

Crop Enterprise Analysis
Minnesota and North Dakota Farm Business Mgmt. Education
Red River Valley, 2005
(Farms Sorted By Net Return)

Sugar Beets on Cash Rent Including Joint venture

	<u>Avg. Of All Farms</u>	<u>Low 20%</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of fields	106	19	24	27
Number of farms	71	14	14	15
Acres	161.43	200.82	125.62	109.56
Yield per acre (ton)	18.78	14.67	19.00	22.41
Operators share of yield %	100.00	100.00	100.00	100.00
Value per ton	38.33	35.66	37.87	39.88
Total product return per acre	719.80	523.14	719.62	893.91
Miscellaneous income per acre	30.85	73.63	26.44	11.62
Gross return per acre	750.65	596.77	746.06	905.53
Direct Expenses				
Seed	51.12	52.53	50.81	51.12
Fertilizer	41.81	43.27	44.38	44.71
Crop chemicals	105.67	119.90	101.01	100.89
Crop insurance	16.06	13.89	15.26	16.68
Fuel & oil	51.48	53.47	46.01	49.75
Repairs	64.34	80.01	46.55	64.78
Custom hire	13.58	3.72	14.46	22.36
Hired labor	18.68	17.29	18.76	17.87
Land rent	69.41	66.13	72.77	77.34
Stock/quota lease	188.28	194.68	195.69	180.05
Machinery leases	0.80	0.30	3.30	0.88
Hauling and trucking	3.19	0.54	3.08	4.97
Operating interest	17.26	20.03	19.00	9.50
Miscellaneous	1.65	0.23	4.18	0.27
Total direct expenses per acre	643.34	665.99	635.26	641.16
Return over direct exp per acre	107.30	-69.22	110.80	264.37
Overhead Expenses				
Custom hire	4.09	5.81	2.65	5.01
Hired labor	31.95	37.10	34.09	17.54
Machinery leases	11.45	21.48	4.85	2.55
Building leases	0.29	0.91	0.13	0.09
Farm insurance	5.44	6.14	4.62	4.75
Utilities	5.71	6.36	3.72	4.43
Dues & professional fees	6.06	7.77	4.57	4.30
Interest	16.34	21.82	11.50	13.91
Mach & bldg depreciation	47.36	49.68	46.21	37.68
Miscellaneous	8.50	6.42	6.94	9.58
Total overhead expenses per acre	137.18	163.49	119.27	99.86
Total dir & ovhd expenses per acre	780.52	829.47	754.54	741.02
Net return per acre	-29.87	-232.70	-8.47	164.52
Government payments	14.83	16.44	15.97	15.77
Net return with govt pmts	-15.04	-216.26	7.50	180.29
Labor & management charge	75.95	64.99	76.75	79.75
Net return over lbr & mgt	-90.99	-281.25	-69.25	100.53
Cost of Production				
Total direct expense per ton	34.26	45.40	33.43	28.60
Total dir & ovhd exp per ton	41.57	56.55	39.70	33.06
Less govt & other income	39.13	50.41	37.47	31.84
With labor & management	43.18	54.84	41.51	35.40
Machinery cost per acre	208.03	232.81	174.83	196.41
Est. labor hours per acre	5.55	5.28	5.41	5.10