

**Crop Enterprise Analysis**  
**2023 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	15
Acres	158.18
Yield per acre (ton)	28.20
Operators share of yield %	100.00
Value per ton	84.74
Total product return per acre	2,389.97
Crop insurance per acre	0.73
Other crop income per acre	8.81
Gross return per acre	2,399.51
<b>Direct Expenses</b>	
Seed and plants	268.00
Fertilizer	144.37
Crop chemicals	163.15
Crop insurance	39.54
Fuel & oil	76.33
Repairs	159.35
Custom hire	22.45
Hired labor	40.12
Hauling and trucking	22.70
Operating interest	42.17
Miscellaneous	10.29
Total direct expenses per acre	988.46
Return over direct exp per acre	1,411.05
<b>Overhead Expenses</b>	
Hired labor	70.51
Machinery leases	24.13
Building leases	2.22
RE & pers. property taxes	31.64
Farm insurance	15.93
Utilities	12.42
Dues & professional fees	8.25
Interest	84.77
Mach & bldg depreciation	136.44
Miscellaneous	8.24
Total overhead expenses per acre	394.56
Total dir & ovhd expenses per acre	1,383.02
Net return per acre	1,016.49
Government payments	-
Net return with govt pmts	1,016.49
Labor & management charge	158.82
Net return over lbr & mgt	857.67
<b>Cost of Production</b>	
Total direct expense per ton	35.05
Total dir & ovhd exp per ton	49.04
Less govt & other income	48.70
With labor & management	54.33
Net value per unit	84.74
Machinery cost per acre	412.27
Est. labor hours per acre	5.77

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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	34	6	7	7
Acres	260.52	246.68	272.21	106.37
Yield per acre (ton)	28.44	26.86	29.87	30.00
Operators share of yield %	100.00	100.00	100.00	100.00
Value per ton	79.79	72.89	81.79	93.82
Total product return per acre	2,269.35	1,957.64	2,443.41	2,814.66
Crop insurance per acre	2.17	8.17	-	-
Other crop income per acre	4.08	7.34	3.48	1.12
Gross return per acre	2,275.60	1,973.15	2,446.89	2,815.77
<b>Direct Expenses</b>				
Seed and plants	280.46	270.22	279.60	307.22
Fertilizer	137.84	130.26	159.07	113.13
Crop chemicals	151.40	155.81	162.23	137.71
Crop insurance	46.79	46.68	57.48	51.02
Fuel & oil	71.60	62.61	95.35	81.70
Repairs	151.80	127.47	182.97	139.57
Custom hire	32.67	116.67	29.41	25.41
Hired labor	36.40	45.36	42.30	23.26
Land rent	170.28	157.49	162.43	167.13
Hauling and trucking	37.42	29.73	72.65	59.50
Operating interest	25.33	28.16	14.56	23.50
Miscellaneous	14.05	40.80	15.13	5.64
Total direct expenses per acre	1,156.04	1,211.25	1,273.17	1,134.78
Return over direct exp per acre	1,119.56	761.89	1,173.73	1,680.99
<b>Overhead Expenses</b>				
Hired labor	71.03	93.54	80.13	18.87
Machinery leases	20.23	42.95	5.97	6.63
Building leases	4.72	0.78	4.39	0.19
Farm insurance	17.96	10.44	23.33	6.93
Utilities	11.59	12.16	15.27	8.11
Dues & professional fees	8.56	6.37	10.56	7.05
Interest	10.67	2.60	16.07	27.50
Mach & bldg depreciation	92.36	87.10	107.60	57.45
Miscellaneous	15.47	42.93	12.92	6.61
Total overhead expenses per acre	252.61	298.88	276.23	139.34
Total dir & ovhd expenses per acre	1,408.65	1,510.14	1,549.40	1,274.12
Net return per acre	866.95	463.01	897.50	1,541.65
Government payments	-	-	-	-
Net return with govt pmnts	866.95	463.01	897.50	1,541.65
Labor & management charge	151.65	117.26	140.44	154.29
Net return over lbr & mgt	715.30	345.75	757.06	1,387.36
<b>Cost of Production</b>				
Total direct expense per ton	40.65	45.10	42.62	37.83
Total dir & ovhd exp per ton	49.53	56.23	51.87	42.47
Less govt & other income	49.31	55.65	51.75	42.43
With labor & management	54.64	60.02	56.45	47.58
Net value per unit	79.79	72.89	81.79	93.82
Machinery cost per acre	371.00	418.23	428.09	335.85
Est. labor hours per acre	5.90	7.95	5.37	4.68