

**Crop Enterprise Analysis**  
**Minnesota and North Dakota Farm Business Mgmt Education**  
**Red River Valley, 2006**  
**(Farms Sorted By Net Return)**

**Sugar Beets on Owned Land Including Joint venture**

	<u>Avg. Of All Farms</u>	<u>Low 20%</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of fields	32	5	6	9
Number of farms	28	5	5	6
Acres	92.49	69.52	112.38	84.23
Yield per acre (ton)	24.42	19.75	21.63	28.16
Operators share of yield %	100.00	100.00	100.00	100.00
Value per ton	40.59	38.28	42.57	41.08
Total product return per acre	991.18	755.90	920.62	1,156.71
Miscellaneous income per acre	11.03	21.73	5.95	25.04
Gross return per acre	1,002.21	777.63	926.57	1,181.75
<b>Direct Expenses</b>				
Seed	52.96	59.53	53.29	54.66
Fertilizer	44.85	46.00	36.75	48.85
Crop chemicals	98.49	118.93	84.86	88.25
Crop insurance	19.40	16.69	19.41	19.55
Fuel & oil	61.56	70.76	55.10	67.55
Repairs	68.08	62.29	56.44	79.19
Custom hire	15.65	18.01	13.02	22.75
Hired labor	34.49	9.68	49.15	40.59
Stock/quota lease	198.42	190.95	204.71	182.11
Hauling and trucking	0.72	-	-	2.83
Operating interest	18.98	18.26	12.06	11.72
Miscellaneous	2.15	-	5.02	2.54
Total direct expenses per acre	615.75	611.10	589.81	620.61
Return over direct exp per acre	386.46	166.53	336.76	561.15
<b>Overhead Expenses</b>				
Custom hire	5.45	15.54	10.56	1.36
Hired labor	21.81	31.34	32.19	15.72
Machinery leases	4.69	1.90	7.11	6.28
Building leases	0.30	0.50	0.68	0.32
RE & pers. property taxes	9.96	11.35	6.07	12.36
Farm insurance	7.26	15.73	8.11	6.69
Utilities	4.46	7.16	6.17	4.07
Dues & professional fees	3.18	5.18	3.43	1.60
Interest	46.82	38.55	45.66	41.46
Mach & bldg depreciation	52.65	48.39	52.67	62.88
Miscellaneous	5.61	3.06	3.86	4.06
Total overhead expenses per acre	162.19	178.69	176.50	156.81
Total dir & ovhd expenses per acre	777.94	789.79	766.31	777.42
Net return per acre	224.27	-12.16	160.26	404.34
Government payments	15.68	16.23	17.93	14.81
Net return with govt pmts	239.95	4.06	178.20	419.15
Labor & management charge	79.91	90.05	60.14	92.55
Net return over lbr & mgt	160.04	-85.98	118.06	326.61
<b>Cost of Production</b>				
Total direct expense per ton	25.21	30.95	27.27	22.04
Total dir & ovhd exp per ton	31.86	40.00	35.43	27.61
Less govt & other income	30.76	38.08	34.33	26.19
With labor & management	34.03	42.64	37.11	29.48
Machinery cost per acre	217.55	232.87	208.63	244.72
Est. labor hours per acre	5.60	6.62	5.67	4.86