

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

**Soybeans on Owned Land**

	<u>Avg. Of All Farms</u>	<u>Low 20%</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of fields	163	33	29	35
Number of farms	123	24	24	25
Acres	181.08	171.99	204.35	201.71
Yield per acre (bu.)	36.70	26.18	38.72	42.51
Operators share of yield %	100.00	100.00	100.00	100.00
Value per bu.	6.05	5.82	5.89	6.28
Total product return per acre	222.23	152.24	228.16	267.01
Miscellaneous income per acre	8.85	16.89	10.33	8.37
Gross return per acre	231.08	169.13	238.48	275.38
<b>Direct Expenses</b>				
Seed	35.31	32.45	34.25	38.28
Fertilizer	4.82	3.66	6.52	5.54
Crop chemicals	16.15	15.25	18.58	15.14
Crop insurance	13.17	11.37	15.38	13.75
Fuel & oil	14.27	14.17	15.32	14.99
Repairs	14.71	17.35	13.43	13.57
Custom hire	2.45	3.43	3.98	1.85
Machinery leases	0.20	0.64	0.03	0.00
Operating interest	5.69	5.28	5.91	5.34
Miscellaneous	0.41	0.88	0.76	0.03
Total direct expenses per acre	107.17	104.48	114.17	108.49
Return over direct exp per acre	123.91	64.65	124.31	166.89
<b>Overhead Expenses</b>				
Custom hire	2.40	4.89	2.76	1.70
Hired labor	6.38	7.35	6.18	4.65
Machinery leases	1.37	1.39	1.32	0.79
RE & pers. property taxes	11.30	10.22	10.86	11.46
Farm insurance	4.54	6.19	3.58	3.76
Utilities	2.57	2.92	2.31	2.47
Dues & professional fees	2.09	1.84	2.39	2.10
Interest	36.46	47.56	38.20	24.70
Mach & bldg depreciation	12.56	11.85	12.35	13.74
Miscellaneous	2.52	2.71	2.92	1.32
Total overhead expenses per acre	82.18	96.93	82.88	66.69
Total dir & ovhd expenses per acre	189.35	201.40	197.05	175.19
Net return per acre	41.74	-32.28	41.43	100.19
Government payments	15.45	14.92	14.91	15.66
Net return with govt pmnts	57.19	-17.36	56.35	115.86
Labor & management charge	18.95	17.25	19.49	21.24
Net return over lbr & mgt	38.24	-34.60	36.86	94.62
<b>Cost of Production</b>				
Total direct expense per bu.	2.92	3.99	2.95	2.55
Total dir & ovhd exp per bu.	5.16	7.69	5.09	4.12
Less govt & other income	4.50	6.48	4.44	3.56
With labor & management	5.01	7.14	4.94	4.06
Machinery cost per acre	51.26	59.00	52.12	48.72
Est. labor hours per acre	1.32	1.41	1.24	1.35