

Crop Enterprise Analysis
Minnesota and North Dakota Farm Business Mgmt. Education
Red River Valley, 2005
(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	130	23	22	29
Number of farms	110	22	22	22
Acres	153.81	124.83	170.09	122.35
Yield per acre (bu.)	39.58	30.74	39.60	43.56
Operators share of yield %	100.00	100.00	100.00	100.00
Value per bu.	5.63	5.61	5.57	5.67
Total product return per acre	222.99	172.47	220.58	247.12
Miscellaneous income per acre	7.85	11.43	1.90	19.59
Gross return per acre	230.84	183.90	222.48	266.70
Direct Expenses				
Seed	35.75	36.62	35.75	35.43
Fertilizer	4.90	6.89	4.61	0.92
Crop chemicals	14.68	16.04	13.81	11.44
Crop insurance	12.37	13.79	11.38	10.42
Fuel & oil	13.05	13.28	12.53	11.95
Repairs	14.85	15.83	15.44	11.61
Custom hire	2.31	3.97	1.58	0.47
Operating interest	3.63	4.35	3.71	1.86
Miscellaneous	0.31	0.24	0.26	0.05
Total direct expenses per acre	101.85	111.00	99.07	84.15
Return over direct exp per acre	128.99	72.89	123.40	182.55
Overhead Expenses				
Custom hire	1.91	1.95	2.14	1.67
Hired labor	6.83	9.62	6.22	6.60
Machinery leases	1.44	1.65	1.65	1.40
RE & pers. property taxes	10.48	10.88	10.27	12.20
Farm insurance	4.90	5.82	4.69	5.60
Utilities	2.46	2.97	2.41	2.31
Dues & professional fees	2.03	2.47	1.80	1.93
Interest	29.30	41.32	29.70	21.32
Mach & bldg depreciation	13.07	12.06	11.57	12.22
Miscellaneous	1.80	1.86	1.58	2.58
Total overhead expenses per acre	74.23	90.62	72.01	67.85
Total dir & ovhd expenses per acre	176.08	201.62	171.09	152.00
Net return per acre	54.76	-17.73	51.39	114.71
Government payments	15.52	15.55	15.22	14.60
Net return with govt pmts	70.28	-2.18	66.61	129.31
Labor & management charge	20.95	17.01	16.87	20.41
Net return over lbr & mgt	49.33	-19.19	49.74	108.90
Cost of Production				
Total direct expense per bu.	2.57	3.61	2.50	1.93
Total dir & ovhd exp per bu.	4.45	6.56	4.32	3.49
Less govt & other income	3.86	5.68	3.89	2.70
With labor & management	4.39	6.23	4.31	3.17
Machinery cost per acre	49.29	51.78	46.85	42.43
Est. labor hours per acre	1.26	1.30	1.21	1.32