

**Crop Enterprise Analysis**  
**Minnesota and North Dakota Farm Business Mgmt. Education**  
**Red River Valley, 2005**  
**(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	158	24	32	44
Number of farms	122	24	25	25
Acres	170.23	206.70	144.41	134.45
Yield per acre (bu.)	41.51	38.15	42.14	47.01
Operators share of yield %	100.00	100.00	100.00	100.00
Value per bu.	3.63	3.41	3.61	3.73
Total product return per acre	150.77	129.96	152.22	175.28
Miscellaneous income per acre	7.86	10.87	1.97	8.43
Gross return per acre	158.63	140.82	154.19	183.71
<b>Direct Expenses</b>				
Seed	12.39	12.87	12.70	12.29
Fertilizer	40.56	44.16	42.35	36.77
Crop chemicals	19.82	25.69	15.87	21.26
Crop insurance	9.01	10.00	7.46	9.42
Fuel & oil	11.12	11.61	10.89	10.68
Repairs	14.26	15.66	13.74	13.21
Custom hire	3.41	4.74	4.00	2.26
Operating interest	3.10	2.95	3.94	2.08
Miscellaneous	0.74	0.92	0.99	0.45
Total direct expenses per acre	114.42	128.60	111.95	108.41
Return over direct exp per acre	44.21	12.23	42.24	75.30
<b>Overhead Expenses</b>				
Custom hire	1.68	1.42	1.30	1.48
Hired labor	6.66	7.68	5.56	4.52
Machinery leases	1.26	1.86	0.76	1.48
RE & pers. property taxes	10.40	12.91	10.92	9.09
Farm insurance	5.20	5.88	5.10	5.91
Utilities	2.30	2.42	2.40	1.97
Dues & professional fees	2.00	2.11	2.13	1.82
Interest	30.43	46.71	34.26	13.86
Mach & bldg depreciation	11.69	13.42	11.60	10.79
Miscellaneous	1.90	1.74	2.41	1.27
Total overhead expenses per acre	73.50	96.14	76.44	52.19
Total dir & ovhd expenses per acre	187.93	224.74	188.39	160.60
Net return per acre	-29.30	-83.91	-34.20	23.11
Government payments	15.81	17.19	15.48	16.26
Net return with govt pmts	-13.49	-66.72	-18.72	39.37
Labor & management charge	16.74	17.07	16.98	17.79
Net return over lbr & mgt	-30.23	-83.78	-35.70	21.58
<b>Cost of Production</b>				
Total direct expense per bu.	2.76	3.37	2.66	2.31
Total dir & ovhd exp per bu.	4.53	5.89	4.47	3.42
Less govt & other income	3.96	5.15	4.06	2.89
With labor & management	4.36	5.60	4.46	3.27
Machinery cost per acre	46.12	52.64	44.53	41.95
Est. labor hours per acre	1.21	1.11	1.16	1.30