

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

Sunflowers on Cash Rent

	<u>Avg. Of All Farms</u>	<u>Low 20%</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of fields	145	31	38	26
Number of farms	75	15	15	15
Acres	142.52	122.93	139.29	145.78
Yield per acre (cwt.)	13.01	9.10	12.10	20.18
Operators share of yield %	100.00	100.00	100.00	100.00
Value per cwt.	13.49	12.00	13.25	14.53
Other product return per acre	0.03	-	-	-
Total product return per acre	175.48	109.18	160.33	293.26
Miscellaneous income per acre	17.38	25.68	17.49	3.97
Gross return per acre	192.86	134.86	177.82	297.24
Direct Expenses				
Seed	22.88	26.28	22.41	20.18
Fertilizer	23.00	26.46	23.52	18.80
Crop chemicals	21.20	22.37	20.24	18.43
Crop insurance	8.39	9.98	7.50	11.10
Drying fuel	0.28	0.83	-	0.59
Fuel & oil	11.81	11.20	10.33	13.27
Repairs	11.03	14.35	8.14	11.95
Custom hire	3.19	4.61	1.63	6.36
Land rent	33.19	29.71	37.20	34.12
Operating interest	4.39	4.56	4.76	3.00
Miscellaneous	0.14	0.14	0.21	-
Total direct expenses per acre	139.49	150.48	135.94	137.81
Return over direct exp per acre	53.36	-15.62	41.88	159.43
Overhead Expenses				
Hired labor	3.86	4.22	2.86	6.50
Machinery leases	1.09	0.90	1.51	1.91
Farm insurance	1.90	2.08	1.97	2.71
Utilities	1.33	1.31	1.15	1.27
Dues & professional fees	0.38	0.45	0.51	0.39
Interest	2.95	2.59	3.36	1.79
Mach & bldg depreciation	10.73	12.61	9.84	11.47
Miscellaneous	2.52	2.78	2.46	3.22
Total overhead expenses per acre	24.76	26.94	23.66	29.26
Total dir & ovhd expenses per acre	164.25	177.43	159.61	167.07
Net return per acre	28.61	-42.56	18.21	130.17
Government payments	11.30	10.55	13.36	10.49
Net return with govt pmts	39.91	-32.01	31.57	140.66
Labor & management charge	15.82	14.74	17.12	18.11
Net return over lbr & mgt	24.09	-46.75	14.45	122.55
Cost of Production				
Total direct expense per cwt.	10.72	16.54	11.23	6.83
Total dir & ovhd exp per cwt.	12.62	19.50	13.19	8.28
Less govt & other income	10.42	15.52	10.64	7.56
With labor & management	11.63	17.14	12.05	8.46
Machinery cost per acre	40.17	45.35	34.34	46.55
Est. labor hours per acre	1.28	1.40	1.28	1.21