

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

**Soybeans on Share Rent**

	<u>Avg. Of All Farms</u>	<u>Low 20%</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of fields	53	7	10	12
Number of farms	33	6	6	7
Acres	137.11	155.87	132.85	125.68
Yield per acre (bu.)	40.64	39.17	42.76	40.56
Operators share of yield %	67.08	62.82	68.28	67.02
Value per bu.	5.68	5.63	5.86	5.58
Total product return per acre	154.93	138.51	171.10	151.67
Miscellaneous income per acre	8.40	4.46	1.10	20.36
Gross return per acre	163.33	142.97	172.20	172.03
<b>Direct Expenses</b>				
Seed	35.42	39.04	31.55	33.77
Fertilizer	2.45	8.48	2.76	0.30
Crop chemicals	11.53	11.76	13.86	11.99
Crop insurance	8.97	5.81	11.23	8.25
Fuel & oil	13.52	13.77	15.96	12.01
Repairs	17.06	24.70	19.62	9.99
Custom hire	4.22	9.46	0.88	-
Operating interest	3.67	6.29	4.62	2.70
Miscellaneous	0.24	-	-	0.18
Total direct expenses per acre	97.08	119.31	100.46	79.17
Return over direct exp per acre	66.25	23.66	71.74	92.86
<b>Overhead Expenses</b>				
Custom hire	1.72	0.92	0.77	0.00
Hired labor	8.05	8.89	8.82	6.27
Machinery leases	2.07	2.18	4.38	0.52
Farm insurance	4.46	4.48	4.74	4.17
Utilities	2.75	4.46	2.05	2.22
Dues & professional fees	2.16	3.45	3.00	1.32
Interest	2.76	3.04	3.55	2.40
Mach & bldg depreciation	13.93	18.20	9.91	10.55
Miscellaneous	2.35	3.18	3.92	1.89
Total overhead expenses per acre	40.26	48.81	41.14	29.35
Total dir & ovhd expenses per acre	137.34	168.11	141.61	108.52
Net return per acre	25.99	-25.15	30.60	63.50
Government payments	10.23	8.57	10.77	10.22
Net return with govt pmts	36.22	-16.57	41.37	73.73
Labor & management charge	20.46	26.93	18.72	20.97
Net return over lbr & mgt	15.76	-43.50	22.65	52.76
<b>Cost of Production</b>				
Total direct expense per bu.	3.56	4.85	3.44	2.91
Total dir & ovhd exp per bu.	5.04	6.83	4.85	3.99
Less govt & other income	4.35	6.30	4.44	2.87
With labor & management	5.11	7.40	5.08	3.64
Machinery cost per acre	54.83	71.22	54.84	35.40
Est. labor hours per acre	1.44	1.99	1.32	1.25