

Crop Enterprise Analysis
2021 Moorhead Farm Business Management Annual Report
Sugarbeets Excluding Joint Venture
(Farms Sorted By Return to Overhead)

Sugar Beets on Owned Land

	<u>Avg. Of All Farms</u>
Number of farms	14
Acres	129.54
Yield per acre (ton)	28.09
Operators share of yield %	100.00
Value per ton	47.52
Total product return per acre	1,335.14
Crop insurance per acre	8.28
Other crop income per acre	4.16
Gross return per acre	1,347.58
Direct Expenses	
Seed and plants	215.40
Fertilizer	85.24
Crop chemicals	132.79
Crop insurance	33.48
Fuel & oil	56.07
Repairs	126.39
Custom hire	30.02
Hired labor	25.89
Machinery leases	1.32
Hauling and trucking	11.26
Operating interest	19.63
Miscellaneous	6.61
Total direct expenses per acre	744.10
Return over direct exp per acre	603.48
Overhead Expenses	
Hired labor	35.88
Machinery leases	24.77
Building leases	1.33
RE & pers. property taxes	26.66
Farm insurance	11.15
Utilities	9.44
Dues & professional fees	6.58
Interest	79.76
Mach & bldg depreciation	96.21
Miscellaneous	10.30
Total overhead expenses per acre	302.08
Total dir & ovhd expenses per acre	1,046.19
Net return per acre	301.39
Government payments	5.90
Net return with govt pmts	307.30
Labor & management charge	142.61
Net return over lbr & mgt	164.68
Cost of Production	
Total direct expense per ton	26.49
Total dir & ovhd exp per ton	37.24
Less govt & other income	36.59
With labor & management	41.66
Net value per unit	47.52
Machinery cost per acre	335.27
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>High 20%</u>
Number of farms	23	5
Acres	296.22	290.76
Yield per acre (ton)	29.20	33.63
Operators share of yield %	100.00	100.00
Value per ton	49.07	55.43
Total product return per acre	1,433.10	1,864.23
Crop insurance per acre	4.82	-
Other crop income per acre	5.16	5.04
Gross return per acre	1,443.08	1,869.28
Direct Expenses		
Seed and plants	223.54	221.60
Fertilizer	81.74	79.83
Crop chemicals	146.31	132.13
Crop insurance	34.81	29.34
Fuel & oil	51.65	44.77
Repairs	111.47	85.39
Custom hire	52.27	29.32
Hired labor	34.31	48.37
Land rent	153.23	158.90
Machinery leases	2.11	9.91
Hauling and trucking	15.01	3.54
Operating interest	10.95	4.50
Miscellaneous	7.75	2.51
Total direct expenses per acre	925.16	850.12
Return over direct exp per acre	517.92	1,019.15
Overhead Expenses		
Hired labor	50.43	65.97
Machinery leases	14.21	2.18
Building leases	1.26	0.08
Farm insurance	16.12	19.39
Utilities	9.52	12.29
Dues & professional fees	6.18	4.07
Interest	11.06	7.11
Mach & bldg depreciation	91.36	104.83
Miscellaneous	17.69	59.65
Total overhead expenses per acre	217.84	275.58
Total dir & ovhd expenses per acre	1,143.00	1,125.70
Net return per acre	300.08	743.57
Government payments	5.53	2.82
Net return with govt pmts	305.62	746.39
Labor & management charge	147.04	164.67
Net return over lbr & mgt	158.58	581.72
Cost of Production		
Total direct expense per ton	31.68	25.28
Total dir & ovhd exp per ton	39.14	33.47
Less govt & other income	38.61	33.24
With labor & management	43.64	38.14
Net value per unit	49.07	55.43
Machinery cost per acre	320.43	266.50
Est. labor hours per acre	5.82	6.32