

Crop Enterprise Analysis
Minnesota and North Dakota Farm Business Mgmt Education
Red River Valley, 2006
(Farms Sorted By Net Return)

Wheat, Spring on Share Rent

	<u>Avg. Of All Farms</u>	<u>Low 20%</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of fields	40	5	11	11
Number of farms	27	5	6	6
Acres	112.82	180.24	84.48	103.64
Yield per acre (bu.)	55.37	45.54	55.58	63.97
Operators share of yield %	66.34	62.46	63.39	69.98
Value per bu.	4.39	4.28	4.25	4.28
Total product return per acre	161.40	121.69	149.67	191.46
Miscellaneous income per acre	6.77	3.33	11.74	14.61
Gross return per acre	168.17	125.02	161.41	206.08
Direct Expenses				
Seed	12.07	10.47	11.82	12.66
Fertilizer	44.71	48.15	45.24	39.18
Crop chemicals	13.41	10.43	15.10	13.96
Crop insurance	5.99	4.50	4.90	7.54
Fuel & oil	11.73	10.74	13.97	11.70
Repairs	14.46	18.48	17.53	11.53
Custom hire	1.08	3.33	0.68	-
Machinery leases	1.23	-	-	-
Operating interest	3.75	5.15	2.68	3.47
Miscellaneous	0.19	-	0.93	-
Total direct expenses per acre	108.62	111.27	112.85	100.05
Return over direct exp per acre	59.55	13.75	48.56	106.03
Overhead Expenses				
Custom hire	1.76	2.17	0.06	1.09
Hired labor	4.62	3.76	5.84	5.45
Machinery leases	0.54	-	0.22	0.72
Farm insurance	4.41	5.98	4.93	3.81
Utilities	2.81	3.19	2.88	2.99
Dues & professional fees	1.99	2.81	1.55	1.06
Interest	4.39	3.50	4.95	2.86
Mach & bldg depreciation	12.10	16.96	10.73	10.61
Miscellaneous	3.05	4.04	0.79	2.47
Total overhead expenses per acre	35.66	42.42	31.95	31.08
Total dir & ovhd expenses per acre	144.28	153.69	144.80	131.12
Net return per acre	23.89	-28.67	16.61	74.96
Government payments	9.56	10.35	8.34	10.12
Net return with govt pmts	33.45	-18.33	24.95	85.07
Labor & management charge	17.18	20.64	12.99	15.82
Net return over lbr & mgt	16.27	-38.96	11.96	69.25
Cost of Production				
Total direct expense per bu.	2.96	3.91	3.20	2.23
Total dir & ovhd exp per bu.	3.93	5.40	4.11	2.93
Less govt & other income	3.48	4.92	3.54	2.38
With labor & management	3.95	5.65	3.91	2.73
Machinery cost per acre	46.96	54.42	47.88	38.39
Est. labor hours per acre	1.38	1.85	1.04	1.26