

Crop Enterprise Analysis
Farm Business Management - Moorhead
Northland Community & Technical College
(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	52	13	7	12
Number of farms	35	7	7	7
Acres	287.42	194.81	409.14	193.32
Yield per acre (ton)	22.02	18.44	22.50	25.45
Operators share of yield %	100.00	100.00	100.00	100.00
Value per ton	37.21	33.96	37.44	39.99
Total product return per acre	819.21	626.22	842.41	1,017.74
Miscellaneous income per acre	24.01	49.85	46.64	7.30
Gross return per acre	843.22	676.07	889.06	1,025.04
Direct Expenses				
Seed	55.91	65.38	51.68	57.02
Fertilizer	52.06	57.03	53.29	52.66
Crop chemicals	100.25	97.55	91.05	105.89
Crop insurance	18.48	15.28	19.48	20.91
Fuel & oil	61.21	68.91	45.27	60.06
Repairs	76.71	86.75	83.29	76.11
Custom hire	3.07	2.82	2.82	6.40
Hired labor	24.91	40.39	26.28	23.08
Land rent	84.27	79.82	94.47	73.97
Stock/quota lease	222.51	219.76	218.04	217.55
Machinery leases	0.76	-	-	0.49
Hauling and trucking	6.61	5.60	9.34	-
Operating interest	27.52	47.44	17.33	16.82
Miscellaneous	2.01	1.37	0.81	-
Total direct expenses per acre	736.28	788.12	713.16	710.95
Return over direct exp per acre	106.94	-112.05	175.90	314.09
Overhead Expenses				
Custom hire	4.70	0.52	11.86	5.06
Hired labor	30.95	27.92	16.74	20.48
Machinery leases	14.23	18.05	37.74	0.98
Building leases	0.40	0.08	1.64	0.02
Farm insurance	7.13	11.02	8.20	4.68
Utilities	4.24	4.60	5.37	4.24
Dues & professional fees	6.21	5.55	8.36	4.75
Interest	19.41	28.19	11.48	18.70
Mach & bldg depreciation	49.01	50.52	45.95	48.18
Miscellaneous	8.39	7.43	13.76	5.56
Total overhead expenses per acre	144.67	153.88	161.09	112.65
Total dir & ovhd expenses per acre	880.95	941.99	874.25	823.60
Net return per acre	-37.73	-265.92	14.81	201.44
Government payments	12.99	12.35	9.46	17.91
Net return with govt pmts	-24.74	-253.58	24.27	219.36
Labor & management charge	74.49	82.24	70.40	83.52
Net return over lbr & mgt	-99.23	-335.82	-46.13	135.84
Cost of Production				
Total direct expense per ton	33.44	42.74	31.69	27.93
Total dir & ovhd exp per ton	40.01	51.09	38.85	32.36
Less govt & other income	38.33	47.71	36.36	31.37
With labor & management	41.71	52.17	39.49	34.65
Machinery cost per acre	225.73	253.94	232.27	211.08
Est. labor hours per acre	5.09	5.36	5.26	4.82