

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

Peas, Field on Owned Land

	<u>Avg. Of All Farms</u>	<u>Low 20%</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of fields	39	7	6	9
Number of farms	31	6	6	7
Acres	95.85	131.57	83.18	60.82
Yield per acre (bu.)	27.88	14.35	33.83	42.21
Operators share of yield %	100.00	100.00	100.00	100.00
Value per bu.	5.19	6.00	4.11	5.99
Other product return per acre	0.30	-	2.25	-
Total product return per acre	145.01	86.04	141.16	252.64
Miscellaneous income per acre	5.24	13.49	9.90	-
Gross return per acre	150.25	99.52	151.06	252.64
Direct Expenses				
Seed	17.17	12.27	18.60	31.26
Fertilizer	6.38	18.33	6.16	0.35
Crop chemicals	24.71	21.25	26.42	29.17
Crop insurance	7.05	9.06	7.89	6.23
Fuel & oil	11.53	10.65	11.44	12.39
Repairs	12.73	16.59	10.25	14.06
Custom hire	1.59	1.66	2.88	0.25
Operating interest	4.03	6.27	3.80	2.18
Miscellaneous	0.30	0.56	0.51	0.65
Total direct expenses per acre	85.49	96.63	87.95	96.55
Return over direct exp per acre	64.76	2.89	63.11	156.10
Overhead Expenses				
Hired labor	4.80	5.81	3.59	9.86
Machinery leases	1.38	2.60	2.94	1.01
RE & pers. property taxes	5.15	4.66	5.11	3.82
Farm insurance	2.35	1.41	2.64	3.73
Utilities	1.63	1.17	1.83	1.42
Dues & professional fees	0.70	0.34	0.12	1.29
Interest	15.58	17.03	16.36	9.72
Mach & bldg depreciation	12.29	6.90	15.96	10.43
Miscellaneous	1.73	1.92	3.12	1.99
Total overhead expenses per acre	45.62	41.84	51.66	43.27
Total dir & ovhd expenses per acre	131.11	138.47	139.61	139.81
Net return per acre	19.14	-38.95	11.45	112.83
Government payments	11.59	10.99	11.74	10.22
Net return with govt pmts	30.74	-27.96	23.19	123.05
Labor & management charge	16.59	12.08	15.01	17.33
Net return over lbr & mgt	14.14	-40.04	8.18	105.72
Cost of Production				
Total direct expense per bu.	3.07	6.74	2.60	2.29
Total dir & ovhd exp per bu.	4.70	9.65	4.13	3.31
Less govt & other income	4.09	7.95	3.42	3.07
With labor & management	4.68	8.79	3.86	3.48
Machinery cost per acre	41.72	40.67	47.08	39.38
Est. labor hours per acre	1.43	1.23	1.42	1.72