

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

Soybeans on Owned Land

	<u>Avg. Of All Farms</u>	<u>Low 20%</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of fields	41	8	8	9
Number of farms	39	7	8	8
Acres	219.67	120.82	174.38	359.72
Yield per acre (bu.)	37.75	30.98	35.45	40.86
Operators share of yield %	100.00	100.00	100.00	100.00
Value per bu.	9.26	7.68	9.10	9.86
Total product return per acre	349.48	238.04	322.52	402.98
Miscellaneous income per acre	-1.14	3.88	2.83	-7.19
Gross return per acre	348.33	241.92	325.34	395.79
Direct Expenses				
Seed	38.06	40.94	38.85	38.27
Fertilizer	4.51	6.53	0.96	3.07
Crop chemicals	13.59	12.70	15.01	15.04
Crop insurance	13.54	13.59	16.10	12.46
Fuel & oil	14.28	18.59	13.93	13.95
Repairs	17.20	21.05	14.99	18.06
Custom hire	0.37	-	0.92	0.36
Operating interest	5.70	4.31	8.67	4.30
Miscellaneous	0.28	-	-	0.74
Total direct expenses per acre	107.53	117.71	109.44	106.24
Return over direct exp per acre	240.81	124.21	215.91	289.55
Overhead Expenses				
Custom hire	1.24	0.78	1.73	0.77
Hired labor	7.11	1.99	7.72	7.09
Machinery leases	1.21	-	0.85	0.83
Building leases	0.19	0.33	0.89	0.02
RE & pers. property taxes	14.13	12.93	12.96	15.17
Farm insurance	4.35	4.14	6.47	4.28
Utilities	2.85	3.00	4.61	2.83
Dues & professional fees	1.84	2.61	3.37	1.48
Interest	40.77	58.28	50.28	20.20
Mach & bldg depreciation	12.30	12.53	12.36	13.32
Miscellaneous	3.81	2.60	4.08	3.06
Total overhead expenses per acre	89.80	99.20	105.32	69.06
Total dir & ovhd expenses per acre	197.33	216.92	214.76	175.31
Net return per acre	151.01	25.00	110.59	220.48
Government payments	13.62	14.85	14.82	13.32
Net return with govt pmnts	164.62	39.85	125.41	233.80
Labor & management charge	20.22	23.70	16.92	21.63
Net return over lbr & mgt	144.40	16.15	108.49	212.17
Cost of Production				
Total direct expense per bu.	2.85	3.80	3.09	2.60
Total dir & ovhd exp per bu.	5.23	7.00	6.06	4.29
Less govt & other income	4.90	6.40	5.56	4.14
With labor & management	5.43	7.16	6.04	4.67
Machinery cost per acre	49.63	55.96	51.31	47.33
Est. labor hours per acre	1.36	1.63	1.24	1.35