

**Crop Enterprise Analysis**  
**Minnesota and North Dakota Farm Business Mgmt. Education**  
**Red River Valley, 2005**  
**(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	47	6	11	9
Number of farms	32	6	7	7
Acres	144.97	273.13	148.05	197.46
Yield per acre (bu.)	37.59	30.68	36.63	42.24
Operators share of yield %	65.67	64.02	63.74	66.40
Value per bu.	3.64	3.56	3.47	3.71
Total product return per acre	89.96	69.91	81.00	104.13
Miscellaneous income per acre	10.07	10.43	13.31	14.17
Gross return per acre	100.04	80.34	94.31	118.30
<b>Direct Expenses</b>				
Seed	11.84	10.04	9.78	11.49
Fertilizer	39.18	50.04	35.30	35.80
Crop chemicals	12.60	10.07	10.73	15.25
Crop insurance	6.45	8.20	6.62	5.81
Fuel & oil	11.42	9.46	12.34	10.79
Repairs	14.56	17.88	14.67	11.32
Custom hire	3.07	4.35	6.46	0.97
Operating interest	2.81	3.25	1.57	2.41
Miscellaneous	0.39	-	1.12	0.33
Total direct expenses per acre	102.31	113.30	98.60	94.19
Return over direct exp per acre	-2.28	-32.96	-4.29	24.11
<b>Overhead Expenses</b>				
Custom hire	1.93	3.87	1.60	0.44
Hired labor	6.39	5.87	9.37	3.20
Machinery leases	2.21	2.53	2.39	0.40
Farm insurance	4.91	3.70	4.55	4.11
Utilities	2.81	3.58	2.45	1.78
Dues & professional fees	2.21	2.62	2.84	1.05
Interest	2.66	1.86	3.22	2.57
Mach & bldg depreciation	11.22	12.53	13.63	6.75
Miscellaneous	2.96	4.27	2.01	1.29
Total overhead expenses per acre	37.29	40.82	42.06	21.60
Total dir & ovhd expenses per acre	139.60	154.12	140.66	115.79
Net return per acre	-39.56	-73.78	-46.35	2.51
Government payments	10.47	8.69	11.49	10.62
Net return with govt pmts	-29.09	-65.09	-34.87	13.13
Labor & management charge	17.75	13.39	18.12	19.45
Net return over lbr & mgt	-46.84	-78.48	-52.99	-6.33
<b>Cost of Production</b>				
Total direct expense per bu.	4.14	5.77	4.22	3.36
Total dir & ovhd exp per bu.	5.65	7.85	6.02	4.13
Less govt & other income	4.82	6.87	4.96	3.24
With labor & management	5.54	7.55	5.74	3.94
Machinery cost per acre	46.90	52.44	54.06	33.30
Est. labor hours per acre	1.25	1.40	1.07	1.26