

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

**Barley 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	84	15	16	17
Number of farms	69	13	14	14
Acres	150.34	152.71	178.21	165.36
Yield per acre (bu.)	53.56	27.97	52.19	75.21
Operators share of yield %	100.00	100.00	100.00	100.00
Value per bu.	2.70	2.41	2.62	2.79
Other product return per acre	1.12	3.39	0.06	-
Total product return per acre	145.71	70.93	136.86	209.74
Miscellaneous income per acre	11.50	26.59	21.28	0.90
Gross return per acre	157.21	97.52	158.14	210.64
<b>Direct Expenses</b>				
Seed	8.28	9.52	8.05	8.68
Fertilizer	25.15	25.80	21.65	26.08
Crop chemicals	15.25	14.39	13.73	15.45
Crop insurance	8.20	10.37	7.80	7.10
Fuel & oil	11.60	10.06	14.12	11.34
Repairs	11.07	11.79	13.04	9.26
Custom hire	2.94	6.32	2.20	0.95
Machinery leases	0.32	1.75	-	-
Operating interest	3.62	3.92	3.83	2.17
Miscellaneous	0.48	-	0.03	1.20
Total direct expenses per acre	86.90	93.92	84.45	82.24
Return over direct exp per acre	70.31	3.60	73.69	128.40
<b>Overhead Expenses</b>				
Hired labor	4.20	6.69	5.57	3.17
Machinery leases	1.18	2.08	0.98	0.36
RE & pers. property taxes	5.03	4.79	5.76	4.96
Farm insurance	2.42	3.08	2.68	2.29
Utilities	1.87	3.02	1.92	1.18
Dues & professional fees	0.59	0.24	0.30	0.67
Interest	14.87	17.31	15.38	9.87
Mach & bldg depreciation	11.43	10.38	12.99	14.30
Miscellaneous	3.07	5.33	2.03	3.39
Total overhead expenses per acre	44.68	52.91	47.60	40.18
Total dir & ovhd expenses per acre	131.58	146.83	132.05	122.42
Net return per acre	25.63	-49.31	26.09	88.22
Government payments	11.31	10.57	12.75	10.57
Net return with govt pmts	36.94	-38.74	38.84	98.79
Labor & management charge	15.19	15.31	15.74	13.57
Net return over lbr & mgt	21.75	-54.06	23.10	85.22
<b>Cost of Production</b>				
Total direct expense per bu.	1.62	3.36	1.62	1.09
Total dir & ovhd exp per bu.	2.46	5.25	2.53	1.63
Less govt & other income	2.01	3.80	1.88	1.48
With labor & management	2.29	4.35	2.18	1.66
Machinery cost per acre	40.51	45.08	45.03	38.21
Est. labor hours per acre	1.29	1.68	1.27	1.01