

Crop Enterprise Analysis
Minnesota and North Dakota Farm Business Mgmt. Education
Red River Valley, 2005
(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	78	13	15	17
Number of farms	64	12	13	13
Acres	267.55	167.22	393.07	126.28
Yield per acre (bu.)	144.80	129.45	144.00	154.25
Operators share of yield %	100.00	100.00	100.00	100.00
Value per bu.	2.29	1.98	2.28	2.35
Total product return per acre	331.43	256.67	327.61	362.92
Miscellaneous income per acre	11.85	15.31	10.47	30.94
Gross return per acre	343.27	271.98	338.08	393.85
Direct Expenses				
Seed	42.12	42.64	42.54	42.93
Fertilizer	55.56	54.10	56.61	54.22
Crop chemicals	19.61	17.45	22.82	15.32
Crop insurance	11.29	11.81	10.14	9.98
Drying fuel	10.90	15.87	11.18	9.22
Fuel & oil	17.55	20.40	15.75	15.76
Repairs	22.27	24.42	19.32	19.24
Custom hire	4.88	3.13	4.14	7.57
Land rent	66.56	62.37	63.13	66.80
Machinery leases	0.13	1.04	-	-
Operating interest	5.03	6.85	5.95	2.22
Miscellaneous	1.13	6.90	0.08	1.37
Total direct expenses per acre	257.01	266.99	251.65	244.63
Return over direct exp per acre	86.26	4.99	86.43	149.22
Overhead Expenses				
Custom hire	1.15	0.67	1.00	1.28
Hired labor	12.49	9.29	7.92	10.22
Machinery leases	4.18	3.15	4.69	2.06
Farm insurance	3.80	4.79	4.50	5.07
Utilities	3.53	3.88	2.83	3.10
Dues & professional fees	2.31	1.62	3.58	3.12
Interest	4.70	4.75	7.56	2.78
Mach & bldg depreciation	14.63	18.01	16.86	16.27
Miscellaneous	1.93	3.15	2.77	2.36
Total overhead expenses per acre	48.72	49.30	51.71	46.25
Total dir & ovhd expenses per acre	305.73	316.29	303.36	290.88
Net return per acre	37.54	-44.31	34.72	102.97
Government payments	15.65	16.66	15.41	14.16
Net return with govt pmts	53.19	-27.66	50.14	117.13
Labor & management charge	31.99	27.60	21.76	29.26
Net return over lbr & mgt	21.20	-55.26	28.38	87.87
Cost of Production				
Total direct expense per bu.	1.77	2.06	1.75	1.59
Total dir & ovhd exp per bu.	2.11	2.44	2.11	1.89
Less govt & other income	1.92	2.20	1.93	1.59
With labor & management	2.14	2.41	2.08	1.78
Machinery cost per acre	69.03	74.96	68.65	64.53
Est. labor hours per acre	1.79	1.78	1.52	1.72