

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

Sugar Beets on Owned Land

	<u>Avg. Of All Farms</u>
Number of farms	6
Acres	146.58
Yield per acre (ton)	30.97
Operators share of yield %	100.00
Value per ton	81.53
Total product return per acre	2,524.58
Crop insurance per acre	2.98
Other crop income per acre	8.19
Gross return per acre	2,535.75
Direct Expenses	
Seed and plants	281.18
Fertilizer	116.40
Crop chemicals	171.09
Crop insurance	46.27
Fuel & oil	79.25
Repairs	177.05
Custom hire	5.24
Hired labor	42.97
Stock/quota lease	356.57
Hauling and trucking	53.48
Operating interest	88.09
Miscellaneous	6.28
Total direct expenses per acre	1,423.85
Return over direct exp per acre	1,111.90
Overhead Expenses	
Hired labor	64.43
Machinery leases	8.01
Building leases	3.07
RE & pers. property taxes	44.29
Farm insurance	32.08
Utilities	17.12
Dues & professional fees	12.91
Interest	120.22
Mach & bldg depreciation	116.97
Miscellaneous	12.48
Total overhead expenses per acre	431.59
Total dir & ovhd expenses per acre	1,855.44
Net return per acre	680.31
Government payments	-
Net return with govt pmts	680.31
Labor & management charge	141.49
Net return over lbr & mgt	538.83
Cost of Production	
Total direct expense per ton	45.98
Total dir & ovhd exp per ton	59.92
Less govt & other income	59.56
With labor & management	64.12
Net value per unit	81.53
Machinery cost per acre	391.88
Est. labor hours per acre	5.13

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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	27	5	6	6
Acres	219.29	204.62	188.55	142.70
Yield per acre (ton)	29.96	26.24	31.00	34.42
Operators share of yield %	100.00	100.00	100.00	100.00
Value per ton	81.79	76.57	81.18	85.63
Total product return per acre	2,450.25	2,009.26	2,516.34	2,946.91
Crop insurance per acre	24.31	3.06	16.61	-
Other crop income per acre	8.22	8.55	6.75	8.13
Gross return per acre	2,482.78	2,020.86	2,539.70	2,955.04
Direct Expenses				
Seed and plants	300.31	310.54	292.93	283.23
Fertilizer	121.10	115.35	128.97	127.91
Crop chemicals	151.75	164.62	190.09	160.21
Crop insurance	47.24	47.64	50.99	51.22
Fuel & oil	62.80	69.20	54.86	73.67
Repairs	146.27	184.27	102.10	115.69
Custom hire	35.06	9.76	44.57	23.00
Hired labor	40.39	55.40	35.20	43.11
Land rent	180.98	183.98	184.63	145.01
Stock/quota lease	380.39	377.44	361.35	403.14
Machinery leases	17.68	-	45.03	2.47
Hauling and trucking	84.25	26.00	63.03	101.70
Operating interest	48.85	64.54	41.52	43.80
Miscellaneous	7.95	5.75	9.57	7.87
Total direct expenses per acre	1,625.01	1,614.49	1,604.84	1,582.03
Return over direct exp per acre	857.77	406.37	934.86	1,373.01
Overhead Expenses				
Hired labor	59.43	56.79	77.03	34.43
Machinery leases	5.82	9.42	1.32	24.64
Building leases	3.62	0.20	0.44	3.21
Farm insurance	13.32	33.48	11.50	12.56
Utilities	11.65	13.35	4.93	13.97
Dues & professional fees	7.07	13.69	5.02	5.38
Interest	19.83	32.11	13.27	23.28
Mach & bldg depreciation	99.25	105.48	92.63	102.69
Miscellaneous	9.32	3.63	10.61	9.72
Total overhead expenses per acre	229.33	268.15	216.75	229.89
Total dir & ovhd expenses per acre	1,854.34	1,882.64	1,821.60	1,811.91
Net return per acre	628.44	138.22	718.11	1,143.12
Government payments	-	-	-	-
Net return with govt pmts	628.44	138.22	718.11	1,143.12
Labor & management charge	147.57	129.56	133.41	145.76
Net return over lbr & mgt	480.88	8.66	584.70	997.36
Cost of Production				
Total direct expense per ton	54.24	61.53	51.78	45.97
Total dir & ovhd exp per ton	61.90	71.74	58.77	52.65
Less govt & other income	60.81	71.30	58.02	52.41
With labor & management	65.74	76.24	62.32	56.65
Net value per unit	81.79	76.57	81.18	85.63
Machinery cost per acre	377.29	402.83	352.68	352.18
Est. labor hours per acre	5.23	4.68	6.59	3.82