

Crop Enterprise Analysis
Farm Business Management - Moorhead
Northland Community & Technical College
(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	46	7	14	8
Number of farms	39	7	8	8
Acres	171.87	316.71	138.50	197.13
Yield per acre (ton)	22.33	20.27	21.27	26.35
Operators share of yield %	100.00	100.00	100.00	100.00
Value per ton	36.12	32.86	36.40	38.36
Total product return per acre	806.44	666.12	774.21	1,010.91
Miscellaneous income per acre	20.30	32.77	17.43	10.74
Gross return per acre	826.74	698.89	791.64	1,021.65
Direct Expenses				
Seed	59.32	62.74	61.25	57.18
Fertilizer	48.41	46.39	48.24	52.16
Crop chemicals	101.08	94.44	99.12	109.86
Crop insurance	17.51	18.69	16.48	14.87
Fuel & oil	62.26	67.57	56.57	60.60
Repairs	78.78	82.21	77.39	72.25
Custom hire	8.69	10.31	14.24	-
Hired labor	31.30	35.26	35.97	29.30
Land rent	79.21	83.27	80.33	73.92
Hauling and trucking	4.90	-	9.63	-
Operating interest	19.98	26.51	17.41	13.75
Miscellaneous	1.28	0.05	3.06	0.42
Total direct expenses per acre	512.71	527.44	519.69	484.33
Return over direct exp per acre	314.03	171.45	271.95	537.33
Overhead Expenses				
Custom hire	2.04	0.11	0.24	7.47
Hired labor	43.38	55.40	32.96	36.83
Machinery leases	6.16	6.91	10.35	0.27
Farm insurance	9.25	10.48	12.04	4.32
Utilities	4.68	5.60	5.16	2.96
Dues & professional fees	6.72	5.97	9.45	4.04
Interest	20.33	25.05	11.29	19.90
Mach & bldg depreciation	55.64	62.95	49.00	63.41
Miscellaneous	7.84	6.79	11.10	6.92
Total overhead expenses per acre	156.04	179.27	141.59	146.12
Total dir & ovhd expenses per acre	668.76	706.71	661.28	630.44
Net return per acre	157.98	-7.83	130.36	391.21
Government payments	13.64	11.75	13.75	16.24
Net return with govt pmts	171.62	3.93	144.11	407.45
Labor & management charge	86.17	93.42	88.66	89.99
Net return over lbr & mgt	85.45	-89.50	55.45	317.46
Cost of Production				
Total direct expense per ton	22.97	26.02	24.43	18.38
Total dir & ovhd exp per ton	29.95	34.86	31.09	23.92
Less govt & other income	28.43	32.66	29.62	22.90
With labor & management	32.29	37.27	33.79	26.31
Machinery cost per acre	230.24	252.01	215.93	219.79
Est. labor hours per acre	6.25	7.51	6.10	5.73