

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

**Sugar Beets on Cash Rent**

	<u>Avg. Of All Farms</u>	<u>Low 20%</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of fields	50	10	9	7
Number of farms	25	5	5	5
Acres	141.57	245.13	158.46	93.19
Yield per acre (ton)	26.19	25.13	25.75	28.65
Operators share of yield %	100.00	100.00	100.00	100.00
Value per ton	40.16	40.15	40.52	39.96
Total product return per acre	1,051.96	1,008.85	1,043.55	1,144.99
Miscellaneous income per acre	22.46	28.41	16.60	31.70
Gross return per acre	1,074.42	1,037.25	1,060.14	1,176.69
<b>Direct Expenses</b>				
Seed	57.95	60.80	58.94	51.43
Fertilizer	55.67	57.01	56.10	51.61
Crop chemicals	104.57	95.60	107.19	97.94
Crop insurance	24.07	27.98	21.71	18.09
Fuel & oil	55.19	54.24	57.25	65.80
Repairs	56.09	44.62	62.26	82.86
Custom hire	20.50	7.52	13.29	27.83
Hired labor	36.43	29.07	36.30	35.79
Land rent	86.17	83.78	78.16	93.46
Stock/quota lease	134.04	181.82	113.91	34.20
Machinery leases	0.68	-	3.37	-
Operating interest	14.50	13.17	24.73	10.09
Miscellaneous	0.91	0.89	0.65	5.14
Total direct expenses per acre	646.79	656.51	633.86	574.23
Return over direct exp per acre	427.62	380.75	426.29	602.46
<b>Overhead Expenses</b>				
Custom hire	14.22	23.12	7.08	9.23
Hired labor	38.04	58.59	26.27	12.26
Machinery leases	13.42	28.47	3.03	0.69
Building leases	2.02	-	0.25	-
Farm insurance	6.33	7.59	4.75	5.47
Utilities	3.40	4.12	2.32	3.50
Dues & professional fees	1.68	1.27	1.16	1.98
Interest	9.99	14.29	11.67	8.82
Mach & bldg depreciation	50.91	43.12	47.55	76.60
Miscellaneous	9.17	20.27	4.18	2.36
Total overhead expenses per acre	149.19	200.82	108.25	120.91
Total dir & ovhd expenses per acre	795.99	857.32	742.10	695.14
Net return per acre	278.43	179.93	318.04	481.55
Government payments	13.27	12.32	14.51	15.57
Net return with govt pmts	291.70	192.25	332.55	497.12
Labor & management charge	69.13	70.45	72.88	92.36
Net return over lbr & mgt	222.58	121.80	259.67	404.76
<b>Cost of Production</b>				
Total direct expense per ton	24.69	26.13	24.61	20.04
Total dir & ovhd exp per ton	30.39	34.12	28.81	24.26
Less govt & other income	29.03	32.50	27.61	22.61
With labor & management	31.66	35.30	30.44	25.83
Machinery cost per acre	219.56	215.26	204.08	265.81
Est. labor hours per acre	4.58	4.06	4.08	5.86