

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

**Peas, Field on Cash Rent**

	<u>Avg. Of All Farms</u>	<u>Low 20%</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of fields	66	14	8	21
Number of farms	43	8	8	9
Acres	137.93	227.79	138.43	119.60
Yield per acre (bu.)	27.49	18.60	30.87	40.73
Operators share of yield %	100.00	100.00	100.00	100.00
Value per bu.	4.92	4.35	4.48	5.40
Other product return per acre	0.47	-	-	-
Total product return per acre	135.70	80.89	138.27	219.97
Miscellaneous income per acre	7.81	12.07	3.61	-
Gross return per acre	143.52	92.96	141.88	219.97
<b>Direct Expenses</b>				
Seed	17.73	14.55	20.09	20.19
Fertilizer	5.04	8.57	3.46	2.70
Crop chemicals	25.02	25.17	27.44	25.25
Crop insurance	7.69	8.22	6.95	8.82
Drying fuel	0.19	-	-	0.69
Fuel & oil	10.64	10.54	10.38	11.80
Repairs	12.10	11.43	11.04	13.07
Custom hire	4.68	3.69	4.41	2.68
Land rent	32.41	34.13	29.98	31.79
Machinery leases	0.68	1.57	-	0.37
Operating interest	5.46	6.54	4.09	5.91
Miscellaneous	0.63	1.00	-	0.38
Total direct expenses per acre	122.26	125.41	117.83	123.66
Return over direct exp per acre	21.26	-32.45	24.04	96.31
<b>Overhead Expenses</b>				
Hired labor	4.27	5.16	5.28	5.89
Machinery leases	1.96	1.86	1.23	2.78
Building leases	0.20	0.08	0.14	0.57
Farm insurance	1.80	2.03	1.70	1.99
Utilities	1.29	1.53	1.41	0.84
Dues & professional fees	0.62	0.51	0.32	1.05
Interest	2.79	2.20	4.59	2.24
Mach & bldg depreciation	9.67	10.21	15.52	9.68
Miscellaneous	1.84	2.33	2.87	1.26
Total overhead expenses per acre	24.44	25.91	33.06	26.31
Total dir & ovhd expenses per acre	146.71	151.32	150.90	149.97
Net return per acre	-3.19	-58.36	-9.02	70.00
Government payments	11.54	11.46	12.67	10.65
Net return with govt pmts	8.35	-46.90	3.65	80.66
Labor & management charge	14.95	13.21	15.34	16.40
Net return over lbr & mgt	-6.60	-60.11	-11.69	64.25
<b>Cost of Production</b>				
Total direct expense per bu.	4.45	6.74	3.82	3.04
Total dir & ovhd exp per bu.	5.34	8.14	4.89	3.68
Less govt & other income	4.62	6.87	4.36	3.42
With labor & management	5.16	7.58	4.86	3.82
Machinery cost per acre	41.93	40.73	46.48	41.92
Est. labor hours per acre	1.22	1.09	1.35	1.25