

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

Sugar Beets on Cash Rent Excluding Joint venture

	<u>Avg. Of All Farms</u>	<u>Low 20%</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of fields	117	23	25	26
Number of farms	74	14	15	15
Acres	151.10	140.03	147.22	138.43
Yield per acre (ton)	24.58	21.90	25.42	26.76
Operators share of yield %	100.00	100.00	100.00	100.00
Value per ton	40.65	40.02	39.74	41.01
Total product return per acre	999.29	876.34	1,010.24	1,097.49
Miscellaneous income per acre	11.31	19.00	10.99	1.56
Gross return per acre	1,010.60	895.34	1,021.23	1,099.05
Direct Expenses				
Seed	55.03	55.06	55.57	51.85
Fertilizer	45.28	42.99	54.32	41.33
Crop chemicals	92.72	87.84	97.35	90.67
Crop insurance	17.83	17.43	18.03	16.00
Fuel & oil	62.76	74.59	63.96	55.98
Repairs	67.93	78.15	64.89	63.53
Custom hire	10.88	9.88	13.98	11.37
Hired labor	31.54	27.55	37.91	30.55
Land rent	79.06	75.33	85.61	79.28
Machinery leases	0.24	0.94	-	-
Hauling and trucking	6.02	11.17	-	5.94
Operating interest	21.94	26.77	25.33	10.89
Miscellaneous	2.70	3.66	1.76	2.31
Total direct expenses per acre	493.94	511.35	518.72	459.71
Return over direct exp per acre	516.66	383.99	502.51	639.34
Overhead Expenses				
Custom hire	7.93	7.48	5.30	6.11
Hired labor	44.69	65.35	41.30	40.08
Machinery leases	11.75	45.79	7.68	3.67
Building leases	1.21	3.36	-	0.04
Farm insurance	9.75	11.17	6.39	7.24
Utilities	7.13	8.90	6.23	3.92
Dues & professional fees	8.37	12.58	6.73	6.43
Interest	20.47	34.51	14.49	10.50
Mach & bldg depreciation	57.90	50.30	56.66	55.60
Miscellaneous	6.62	3.64	6.65	10.91
Total overhead expenses per acre	175.81	243.06	151.42	144.50
Total dir & ovhd expenses per acre	669.75	754.41	670.14	604.20
Net return per acre	340.85	140.93	351.09	494.85
Government payments	16.05	18.17	15.31	14.97
Net return with govt pmts	356.90	159.10	366.40	509.82
Labor & management charge	89.14	85.69	77.69	92.79
Net return over lbr & mgt	267.76	73.41	288.71	417.03
Cost of Production				
Total direct expense per ton	20.09	23.35	20.40	17.18
Total dir & ovhd exp per ton	27.25	34.45	26.36	22.58
Less govt & other income	26.13	32.75	25.32	21.96
With labor & management	29.76	36.66	28.38	25.43
Machinery cost per acre	237.71	300.13	222.98	204.32
Est. labor hours per acre	6.87	7.02	6.02	7.87