

Crop Enterprise Analysis
North Dakota Farm Business Management Education Program
State Report, 2005
(Farms Sorted By Net Return)

Barley on Owned Land

	<u>Avg. Of All Farms</u>	<u>Low 20%</u>	<u>High 20%</u>
Number of fields	86	17	20
Number of farms	68	13	14
Acres	117.21	109.87	124.84
Yield per acre (bu.)	57.29	48.52	66.05
Operators share of yield %	100.00	100.00	100.00
Value per bu.	2.12	1.69	2.42
Other product return per acre	1.16	0.11	2.48
Total product return per acre	122.65	82.13	162.44
Miscellaneous income per acre	8.26	2.52	21.77
Gross return per acre	130.91	84.65	184.21
Direct Expenses			
Seed	7.30	6.46	8.20
Fertilizer	22.58	19.16	25.53
Crop chemicals	16.19	12.92	19.77
Crop insurance	7.92	9.85	8.05
Fuel & oil	10.48	12.87	10.83
Repairs	11.18	13.49	8.38
Custom hire	3.24	3.06	1.76
Operating interest	2.14	3.64	1.29
Miscellaneous	0.15	0.07	0.23
Total direct expenses per acre	81.18	81.52	84.03
Return over direct exp per acre	49.73	3.14	100.18
Overhead Expenses			
Hired labor	3.58	2.53	4.11
Machinery leases	0.59	0.87	0.38
RE & pers. property taxes	4.20	4.75	4.04
Farm insurance	2.27	2.59	2.37
Utilities	1.52	1.88	1.16
Dues & professional fees	0.59	0.37	0.74
Interest	10.55	11.52	4.19
Mach & bldg depreciation	9.76	9.77	15.14
Miscellaneous	2.82	2.23	4.04
Total overhead expenses per acre	35.87	36.51	36.17
Total dir & ovhd expenses per acre	117.05	118.03	120.20
Net return per acre	13.86	-33.37	64.01
Government payments	10.28	9.74	10.33
Net return with govt pmts	24.14	-23.63	74.35
Labor & management charge	14.13	15.14	13.77
Net return over lbr & mgt	10.00	-38.77	60.57
Cost of Production			
Total direct expense per bu.	1.42	1.68	1.27
Total dir & ovhd exp per bu.	2.04	2.43	1.82
Less govt & other income	1.70	2.18	1.30
With labor & management	1.95	2.49	1.50
Machinery cost per acre	36.14	41.19	36.10
Est. labor hours per acre	1.23	1.16	1.04