

**Crop Enterprise Analysis**  
**2018 Moorhead Farm Business Management Annual Report**  
**Sugarbeets Excluding Joint Ventures**  
**(Farms Sorted By Return to Overhead)**

**Sugar Beets on Owned Land**

	<b><u>Avg. Of All Farms</u></b>
Number of farms	11
Acres	130.83
Yield per acre (ton)	27.54
Operators share of yield %	100.00
Value per ton	37.72
Total product return per acre	1,038.72
Crop insurance per acre	37.37
Other crop income per acre	4.37
Gross return per acre	1,080.46
<b>Direct Expenses</b>	
Seed and plants	218.21
Fertilizer	72.62
Crop chemicals	119.97
Crop insurance	34.62
Fuel & oil	50.05
Repairs	89.49
Custom hire	7.06
Hired labor	41.66
Machinery leases	11.79
Hauling and trucking	3.84
Operating interest	25.33
Miscellaneous	5.50
Total direct expenses per acre	680.16
Return over direct exp per acre	400.30
<b>Overhead Expenses</b>	
Hired labor	61.22
Machinery leases	5.59
Building leases	2.18
RE & pers. property taxes	24.02
Farm insurance	10.32
Utilities	11.55
Dues & professional fees	4.06
Interest	84.24
Mach & bldg depreciation	94.79
Miscellaneous	6.97
Total overhead expenses per acre	304.93
Total dir & ovhd expenses per acre	985.09
Net return per acre	95.37
Government payments	1.51
Net return with govt pmts	96.88
Labor & management charge	109.84
Net return over lbr & mgt	-12.97
<b>Cost of Production</b>	
Total direct expense per ton	24.70
Total dir & ovhd exp per ton	35.77
Less govt & other income	34.20
With labor & management	38.19
Net value per unit	37.72
Machinery cost per acre	265.10
Est. labor hours per acre	5.45

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**Sugar Beets on Cash Rent**

	<u>Avg. Of All Farms</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of farms	24	5	5
Acres	258.36	154.02	232.57
Yield per acre (ton)	29.66	30.42	32.93
Operators share of yield %	100.00	100.00	100.00
Value per ton	37.60	40.08	40.10
Total product return per acre	1,115.26	1,219.42	1,320.48
Crop insurance per acre	9.53	-	-
Other crop income per acre	6.10	2.68	12.97
Gross return per acre	1,130.89	1,222.10	1,333.45
<b>Direct Expenses</b>			
Seed and plants	216.81	233.24	215.19
Fertilizer	73.43	80.23	77.00
Crop chemicals	112.63	105.36	107.92
Crop insurance	30.74	31.14	22.21
Fuel & oil	55.81	68.31	60.12
Repairs	95.82	103.91	95.98
Custom hire	15.55	2.46	7.21
Hired labor	46.51	49.17	46.49
Land rent	137.94	142.81	133.56
Machinery leases	9.10	6.47	7.24
Hauling and trucking	24.98	5.84	17.93
Operating interest	17.30	37.67	7.90
Miscellaneous	7.17	10.44	3.59
Total direct expenses per acre	843.79	877.04	802.35
Return over direct exp per acre	287.10	345.06	531.10
<b>Overhead Expenses</b>			
Hired labor	69.43	63.01	55.54
Machinery leases	2.07	4.87	0.00
Building leases	2.27	2.26	1.72
Farm insurance	10.98	9.47	8.04
Utilities	10.34	10.45	7.59
Dues & professional fees	5.37	4.57	1.88
Interest	10.15	24.48	6.31
Mach & bldg depreciation	96.40	85.12	87.55
Miscellaneous	8.03	6.63	9.01
Total overhead expenses per acre	215.04	210.86	177.63
Total dir & ovhd expenses per acre	1,058.83	1,087.90	979.98
Net return per acre	72.06	134.20	353.47
Government payments	3.95	0.73	6.78
Net return with govt pmts	76.01	134.93	360.25
Labor & management charge	121.50	98.47	114.35
Net return over lbr & mgt	-45.49	36.46	245.90
<b>Cost of Production</b>			
Total direct expense per ton	28.45	28.83	24.37
Total dir & ovhd exp per ton	35.69	35.76	29.76
Less govt & other income	35.03	35.65	29.16
With labor & management	39.13	38.88	32.63
Net value per unit	37.60	40.08	40.10
Machinery cost per acre	272.76	294.67	248.36
Est. labor hours per acre	5.81	5.43	6.24