

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

Corn on Owned Land

	<u>Avg. Of All Farms</u>	<u>Low 20%</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of fields	26	5	5	6
Number of farms	26	5	5	6
Acres	201.10	87.92	119.22	282.78
Yield per acre (bu.)	154.85	152.67	149.84	164.91
Operators share of yield %	100.00	100.00	100.00	100.00
Value per bu.	3.67	3.22	3.47	3.98
Total product return per acre	567.79	491.10	520.17	655.85
Crop insurance per acre	2.38	-	5.59	0.54
Other crop income per acre	0.34	-	2.98	-
Gross return per acre	570.51	491.10	528.73	656.39
Direct Expenses				
Seed	62.91	72.18	67.15	64.36
Fertilizer	97.54	86.45	103.36	102.51
Crop chemicals	18.66	14.06	22.73	19.17
Crop insurance	34.24	34.48	33.09	35.72
Drying expense	43.24	52.25	36.64	40.97
Storage	0.07	0.84	-	-
Fuel & oil	29.29	35.93	32.06	20.20
Repairs	28.58	35.78	28.31	17.61
Custom hire	1.06	0.04	-	0.11
Hired labor	0.67	-	0.47	0.32
Machinery leases	1.08	0.34	4.55	-
Operating interest	16.09	8.62	12.86	23.95
Total direct expenses per acre	333.54	340.97	341.21	325.28
Return over direct exp per acre	236.97	150.13	187.52	331.11
Overhead Expenses				
Custom hire	2.58	1.57	1.24	1.27
Hired labor	11.02	13.60	5.11	6.19
Machinery leases	2.36	1.53	0.32	4.98
Building leases	0.73	0.33	4.75	-
RE & pers. property taxes	12.63	11.35	13.50	13.23
Farm insurance	4.60	5.71	3.90	4.76
Utilities	5.04	3.54	4.23	4.48
Dues & professional fees	2.53	3.32	4.09	2.74
Interest	37.89	51.28	40.39	30.60
Mach & bldg depreciation	24.70	31.76	18.38	25.35
Miscellaneous	3.59	5.30	2.89	2.14
Total overhead expenses per acre	107.66	129.29	98.79	95.73
Total dir & ovhd expenses per acre	441.21	470.26	440.00	421.01
Net return per acre	129.31	20.84	88.73	235.38
Government payments	14.16	15.47	16.08	12.70
Net return with govt pmts	143.47	36.31	104.81	248.08
Labor & management charge	35.43	46.31	38.60	30.78
Net return over lbr & mgt	108.04	-10.00	66.20	217.30
Cost of Production				
Total direct expense per bu.	2.15	2.23	2.28	1.97
Total dir & ovhd exp per bu.	2.85	3.08	2.94	2.55
Less govt & other income	2.74	2.98	2.77	2.47
With labor & management	2.97	3.28	3.03	2.66
Net value per unit	3.67	3.22	3.47	3.98
Machinery cost per acre	94.61	111.65	89.61	75.72
Est. labor hours per acre	1.95	2.68	1.57	1.54