Crop Enterprise Analysis
Farm Business Management - Moorhead
Northland Community & Technical College
(Farms Sorted By Net Return)

Sugar Beets on Cash Rent

	Avg. Of All Farms	Low 20%	40 - 60%	High 20%
Number of fields	89	18	22	18
Number of farms	42	8	9	9
Acres	179.57	237.33	127.07	143.85
Yield per acre (ton)	21.56	19.91	20.67	25.18
Operators share of yield %	100.00	100.00	100.00	100.00
Value per ton	39.49	37.13	39.44	41.43
Total product return per acre	851.29	739.36	814.99	1,043.19
Crop insurance per acre	59.31	81.31	68.02	36.50
Other crop income per acre	2.44	-	-	2.32
Gross return per acre	913.04	820.67	883.01	1,082.01
Direct Expenses				
Seed	95.47	92.98	94.41	85.61
Fertilizer	71.10	75.49	70.30	63.75
Crop chemicals	84.29	86.44	84.97	90.65
Crop insurance	20.23	21.56	21.14	16.53
Fuel & oil	71.61	85.73	67.78	64.41
Repairs	80.33	94.45	88.26	52.27
Custom hire	6.10	4.69	6.67	14.91
Hired labor	31.31	31.12	36.33	27.13
Land rent	92.08	102.61	84.65	77.72
Stock/quota lease ***	123.93	134.44	84.92	92.38
Hauling and trucking	9.08	6.08	6.42	23.41
Operating interest	28.12	47.62	24.44	13.84
Miscellaneous	1.19	0.45	3.90	0.24
Total direct expenses per acre	714.83	783.67	674.18	622.86
Return over direct exp per acre	198.20	36.99	208.82	459.15
*** Combines both Joint Ventured & Non Joint Ventured Sugarbeets				
Overhead Expenses				
Custom hire	2.72	1.81	1.23	5.85
Hired labor	26.72	37.08	33.56	29.50
Machinery leases	14.93	21.33	5.58	2.65
Building leases	0.39	1.07	0.33	0.16
Farm insurance	4.88	6.66	6.19	3.38
Utilities	2.88	3.47	2.88	2.07
Dues & professional fees	3.64	4.30	3.81	2.18
Interest	18.34	28.78	17.98	14.75
Mach & bldg depreciation	59.12	65.30	56.93	55.83
Miscellaneous	5.86	8.28	5.62	4.76
Total overhead expenses per acre	139.48	178.09	134.10	121.12
Total dir & ovhd expenses per acre	854.31	961.76	808.29	743.98
Net return per acre	58.73	-141.10	74.72	338.03
Government payments	13.82	11.98	15.98	17.17
Net return with govt pmts	72.55	-129.11	90.70	355.20
Labor & management charge	85.13	80.79	89.23	98.44
Net return over lbr & mgt	-12.58	-209.90	1.47	256.76
Cost of Production				
Total direct expense per ton	33.16	39.36	32.62	24.74
Total dir & ovhd exp per ton	39.63	48.30	39.11	29.55
Less govt & other income	36.12	43.62	35.05	27.32
With labor & management	40.07	47.68	39.37	31.23
Net value per unit	39.49	37.13	39.44	41.43
Machinery cost per acre	248.64	295.62	240.22	206.54
Est. labor hours per acre	5.33	4.93	5.94	5.54