

Crop Enterprise Analysis
2016 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	11
Acres	148.95
Yield per acre (ton)	34.53
Operators share of yield %	100.00
Value per ton	33.66
Total product return per acre	1,162.52
Crop insurance per acre	20.34
Gross return per acre	1,182.87
Direct Expenses	
Seed	225.18
Fertilizer	80.46
Crop chemicals	89.52
Crop insurance	31.42
Fuel & oil	45.10
Repairs	92.56
Custom hire	18.36
Hired labor	33.80
Stock/quota lease	119.41
Machinery leases	5.24
Hauling and trucking	21.73
Operating interest	24.06
Miscellaneous	1.92
Total direct expenses per acre	788.76
Return over direct exp per acre	394.11
Overhead Expenses	
Hired labor	46.41
Machinery leases	19.09
Building leases	1.99
RE & pers. property taxes	29.98
Farm insurance	9.59
Utilities	9.38
Dues & professional fees	7.92
Interest	97.41
Mach & bldg depreciation	93.82
Miscellaneous	11.28
Total overhead expenses per acre	326.88
Total dir & ovhd expenses per acre	1,115.64
Net return per acre	67.23
Government payments	7.50
Net return with govt pmts	74.73
Labor & management charge	92.62
Net return over lbr & mgt	-17.89
Cost of Production	
Total direct expense per ton	22.84
Total dir & ovhd exp per ton	32.31
Less govt & other income	31.50
With labor & management	34.18
Net value per unit	33.66
Machinery cost per acre	277.87
Est. labor hours per acre	5.17

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Sugar Beets on Cash Rent

	<u>Avg. Of All Farms</u>
Number of farms	21
Acres	283.10
Yield per acre (ton)	34.67
Operators share of yield %	100.00
Value per ton	34.54
Total product return per acre	1,197.50
Crop insurance per acre	1.94
Gross return per acre	1,199.44
Direct Expenses	
Seed	221.82
Fertilizer	80.42
Crop chemicals	82.96
Crop insurance	27.65
Fuel & oil	46.09
Repairs	87.00
Custom hire	20.86
Hired labor	28.68
Land rent	142.01
Stock/quota lease	138.94
Machinery leases	1.76
Hauling and trucking	23.79
Operating interest	20.27
Miscellaneous	4.62
Total direct expenses per acre	926.88
Return over direct exp per acre	272.56
Overhead Expenses	
Hired labor	55.07
Machinery leases	12.30
Building leases	8.91
Farm insurance	12.78
Utilities	8.11
Dues & professional fees	7.90
Interest	11.82
Mach & bldg depreciation	100.90
Miscellaneous	9.06
Total overhead expenses per acre	226.84
Total dir & ovhd expenses per acre	1,153.72
Net return per acre	45.72
Government payments	10.08
Net return with govt pmts	55.80
Labor & management charge	97.24
Net return over lbr & mgt	-41.43
Cost of Production	
Total direct expense per ton	26.73
Total dir & ovhd exp per ton	33.28
Less govt & other income	32.93
With labor & management	35.73
Net value per unit	34.54
Machinery cost per acre	272.43
Est. labor hours per acre	5.08