

Crop Enterprise Analysis
North Dakota Farm Business Management Education Program
State Report, 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	55	10	11	12
Number of farms	40	8	8	8
Acres	181.91	281.20	167.70	165.77
Yield per acre (bu.)	30.10	17.92	28.75	44.62
Operators share of yield %	67.15	66.36	67.99	68.30
Value per bu.	5.92	5.44	5.90	6.07
Total product return per acre	119.62	64.73	115.28	184.94
Miscellaneous income per acre	4.65	6.94	4.42	2.00
Gross return per acre	124.27	71.68	119.71	186.95
Direct Expenses				
Seed	32.46	39.56	23.50	33.22
Fertilizer	4.14	7.38	6.23	-
Crop chemicals	12.83	7.80	11.70	18.23
Crop insurance	8.01	6.15	6.70	11.69
Fuel & oil	11.67	9.63	11.63	14.61
Repairs	13.45	11.37	14.49	13.43
Custom hire	3.50	2.28	9.63	0.74
Machinery leases	0.87	-	0.12	4.24
Operating interest	3.19	3.04	3.79	2.41
Miscellaneous	0.03	-	0.19	-
Total direct expenses per acre	90.15	87.21	87.98	98.58
Return over direct exp per acre	34.12	-15.53	31.73	88.37
Overhead Expenses				
Custom hire	1.00	-	0.65	0.12
Hired labor	6.07	5.26	3.83	10.09
Machinery leases	0.68	1.16	0.47	0.19
Farm insurance	3.46	1.75	2.14	4.06
Utilities	2.07	1.18	1.48	2.51
Dues & professional fees	1.46	0.34	0.96	2.10
Interest	4.36	4.06	3.99	5.01
Mach & bldg depreciation	13.29	14.72	10.91	14.79
Miscellaneous	3.51	4.12	1.77	2.06
Total overhead expenses per acre	35.89	32.59	26.20	40.93
Total dir & ovhd expenses per acre	126.04	119.80	114.18	139.51
Net return per acre	-1.77	-48.12	5.52	47.44
Government payments	9.12	7.52	10.61	9.83
Net return with govt pmts	7.35	-40.60	16.14	57.27
Labor & management charge	15.11	11.38	15.96	17.96
Net return over lbr & mgt	-7.76	-51.97	0.17	39.31
Cost of Production				
Total direct expense per bu.	4.46	7.33	4.50	3.23
Total dir & ovhd exp per bu.	6.24	10.07	5.84	4.58
Less govt & other income	5.55	8.86	5.07	4.19
With labor & management	6.30	9.81	5.89	4.78
Machinery cost per acre	48.41	42.83	51.54	52.93
Est. labor hours per acre	1.35	1.02	1.31	1.78