

Crop Enterprise Analysis
2017 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	92.74
Yield per acre (ton)	31.75
Operators share of yield %	100.00
Value per ton	40.86
Total product return per acre	1,297.24
Other crop income per acre	6.78
Gross return per acre	1,304.02
Direct Expenses	
Seed and plants	228.03
Fertilizer	74.04
Crop chemicals	110.13
Crop insurance	30.48
Fuel & oil	38.95
Repairs	92.69
Custom hire	12.83
Hired labor	26.21
Hauling and trucking	17.41
Operating interest	27.37
Miscellaneous	4.02
Total direct expenses per acre	662.18
Return over direct exp per acre	641.84
Overhead Expenses	
Hired labor	75.64
Machinery leases	11.26
Building leases	4.11
RE & pers. property taxes	28.79
Farm insurance	12.80
Utilities	12.01
Dues & professional fees	5.15
Interest	72.07
Mach & bldg depreciation	99.51
Miscellaneous	11.93
Total overhead expenses per acre	333.25
Total dir & ovhd expenses per acre	995.43
Net return per acre	308.58
Government payments	11.17
Net return with govt pmts	319.76
Labor & management charge	106.89
Net return over lbr & mgt	212.87
Cost of Production	
Total direct expense per ton	20.86
Total dir & ovhd exp per ton	31.35
Less govt & other income	30.79
With labor & management	34.15
Net value per unit	40.86
Machinery cost per acre	249.92
Est. labor hours per acre	6.00

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Sugar Beets on Cash Rent

	<u>Avg. Of All Farms</u>
Number of farms	20
Acres	259.34
Yield per acre (ton)	31.47
Operators share of yield %	100.00
Value per ton	39.78
Total product return per acre	1,251.65
Crop insurance per acre	0.20
Other crop income per acre	6.62
Gross return per acre	1,258.47
Direct Expenses	
Seed and plants	226.50
Fertilizer	78.06
Crop chemicals	98.77
Crop insurance	33.08
Fuel & oil	46.03
Repairs	81.62
Custom hire	10.67
Hired labor	36.83
Land rent	141.53
Hauling and trucking	16.45
Operating interest	18.67
Miscellaneous	4.96
Total direct expenses per acre	793.17
Return over direct exp per acre	465.31
Overhead Expenses	
Hired labor	85.73
Machinery leases	10.67
Building leases	1.87
Farm insurance	13.97
Utilities	10.84
Dues & professional fees	5.35
Interest	7.30
Mach & bldg depreciation	99.89
Miscellaneous	9.85
Total overhead expenses per acre	245.46
Total dir & ovhd expenses per acre	1,038.63
Net return per acre	219.84
Government payments	11.27
Net return with govt pmts	231.11
Labor & management charge	109.15
Net return over lbr & mgt	121.96
Cost of Production	
Total direct expense per ton	25.21
Total dir & ovhd exp per ton	33.01
Less govt & other income	32.43
With labor & management	35.90
Net value per unit	39.78
Machinery cost per acre	243.15
Est. labor hours per acre	6.20