

**Crop Enterprise Analysis**  
**Minnesota and North Dakota Farm Business Mgmt Education**  
**Red River Valley, 2006**  
**(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	48	9	12	10
Number of farms	34	6	7	7
Acres	157.94	144.50	159.68	199.26
Yield per acre (bu.)	40.36	32.56	37.12	46.55
Operators share of yield %	67.90	63.94	67.80	70.33
Value per bu.	6.04	5.65	6.25	6.13
Total product return per acre	165.54	117.59	157.33	200.77
Miscellaneous income per acre	2.02	4.58	1.57	0.76
Gross return per acre	167.56	122.17	158.89	201.53
<b>Direct Expenses</b>				
Seed	36.40	35.46	38.54	37.31
Fertilizer	1.26	0.44	1.22	0.31
Crop chemicals	16.91	17.17	17.30	16.74
Crop insurance	9.74	7.35	10.24	10.20
Fuel & oil	12.71	12.30	9.01	12.85
Repairs	14.82	20.98	11.16	13.63
Custom hire	1.45	1.14	1.64	-
Machinery leases	1.13	-	-	4.23
Operating interest	4.54	5.76	3.48	5.79
Miscellaneous	0.08	-	-	0.05
Total direct expenses per acre	99.05	100.61	92.59	101.11
Return over direct exp per acre	68.51	21.57	66.31	100.42
<b>Overhead Expenses</b>				
Custom hire	1.61	1.61	3.96	0.24
Hired labor	5.59	7.08	5.02	1.30
Machinery leases	0.57	0.33	0.99	0.92
Building leases	0.42	-	1.63	-
Farm insurance	4.45	3.83	6.69	2.50
Utilities	2.54	2.88	2.85	1.57
Dues & professional fees	2.16	2.26	2.94	1.48
Interest	4.40	3.30	5.56	4.74
Mach & bldg depreciation	11.71	15.42	7.70	9.56
Miscellaneous	2.86	3.43	3.74	2.87
Total overhead expenses per acre	36.31	40.15	41.09	25.19
Total dir & ovhd expenses per acre	135.36	140.76	133.68	126.29
Net return per acre	32.20	-18.58	25.21	75.23
Government payments	9.90	9.61	9.76	10.43
Net return with govt pmnts	42.10	-8.97	34.98	85.66
Labor & management charge	17.14	17.06	11.65	18.66
Net return over lbr & mgt	24.97	-26.03	23.33	67.01
<b>Cost of Production</b>				
Total direct expense per bu.	3.61	4.83	3.68	3.09
Total dir & ovhd exp per bu.	4.94	6.76	5.31	3.86
Less govt & other income	4.50	6.08	4.86	3.52
With labor & management	5.13	6.90	5.32	4.09
Machinery cost per acre	48.05	54.59	39.60	46.12
Est. labor hours per acre	1.44	1.64	1.17	1.26