

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

Wheat, Spring on Owned Land

	<u>Avg. Of</u> <u>All Farms</u>	<u>Low 20%</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of fields	321	62	73	62
Number of farms	181	36	36	37
Acres	140.75	155.36	145.96	120.65
Yield per acre (bu.)	33.38	15.55	34.88	49.58
Operators share of yield %	100.00	100.00	100.00	100.00
Value per bu.	4.35	4.32	4.30	4.51
Other product return per acre	0.73	0.55	1.97	-
Total product return per acre	145.91	67.71	151.97	223.59
Miscellaneous income per acre	10.97	27.01	5.31	1.45
Gross return per acre	156.87	94.72	157.28	225.04
Direct Expenses				
Seed	9.49	9.10	9.34	10.08
Fertilizer	29.82	31.68	28.61	31.22
Crop chemicals	16.17	16.42	15.06	14.73
Crop insurance	8.79	6.86	8.22	9.75
Drying fuel	0.17	0.50	-	0.05
Fuel & oil	10.77	8.88	11.30	11.00
Repairs	10.94	9.57	11.08	12.42
Custom hire	3.43	2.60	6.69	2.10
Operating interest	3.84	5.81	3.39	2.33
Miscellaneous	0.44	0.21	0.31	0.06
Total direct expenses per acre	93.87	91.63	93.98	93.75
Return over direct exp per acre	63.01	3.09	63.30	131.29
Overhead Expenses				
Hired labor	3.33	3.29	3.83	3.76
Machinery leases	0.91	0.75	0.85	0.72
RE & pers. property taxes	5.55	3.89	5.70	6.41
Farm insurance	2.72	2.16	2.92	3.21
Utilities	1.74	1.46	1.96	1.92
Dues & professional fees	0.66	0.09	0.50	0.85
Interest	16.29	16.03	17.26	9.62
Mach & bldg depreciation	10.28	8.68	10.52	11.93
Miscellaneous	2.53	2.35	3.09	2.97
Total overhead expenses per acre	44.01	38.70	46.63	41.38
Total dir & ovhd expenses per acre	137.88	130.34	140.61	135.13
Net return per acre	19.00	-35.62	16.67	89.91
Government payments	10.53	8.78	10.30	11.85
Net return with govt pmts	29.52	-26.84	26.97	101.75
Labor & management charge	14.32	12.73	13.81	16.10
Net return over lbr & mgt	15.21	-39.56	13.15	85.65
Cost of Production				
Total direct expense per bu.	2.81	5.89	2.69	1.89
Total dir & ovhd exp per bu.	4.13	8.38	4.03	2.73
Less govt & other income	3.46	6.04	3.53	2.46
With labor & management	3.89	6.86	3.92	2.78
Machinery cost per acre	39.07	34.15	43.24	39.46
Est. labor hours per acre	1.20	1.30	1.20	1.21