

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

Wheat, Spring on Owned Land

	<u>Avg. Of All Farms</u>	<u>Low 20%</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of fields	140	25	31	34
Number of farms	110	22	22	22
Acres	170.14	225.72	159.04	135.30
Yield per acre (bu.)	51.30	41.98	51.43	58.52
Operators share of yield %	100.00	100.00	100.00	100.00
Value per bu.	4.40	4.23	4.42	4.50
Total product return per acre	225.93	177.46	227.50	263.36
Miscellaneous income per acre	4.92	7.33	4.10	4.34
Gross return per acre	230.85	184.79	231.60	267.69
Direct Expenses				
Seed	13.04	13.36	13.38	12.67
Fertilizer	45.49	47.23	43.55	42.31
Crop chemicals	17.12	16.65	16.79	14.86
Crop insurance	10.99	11.69	10.58	10.90
Fuel & oil	12.47	13.37	10.92	12.81
Repairs	13.21	12.97	12.94	13.35
Custom hire	3.84	5.30	2.75	4.37
Machinery leases	0.34	1.31	-	0.18
Operating interest	5.71	6.55	5.42	3.65
Miscellaneous	0.59	0.65	0.69	0.12
Total direct expenses per acre	122.80	129.10	117.03	115.21
Return over direct exp per acre	108.04	55.69	114.57	152.48
Overhead Expenses				
Custom hire	1.68	2.48	1.28	1.50
Hired labor	5.95	8.44	5.84	5.32
Machinery leases	1.03	1.09	0.92	0.29
RE & pers. property taxes	11.56	8.51	12.18	11.15
Farm insurance	4.52	5.99	4.12	4.14
Utilities	2.55	2.21	2.57	3.29
Dues & professional fees	2.05	1.88	2.34	2.21
Interest	37.00	47.26	41.56	17.76
Mach & bldg depreciation	11.86	12.46	11.29	10.99
Miscellaneous	2.76	3.07	2.67	3.48
Total overhead expenses per acre	80.95	93.40	84.77	60.14
Total dir & ovhd expenses per acre	203.75	222.50	201.80	175.35
Net return per acre	27.09	-37.71	29.80	92.34
Government payments	15.31	15.78	15.44	16.06
Net return with govt pmnts	42.40	-21.93	45.24	108.40
Labor & management charge	17.13	15.42	16.18	21.91
Net return over lbr & mgt	25.27	-37.35	29.06	86.49
Cost of Production				
Total direct expense per bu.	2.39	3.07	2.28	1.97
Total dir & ovhd exp per bu.	3.97	5.30	3.92	3.00
Less govt & other income	3.58	4.75	3.54	2.65
With labor & management	3.91	5.12	3.86	3.02
Machinery cost per acre	47.85	53.76	43.40	44.54
Est. labor hours per acre	1.35	1.46	1.26	1.77