

Crop Enterprise Analysis
Minnesota and North Dakota Farm Business Mgmt. Education
Red River Valley, 2005
(Farms Sorted By Net Return)

Wheat, Spring on Cash Rent

	<u>Avg. Of All Farms</u>	<u>Low 20%</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of fields	261	41	48	57
Number of farms	168	33	33	34
Acres	338.84	315.68	339.21	279.47
Yield per acre (bu.)	41.76	33.75	40.91	49.52
Operators share of yield %	100.00	100.00	100.00	100.00
Value per bu.	3.65	3.53	3.69	3.72
Total product return per acre	152.56	119.19	150.80	184.08
Miscellaneous income per acre	9.98	9.71	7.63	9.43
Gross return per acre	162.53	128.90	158.43	193.51
Direct Expenses				
Seed	12.53	11.94	12.68	11.82
Fertilizer	41.89	44.57	42.51	40.29
Crop chemicals	20.61	17.68	16.98	22.19
Crop insurance	9.33	9.35	9.51	8.29
Fuel & oil	11.12	12.07	11.10	10.47
Repairs	12.90	15.26	12.85	12.55
Custom hire	3.71	3.58	4.09	4.23
Land rent	62.30	66.31	65.59	55.65
Machinery leases	0.19	-	0.55	0.46
Operating interest	3.22	3.91	2.78	2.88
Miscellaneous	0.79	0.69	1.17	0.27
Total direct expenses per acre	178.57	185.37	179.82	169.09
Return over direct exp per acre	-16.04	-56.46	-21.38	24.42
Overhead Expenses				
Custom hire	1.67	1.98	1.22	1.11
Hired labor	5.84	6.16	5.59	4.18
Machinery leases	1.81	4.11	1.41	1.51
Farm insurance	5.02	6.73	3.73	6.59
Utilities	2.06	2.56	2.03	2.50
Dues & professional fees	1.96	2.32	2.11	1.57
Interest	3.45	4.11	2.44	3.70
Mach & bldg depreciation	10.49	11.86	10.72	10.75
Miscellaneous	2.13	3.63	1.93	2.01
Total overhead expenses per acre	34.44	43.47	31.16	33.92
Total dir & ovhd expenses per acre	213.02	228.83	210.97	203.02
Net return per acre	-50.48	-99.93	-52.54	-9.51
Government payments	15.41	15.91	15.03	15.87
Net return with govt pmnts	-35.07	-84.02	-37.51	6.36
Labor & management charge	18.28	17.59	19.20	19.03
Net return over lbr & mgt	-53.36	-101.61	-56.71	-12.66
Cost of Production				
Total direct expense per bu.	4.28	5.49	4.40	3.42
Total dir & ovhd exp per bu.	5.10	6.78	5.16	4.10
Less govt & other income	4.49	6.02	4.60	3.59
With labor & management	4.93	6.54	5.07	3.97
Machinery cost per acre	44.94	52.31	43.89	44.35
Est. labor hours per acre	1.17	1.24	1.21	1.15