

Crop Enterprise Analysis
North Dakota Farm Business Management Education Program
State Report, 2006
(Farms Sorted By Net Return)

Wheat, Spring on Share Rent

	<u>Avg. Of All Farms</u>	<u>Low 20%</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of fields	157	21	31	29
Number of farms	77	15	16	16
Acres	134.39	193.38	147.80	117.84
Yield per acre (bu.)	35.10	18.84	37.84	48.94
Operators share of yield %	66.57	68.61	62.66	68.81
Value per bu.	4.31	4.05	4.34	4.47
Total product return per acre	100.74	52.28	103.01	150.35
Miscellaneous income per acre	5.62	7.44	3.01	-
Gross return per acre	106.37	59.71	106.02	150.35
Direct Expenses				
Seed	8.38	7.45	7.31	9.82
Fertilizer	27.42	29.68	22.27	29.10
Crop chemicals	13.77	16.21	8.63	13.54
Crop insurance	5.94	5.50	6.36	5.16
Fuel & oil	10.62	11.37	10.71	10.40
Repairs	10.67	8.33	9.96	9.31
Custom hire	2.11	1.47	1.74	3.20
Machinery leases	0.28	0.07	1.22	-
Operating interest	3.57	2.88	3.81	1.89
Miscellaneous	0.66	0.10	1.60	0.16
Total direct expenses per acre	83.41	83.07	73.59	82.58
Return over direct exp per acre	22.95	-23.35	32.43	67.77
Overhead Expenses				
Custom hire	0.23	-	-	1.12
Hired labor	3.32	3.43	3.98	2.59
Machinery leases	0.92	0.67	0.93	0.37
Building leases	0.24	0.15	0.25	0.63
Farm insurance	2.38	1.84	2.59	2.77
Utilities	1.48	1.02	1.43	1.91
Dues & professional fees	0.82	0.22	0.69	0.85
Interest	2.89	3.43	3.08	2.27
Mach & bldg depreciation	9.72	9.56	11.50	8.49
Miscellaneous	1.65	1.91	2.19	1.22
Total overhead expenses per acre	23.65	22.23	26.64	22.22
Total dir & ovhd expenses per acre	107.06	105.29	100.23	104.79
Net return per acre	-0.70	-45.58	5.79	45.56
Government payments	7.87	8.48	6.77	8.36
Net return with govt pmts	7.17	-37.10	12.56	53.92
Labor & management charge	13.54	12.01	11.71	15.35
Net return over lbr & mgt	-6.37	-49.12	0.85	38.57
Cost of Production				
Total direct expense per bu.	3.57	6.43	3.10	2.45
Total dir & ovhd exp per bu.	4.58	8.15	4.23	3.11
Less govt & other income	4.01	6.92	3.81	2.86
With labor & management	4.58	7.85	4.31	3.32
Machinery cost per acre	36.92	34.36	38.36	34.85
Est. labor hours per acre	1.13	1.24	1.03	1.13