

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 Excluding Joint venture

	<u>Avg. Of All Farms</u>	<u>Low 20%</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of fields	56	9	11	12
Number of farms	40	8	8	8
Acres	105.45	133.81	81.70	106.91
Yield per acre (ton)	23.81	21.45	24.11	25.25
Operators share of yield %	100.00	100.00	100.00	100.00
Value per ton	40.12	37.70	39.05	40.16
Total product return per acre	955.05	808.88	941.76	1,014.10
Miscellaneous income per acre	6.36	8.71	8.23	11.10
Gross return per acre	961.41	817.59	949.98	1,025.20
Direct Expenses				
Seed	55.65	57.04	54.29	54.22
Fertilizer	44.07	46.77	51.23	37.40
Crop chemicals	94.36	108.56	87.23	95.22
Crop insurance	16.62	15.53	22.14	14.62
Fuel & oil	62.89	67.45	59.81	56.27
Repairs	64.54	68.90	57.48	55.80
Custom hire	16.78	13.91	15.01	17.16
Hired labor	31.07	30.96	31.91	33.75
Machinery leases	0.39	-	0.87	-
Hauling and trucking	6.82	4.65	0.06	4.44
Operating interest	27.84	39.08	27.52	17.23
Miscellaneous	2.00	2.45	0.36	0.10
Total direct expenses per acre	423.01	455.29	407.91	386.20
Return over direct exp per acre	538.40	362.30	542.07	639.00
Overhead Expenses				
Custom hire	6.42	8.36	4.83	3.41
Hired labor	32.29	30.58	23.37	18.38
Machinery leases	4.95	13.50	6.00	2.42
RE & pers. property taxes	13.70	18.31	13.90	12.79
Farm insurance	9.50	11.56	6.29	8.43
Utilities	6.21	4.05	4.11	5.46
Dues & professional fees	6.11	5.81	2.54	5.99
Interest	57.30	66.24	58.48	33.00
Mach & bldg depreciation	65.85	63.17	66.74	57.81
Miscellaneous	6.47	8.88	8.79	3.55
Total overhead expenses per acre	208.80	230.47	195.04	151.25
Total dir & ovhd expenses per acre	631.81	685.76	602.95	537.45
Net return per acre	329.60	131.83	347.03	487.75
Government payments	14.85	16.71	13.54	13.76
Net return with govt pmts	344.45	148.54	360.57	501.51
Labor & management charge	76.87	77.30	83.90	70.93
Net return over lbr & mgt	267.59	71.24	276.67	430.58
Cost of Production				
Total direct expense per ton	17.77	21.22	16.92	15.29
Total dir & ovhd exp per ton	26.54	31.97	25.00	21.28
Less govt & other income	25.65	30.78	24.10	20.30
With labor & management	28.88	34.38	27.58	23.11
Machinery cost per acre	240.44	249.36	226.49	201.93
Est. labor hours per acre	5.91	6.58	4.96	4.44