

Crop Enterprise Analysis
2022 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	199.81
Yield per acre (ton)	26.71
Operators share of yield %	100.00
Value per ton	72.75
Total product return per acre	1,943.10
Crop insurance per acre	0.87
Other crop income per acre	9.77
Gross return per acre	1,953.73
Direct Expenses	
Seed and plants	241.51
Fertilizer	123.73
Crop chemicals	162.25
Crop insurance	43.44
Fuel & oil	80.48
Repairs	125.36
Custom hire	36.49
Hired labor	25.24
Stock/quota lease	247.41
Hauling and trucking	21.93
Operating interest	28.59
Miscellaneous	6.39
Total direct expenses per acre	1,142.85
Return over direct exp per acre	810.89
Overhead Expenses	
Hired labor	54.50
Machinery leases	6.82
Building leases	2.11
RE & pers. property taxes	29.50
Farm insurance	12.64
Utilities	11.11
Dues & professional fees	5.42
Interest	99.09
Mach & bldg depreciation	113.57
Miscellaneous	8.49
Advertising & promotion	0.23
Total overhead expenses per acre	343.49
Total dir & ovhd expenses per acre	1,486.34
Net return per acre	467.40
Government payments	-
Net return with govt pmts	467.40
Labor & management charge	120.30
Net return over lbr & mgt	347.10
Cost of Production	
Total direct expense per ton	42.79
Total dir & ovhd exp per ton	55.65
Less govt & other income	55.25
With labor & management	59.75
Net value per unit	72.75
Machinery cost per acre	357.81
Est. labor hours per acre	4.48

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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	29	5	6	6
Acres	246.41	214.52	229.28	190.13
Yield per acre (ton)	26.63	24.46	25.19	28.39
Operators share of yield %	100.00	100.00	100.00	100.00
Value per ton	70.97	65.27	75.62	74.77
Total product return per acre	1,889.87	1,596.38	1,904.75	2,123.15
Crop insurance per acre	4.11	18.92	6.58	-
Other crop income per acre	4.31	5.74	2.63	8.74
Gross return per acre	1,898.28	1,621.04	1,913.95	2,131.90
Direct Expenses				
Seed and plants	245.66	238.11	257.15	253.93
Fertilizer	126.41	137.41	157.43	121.30
Crop chemicals	146.69	139.79	139.39	136.73
Crop insurance	48.62	45.50	51.22	41.03
Fuel & oil	74.22	75.49	83.03	56.04
Repairs	137.12	182.80	126.11	84.04
Custom hire	35.97	29.90	37.07	62.47
Hired labor	21.96	18.51	32.20	25.64
Land rent	149.16	160.43	137.61	141.41
Stock/quota lease	295.25	368.92	290.72	192.13
Machinery leases	1.41	-	-	8.83
Hauling and trucking	40.54	15.09	10.62	57.65
Operating interest	25.58	22.45	19.13	7.71
Miscellaneous	5.79	5.27	7.27	4.27
Total direct expenses per acre	1,354.36	1,439.69	1,348.97	1,193.17
Return over direct exp per acre	543.92	181.35	564.98	938.73
Overhead Expenses				
Hired labor	54.09	92.89	31.94	27.87
Machinery leases	12.09	5.09	5.23	9.71
Building leases	2.71	2.38	4.74	3.36
Farm insurance	10.97	18.60	8.93	8.55
Utilities	9.36	8.98	14.62	7.56
Dues & professional fees	4.91	8.18	7.57	3.55
Interest	14.61	12.32	8.66	20.97
Mach & bldg depreciation	72.46	124.72	68.32	38.58
Miscellaneous	6.45	5.11	6.89	4.35
Advertising & promotion	0.17	-	0.34	0.60
Total overhead expenses per acre	187.83	278.26	157.24	125.11
Total dir & ovhd expenses per acre	1,542.19	1,717.95	1,506.21	1,318.28
Net return per acre	356.09	-96.91	407.74	813.62
Government payments	0.01	0.06	-	-
Net return with govt pmts	356.11	-96.85	407.74	813.62
Labor & management charge	154.04	155.18	161.30	156.69
Net return over lbr & mgt	202.07	-252.03	246.44	656.93
Cost of Production				
Total direct expense per ton	50.86	58.87	53.56	42.02
Total dir & ovhd exp per ton	57.91	70.25	59.80	46.43
Less govt & other income	57.60	69.23	59.44	46.12
With labor & management	63.38	75.58	65.84	51.64
Net value per unit	70.97	65.27	75.62	74.77
Machinery cost per acre	339.80	420.72	319.70	275.37
Est. labor hours per acre	4.94	6.34	4.56	3.91