

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

**Canola on Cash Rent**

	<u>Avg. Of All Farms</u>	<u>Low 20%</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of fields	96	16	19	18
Number of farms	54	10	11	11
Acres	130.19	144.85	111.17	160.04
Yield per acre (cwt.)	12.72	10.25	12.98	15.73
Operators share of yield %	100.00	100.00	100.00	100.00
Value per cwt.	11.93	11.01	11.79	12.83
Total product return per acre	151.75	112.89	153.03	201.75
Miscellaneous income per acre	10.79	11.43	4.48	4.64
Gross return per acre	162.54	124.32	157.51	206.39
<b>Direct Expenses</b>				
Seed	28.28	27.59	25.79	28.69
Fertilizer	33.72	36.52	34.95	35.60
Crop chemicals	18.22	18.45	20.76	17.60
Crop insurance	8.07	8.40	7.85	9.33
Fuel & oil	11.67	11.58	10.26	11.59
Repairs	10.62	14.62	9.77	10.52
Custom hire	3.13	3.38	0.92	0.96
Land rent	32.85	31.99	35.71	35.05
Operating interest	4.11	5.99	3.77	4.85
Miscellaneous	0.09	-	0.17	0.01
Total direct expenses per acre	150.77	158.53	149.95	154.20
Return over direct exp per acre	11.77	-34.21	7.56	52.19
<b>Overhead Expenses</b>				
Hired labor	2.72	3.62	3.26	2.22
Machinery leases	1.91	3.35	0.66	2.88
Farm insurance	1.83	2.23	1.39	1.94
Utilities	1.39	1.99	1.12	1.06
Interest	2.75	3.48	3.47	2.42
Mach & bldg depreciation	10.43	11.05	9.49	10.44
Miscellaneous	2.13	3.73	1.44	1.40
Total overhead expenses per acre	23.16	29.46	20.83	22.35
Total dir & ovhd expenses per acre	173.93	187.99	170.77	176.56
Net return per acre	-11.39	-63.67	-13.27	29.83
Government payments	11.16	10.48	12.16	11.58
Net return with govt pmts	-0.24	-53.19	-1.11	41.41
Labor & management charge	14.87	14.80	12.63	16.77
Net return over lbr & mgt	-15.11	-67.99	-13.74	24.65
<b>Cost of Production</b>				
Total direct expense per cwt.	11.85	15.47	11.56	9.80
Total dir & ovhd exp per cwt.	13.67	18.34	13.16	11.22
Less govt & other income	11.95	16.20	11.88	10.19
With labor & management	13.12	17.65	12.85	11.26
Machinery cost per acre	39.97	46.76	33.95	38.22
Est. labor hours per acre	1.04	0.92	1.13	0.99