

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

Soybeans on Cash Rent

	<u>Avg. Of All Farms</u>	<u>Low 20%</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of fields	77	13	19	14
Number of farms	68	13	13	14
Acres	525.00	459.85	417.71	564.61
Yield per acre (bu.)	37.01	29.75	36.69	41.11
Operators share of yield %	100.00	100.00	100.00	100.00
Value per bu.	9.05	8.22	8.75	10.32
Total product return per acre	334.81	244.48	321.16	424.21
Miscellaneous income per acre	4.16	2.61	-1.70	7.60
Gross return per acre	338.96	247.10	319.46	431.81
Direct Expenses				
Seed	39.40	43.40	37.25	36.64
Fertilizer	3.86	5.60	3.80	2.61
Crop chemicals	13.80	15.13	12.65	16.38
Crop insurance	14.29	14.41	15.13	13.28
Fuel & oil	12.86	13.64	11.84	12.05
Repairs	14.16	15.48	11.38	12.69
Custom hire	0.61	0.17	0.56	1.62
Land rent	74.41	73.84	70.97	75.57
Operating interest	5.58	6.22	4.08	3.08
Miscellaneous	0.17	-	0.38	0.27
Total direct expenses per acre	179.14	187.88	168.04	174.19
Return over direct exp per acre	159.82	59.22	151.42	257.62
Overhead Expenses				
Custom hire	1.91	2.84	3.53	1.33
Hired labor	5.97	2.86	5.52	6.37
Machinery leases	1.81	1.04	3.31	0.48
Farm insurance	3.47	3.26	4.69	2.06
Utilities	2.32	2.65	2.40	1.71
Dues & professional fees	2.22	2.03	2.31	1.84
Interest	3.89	3.16	3.42	4.96
Mach & bldg depreciation	10.91	10.42	11.34	9.38
Miscellaneous	2.89	1.66	2.97	2.05
Total overhead expenses per acre	35.39	29.92	39.50	30.17
Total dir & ovhd expenses per acre	214.53	217.80	207.54	204.36
Net return per acre	124.43	29.30	111.92	227.45
Government payments	14.43	14.16	13.70	17.84
Net return with govt pmts	138.86	43.45	125.62	245.29
Labor & management charge	18.13	19.81	18.48	15.57
Net return over lbr & mgt	120.73	23.65	107.14	229.72
Cost of Production				
Total direct expense per bu.	4.84	6.31	4.58	4.24
Total dir & ovhd exp per bu.	5.80	7.32	5.66	4.97
Less govt & other income	5.29	6.76	5.33	4.35
With labor & management	5.78	7.42	5.83	4.73
Machinery cost per acre	45.34	46.02	45.00	41.02
Est. labor hours per acre	1.05	0.98	1.05	0.91