

**Crop Enterprise Analysis**  
**2019 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	16
Acres	142.15
Yield per acre (ton)	20.81
Operators share of yield %	100.00
Value per ton	30.95
Total product return per acre	643.94
Crop insurance per acre	204.40
Other crop income per acre	5.67
Gross return per acre	854.02
<b>Direct Expenses</b>	
Seed and plants	212.94
Fertilizer	86.07
Crop chemicals	116.31
Crop insurance	29.39
Fuel & oil	53.28
Repairs	100.00
Custom hire	9.89
Hired labor	28.53
Machinery leases	0.80
Hauling and trucking	1.48
Operating interest	24.55
Miscellaneous	60.53
Total direct expenses per acre	723.77
Return over direct exp per acre	130.25
<b>Overhead Expenses</b>	
Hired labor	75.64
Machinery leases	15.21
Building leases	5.85
RE & pers. property taxes	27.59
Farm insurance	19.05
Utilities	11.21
Dues & professional fees	8.83
Interest	54.22
Mach & bldg depreciation	98.09
Miscellaneous	12.24
Total overhead expenses per acre	327.93
Total dir & ovhd expenses per acre	1,051.70
Net return per acre	-197.69
Government payments	1.72
Net return with govt pmts	-195.96
Labor & management charge	105.14
Net return over lbr & mgt	-301.10
<b>Cost of Production</b>	
Total direct expense per ton	34.78
Total dir & ovhd exp per ton	50.54
Less govt & other income	40.36
With labor & management	45.42
Net value per unit	30.95
Machinery cost per acre	274.12
Est. labor hours per acre	8.22

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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	31	6	6	7
Acres	272.91	335.77	248.60	205.66
Yield per acre (ton)	19.57	20.43	21.11	26.15
Operators share of yield %	100.00	100.00	100.00	100.00
Value per ton	30.87	27.00	30.45	37.16
Total product return per acre	604.33	551.70	642.82	971.64
Crop insurance per acre	268.32	67.97	282.14	126.23
Other crop income per acre	5.99	3.45	5.49	17.62
Gross return per acre	878.65	623.12	930.45	1,115.49
<b>Direct Expenses</b>				
Seed and plants	225.18	206.31	237.45	219.71
Fertilizer	84.11	84.96	72.73	98.58
Crop chemicals	118.08	120.85	127.80	106.87
Crop insurance	29.91	29.66	33.77	27.64
Fuel & oil	53.74	51.65	69.08	57.51
Repairs	103.36	98.12	126.65	99.55
Custom hire	10.55	0.85	12.88	15.11
Hired labor	20.93	18.56	22.86	11.68
Land rent	131.42	118.11	102.34	158.64
Machinery leases	1.38	4.01	-	1.68
Hauling and trucking	11.33	4.84	14.70	31.96
Operating interest	19.44	33.11	21.41	15.60
Miscellaneous	58.11	23.15	86.44	16.47
Total direct expenses per acre	867.53	794.20	928.12	861.00
Return over direct exp per acre	11.12	-171.08	2.33	254.49
<b>Overhead Expenses</b>				
Hired labor	66.64	97.72	95.26	49.27
Machinery leases	9.12	11.43	0.84	9.54
Building leases	3.49	2.12	0.30	6.58
Farm insurance	18.42	9.80	15.89	18.19
Utilities	11.29	7.30	18.49	10.12
Dues & professional fees	9.04	6.70	10.42	11.05
Interest	8.74	6.03	5.76	9.96
Mach & bldg depreciation	95.34	53.00	99.92	120.40
Miscellaneous	17.60	9.51	17.22	25.16
Total overhead expenses per acre	239.69	203.61	264.10	260.26
Total dir & ovhd expenses per acre	1,107.22	997.81	1,192.22	1,121.26
Net return per acre	-228.58	-374.69	-261.77	-5.77
Government payments	1.31	3.49	2.37	-
Net return with govt pmts	-227.27	-371.19	-259.40	-5.77
Labor & management charge	104.94	94.59	115.40	109.63
Net return over lbr & mgt	-332.21	-465.78	-374.81	-115.40
<b>Cost of Production</b>				
Total direct expense per ton	44.32	38.87	43.97	32.93
Total dir & ovhd exp per ton	56.57	48.83	56.48	42.88
Less govt & other income	42.48	45.17	42.74	37.38
With labor & management	47.85	49.79	48.21	41.57
Net value per unit	30.87	27.00	30.45	37.16
Machinery cost per acre	272.60	216.67	299.72	302.83
Est. labor hours per acre	6.87	10.73	6.79	4.80