

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

**Barley on Cash Rent**

	<u>Avg. Of</u> <u>All Farms</u>	<u>Low 20%</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of fields	143	27	28	24
Number of farms	78	15	15	16
Acres	145.47	103.30	122.58	198.16
Yield per acre (bu.)	56.99	30.82	52.10	81.11
Operators share of yield %	100.00	100.00	100.00	100.00
Value per bu.	2.74	2.50	2.81	2.83
Other product return per acre	0.67	2.16	-	-
Total product return per acre	156.80	79.11	146.34	229.67
Miscellaneous income per acre	11.32	13.83	13.76	5.67
Gross return per acre	168.11	92.93	160.10	235.33
<b>Direct Expenses</b>				
Seed	8.18	6.81	8.56	9.19
Fertilizer	25.94	23.49	26.55	28.77
Crop chemicals	14.30	16.16	15.13	12.72
Crop insurance	8.06	6.55	9.29	8.33
Fuel & oil	11.23	9.12	11.65	10.43
Repairs	10.32	9.55	10.22	10.33
Custom hire	2.53	0.53	5.61	2.71
Land rent	31.69	27.76	32.16	32.67
Operating interest	3.48	4.49	3.45	3.17
Miscellaneous	0.41	0.16	0.05	0.76
Total direct expenses per acre	116.14	104.64	122.68	119.08
Return over direct exp per acre	51.97	-11.70	37.42	116.25
<b>Overhead Expenses</b>				
Hired labor	3.47	1.59	3.63	3.75
Machinery leases	1.15	2.00	0.65	1.10
Farm insurance	2.01	3.00	1.75	2.43
Utilities	1.55	1.04	1.05	1.76
Dues & professional fees	0.54	0.46	0.51	0.58
Interest	2.60	4.28	3.77	1.91
Mach & bldg depreciation	11.20	8.96	7.90	14.56
Miscellaneous	2.44	1.08	1.60	2.69
Total overhead expenses per acre	24.94	22.41	20.86	28.77
Total dir & ovhd expenses per acre	141.08	127.05	143.54	147.85
Net return per acre	27.03	-34.12	16.56	87.48
Government payments	11.18	10.16	10.72	12.56
Net return with govt pmts	38.21	-23.95	27.29	100.04
Labor & management charge	15.16	14.11	13.97	15.32
Net return over lbr & mgt	23.05	-38.06	13.31	84.72
<b>Cost of Production</b>				
Total direct expense per bu.	2.04	3.39	2.35	1.47
Total dir & ovhd exp per bu.	2.48	4.12	2.75	1.82
Less govt & other income	2.07	3.27	2.29	1.60
With labor & management	2.34	3.73	2.55	1.79
Machinery cost per acre	38.31	34.35	39.13	39.81
Est. labor hours per acre	1.15	1.23	1.10	1.04