues & professional fees	3.49	2.38	3.19	4.58
Interest	38.45	50.81	46.74	17.27
Mach & bldg depreciation	18.58	18.76	18.70	20.71
Miscellaneous	2.97	2.57	3.11	3.32
Total overhead expenses per acre	96.82	110.50	106.33	81.22
Total dir & ovhd expenses per acre	295.15	300.03	296.31	294.08
Net return per acre	76.38	-33.40	77.73	159.62
Government payments	15.36	15.58	16.43	15.61
Net return with govt pmnts	91.74	-17.81	94.16	175.22
Labor & management charge	24.79	27.92	20.31	26.65
Net return over lbr & mgt	66.95	-45.73	73.85	148.57
Cost of Production				
Total direct expense per bu.	1.47	1.81	1.39	1.36
Total dir & ovhd exp per bu.	2.19	2.86	2.17	1.87
Less govt & other income	2.04	2.63	2.05	1.71
With labor & management	2.22	2.90	2.20	1.88
Machinery cost per acre	71.20	79.47	70.93	66.77
Est. labor hours per acre	1.71	1.84	1.14	2.04