

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

Soybeans on Cash Rent

	<u>Avg. Of All Farms</u>	<u>Low 20%</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of fields	300	69	61	48
Number of farms	176	35	35	36
Acres	339.08	278.66	340.76	388.30
Yield per acre (bu.)	38.33	34.14	38.17	43.67
Operators share of yield %	100.00	100.00	100.00	100.00
Value per bu.	5.96	5.67	5.89	6.25
Total product return per acre	228.41	193.63	224.86	273.10
Miscellaneous income per acre	5.79	5.47	6.67	4.16
Gross return per acre	234.20	199.11	231.53	277.26
Direct Expenses				
Seed	35.16	36.10	36.60	35.21
Fertilizer	3.50	2.83	3.36	3.60
Crop chemicals	16.29	16.90	16.01	15.61
Crop insurance	12.71	11.87	12.53	11.42
Fuel & oil	13.63	15.10	13.37	12.97
Repairs	14.04	16.67	12.81	14.61
Custom hire	2.02	2.93	2.07	1.50
Land rent	66.77	70.91	64.62	68.48
Machinery leases	0.31	0.93	0.20	0.13
Operating interest	5.53	5.64	6.07	5.71
Miscellaneous	0.67	1.84	0.46	0.18
Total direct expenses per acre	170.64	181.72	168.10	169.43
Return over direct exp per acre	63.55	17.39	63.43	107.83
Overhead Expenses				
Custom hire	2.06	2.38	1.99	1.13
Hired labor	6.23	7.20	5.33	5.69
Machinery leases	2.99	7.82	2.31	1.72
Farm insurance	3.88	5.18	3.14	3.80
Utilities	2.36	2.72	2.10	2.75
Dues & professional fees	2.22	1.66	1.86	2.50
Interest	3.86	4.71	4.12	3.74
Mach & bldg depreciation	11.37	11.35	11.46	11.66
Miscellaneous	2.45	2.01	2.22	1.91
Total overhead expenses per acre	37.44	45.04	34.55	34.88
Total dir & ovhd expenses per acre	208.08	226.75	202.64	204.31
Net return per acre	26.11	-27.65	28.88	72.94
Government payments	15.25	15.85	14.02	15.61
Net return with govt pmnts	41.36	-11.80	42.90	88.55
Labor & management charge	17.94	16.79	18.29	17.57
Net return over lbr & mgt	23.42	-28.59	24.61	70.99
Cost of Production				
Total direct expense per bu.	4.45	5.32	4.40	3.88
Total dir & ovhd exp per bu.	5.43	6.64	5.31	4.68
Less govt & other income	4.88	6.02	4.77	4.23
With labor & management	5.35	6.51	5.25	4.63
Machinery cost per acre	49.75	61.62	47.96	46.82
Est. labor hours per acre	1.21	1.20	1.16	1.09