

Crop Enterprise Analysis
2024 Moorhead Farm Business Management Annual Report
Sugarbeets - Excluding Joint Ventures
(Farms Sorted By Return to Overhead)

Sugar Beets on Owned Land

	<u>Avg. Of All Farms</u>
Number of farms	13
Acres	243.40
Yield per acre (ton)	27.44
Operators share of yield %	100.00
Value per ton	72.28
Total product return per acre	1,983.19
Crop insurance per acre	38.17
Other crop income per acre	16.94
Gross return per acre	2,038.30
Direct Expenses	
Seed and plants	270.20
Fertilizer	116.98
Crop chemicals	159.71
Crop insurance	41.64
Fuel & oil	69.11
Repairs	167.24
Custom hire	49.51
Hired labor	45.57
Machinery leases	0.42
Hauling and trucking	26.75
Operating interest	39.20
Miscellaneous	3.38
Total direct expenses per acre	989.71
Return over direct exp per acre	1,048.59
Overhead Expenses	
Hired labor	62.64
Machinery leases	24.32
Building leases	1.73
RE & pers. property taxes	33.17
Farm insurance	16.05
Utilities	11.77
Dues & professional fees	8.54
Interest	99.23
Mach & bldg depreciation	102.87
Miscellaneous	7.35
Total overhead expenses per acre	367.67
Total dir & ovhd expenses per acre	1,357.38
Net return per acre	680.92
Government payments	-
Net return with govt pmts	680.92
Labor & management charge	162.70
Net return over lbr & mgt	518.23
Cost of Production	
Total direct expense per ton	36.07
Total dir & ovhd exp per ton	49.47
Less govt & other income	47.46
With labor & management	53.39
Net value per unit	72.28
Machinery cost per acre	409.47
Est. labor hours per acre	6.08

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Sugar Beets on Cash Rent

	<u>Avg. Of</u> <u>All Farms</u>	<u>Low 20%</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of farms	33	6	6	7
Acres	221.80	272.93	236.20	178.78
Yield per acre (ton)	30.04	26.51	33.03	34.32
Operators share of yield %	100.00	100.00	100.00	100.00
Value per ton	74.67	66.78	77.06	81.69
Total product return per acre	2,243.05	1,770.54	2,545.31	2,804.12
Crop insurance per acre	6.49	2.88	-	-
Other crop income per acre	12.15	7.67	32.95	7.23
Gross return per acre	2,261.69	1,781.09	2,578.26	2,811.36
Direct Expenses				
Seed and plants	285.44	278.24	306.11	278.87
Fertilizer	123.95	129.27	137.28	138.08
Crop chemicals	154.39	153.39	177.82	140.77
Crop insurance	47.53	53.22	54.67	40.90
Fuel & oil	63.52	67.22	84.27	79.87
Repairs	147.59	165.53	182.61	129.80
Custom hire	27.84	53.93	25.85	18.97
Hired labor	43.34	48.11	47.39	58.20
Land rent	182.53	159.76	197.43	187.05
Machinery leases	31.72	-	52.77	2.51
Hauling and trucking	35.77	35.22	43.12	43.30
Operating interest	34.32	30.01	31.26	40.09
Miscellaneous	5.89	6.27	7.93	7.40
Total direct expenses per acre	1,183.85	1,180.16	1,348.50	1,165.79
Return over direct exp per acre	1,077.84	600.93	1,229.76	1,645.57
Overhead Expenses				
Hired labor	68.67	55.03	88.63	52.20
Machinery leases	5.86	22.24	4.02	0.45
Building leases	3.09	4.28	-	10.62
Farm insurance	25.05	20.71	37.79	44.37
Utilities	11.47	12.54	10.78	14.99
Dues & professional fees	7.28	5.88	11.98	11.85
Interest	15.09	20.79	11.59	26.64
Mach & bldg depreciation	97.36	99.65	73.54	179.91
Miscellaneous	16.34	8.96	55.11	4.01
Total overhead expenses per acre	250.21	250.08	293.43	345.04
Total dir & ovhd expenses per acre	1,434.06	1,430.24	1,641.93	1,510.83
Net return per acre	827.63	350.85	936.33	1,300.53
Government payments	-	-	-	-
Net return with govt pmts	827.63	350.85	936.33	1,300.53
Labor & management charge	161.85	140.85	177.79	167.29
Net return over lbr & mgt	665.77	210.00	758.54	1,133.23
Cost of Production				
Total direct expense per ton	39.41	44.52	40.82	33.96
Total dir & ovhd exp per ton	47.74	53.95	49.71	44.02
Less govt & other income	47.12	53.55	48.71	43.81
With labor & management	52.50	58.86	54.09	48.68
Net value per unit	74.67	66.78	77.06	81.69
Machinery cost per acre	382.21	418.00	430.74	427.63
Est. labor hours per acre	6.09	5.53	7.30	5.74