

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

**Wheat, Spring on Cash Rent**

	<u>Avg. Of All Farms</u>	<u>Low 20%</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of fields	602	110	146	100
Number of farms	222	44	45	45
Acres	173.04	160.47	152.83	210.56
Yield per acre (bu.)	33.96	18.43	33.90	50.50
Operators share of yield %	100.00	100.00	100.00	100.00
Value per bu.	4.35	4.21	4.25	4.45
Other product return per acre	0.51	1.35	0.20	-
Total product return per acre	148.15	78.94	144.20	224.61
Miscellaneous income per acre	10.69	19.70	7.49	0.97
Gross return per acre	158.84	98.64	151.70	225.58
<b>Direct Expenses</b>				
Seed	10.08	9.86	9.34	10.72
Fertilizer	30.28	26.78	28.65	32.25
Crop chemicals	16.24	17.79	14.39	14.20
Crop insurance	8.28	7.10	8.13	9.08
Fuel & oil	10.53	11.08	10.22	11.28
Repairs	10.13	10.21	9.95	10.13
Custom hire	2.53	3.47	2.49	3.26
Land rent	36.36	30.78	38.44	42.39
Operating interest	4.14	5.42	4.22	2.63
Miscellaneous	0.45	0.53	0.63	0.54
Total direct expenses per acre	129.01	123.01	126.45	136.47
Return over direct exp per acre	29.83	-24.36	25.24	89.11
<b>Overhead Expenses</b>				
Custom hire	0.35	0.02	0.29	0.92
Hired labor	3.38	3.55	3.34	4.29
Machinery leases	1.40	1.59	1.41	1.42
Farm insurance	2.22	2.05	2.39	2.43
Utilities	1.55	1.75	1.55	1.54
Dues & professional fees	0.70	0.28	0.60	1.10
Interest	3.43	4.14	3.60	2.42
Mach & bldg depreciation	9.66	8.09	8.74	12.15
Miscellaneous	2.35	2.46	2.38	2.63
Total overhead expenses per acre	25.04	23.93	24.29	28.91
Total dir & ovhd expenses per acre	154.05	146.94	150.75	165.37
Net return per acre	4.79	-48.29	0.95	60.21
Government payments	11.53	9.53	12.19	11.80
Net return with govt pmts	16.32	-38.76	13.14	72.00
Labor & management charge	14.19	14.97	13.38	15.70
Net return over lbr & mgt	2.13	-53.73	-0.24	56.30
<b>Cost of Production</b>				
Total direct expense per bu.	3.80	6.67	3.73	2.70
Total dir & ovhd exp per bu.	4.54	7.97	4.45	3.27
Less govt & other income	3.87	6.31	3.86	3.02
With labor & management	4.28	7.13	4.25	3.33
Machinery cost per acre	37.60	38.41	36.55	40.95
Est. labor hours per acre	1.11	1.40	1.09	1.05