

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

Corn on Cash Rent

	<u>Avg. Of All Farms</u>	<u>Low 20%</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of fields	45	7	8	12
Number of farms	39	7	8	8
Acres	462.09	517.57	598.50	576.68
Yield per acre (bu.)	139.23	126.63	137.70	152.05
Operators share of yield %	100.00	100.00	100.00	100.00
Value per bu.	3.85	3.27	3.86	4.09
Total product return per acre	535.87	414.68	532.19	622.61
Miscellaneous income per acre	1.47	6.36	-	-
Gross return per acre	537.35	421.05	532.19	622.61
Direct Expenses				
Seed	52.46	53.14	55.55	52.94
Fertilizer	66.29	62.95	68.77	70.13
Crop chemicals	16.91	19.86	12.23	21.17
Crop insurance	21.80	22.11	26.76	20.79
Drying fuel	6.05	9.17	4.28	7.26
Fuel & oil	24.33	28.27	22.15	23.67
Repairs	26.68	29.55	27.07	25.94
Custom hire	0.99	1.03	-	1.13
Hired labor	1.11	-	1.39	1.63
Land rent	74.42	74.85	75.16	73.37
Operating interest	9.53	6.97	11.62	6.33
Miscellaneous	0.87	-	0.98	0.65
Total direct expenses per acre	301.44	307.90	305.96	305.04
Return over direct exp per acre	235.91	113.15	226.22	317.57
Overhead Expenses				
Custom hire	1.72	1.51	0.71	1.23
Hired labor	11.77	10.13	15.47	10.27
Machinery leases	3.20	0.68	2.95	5.45
Building leases	0.52	0.15	0.15	0.27
Farm insurance	5.65	6.77	5.26	4.97
Utilities	4.27	5.14	4.24	2.78
Dues & professional fees	3.19	5.42	4.12	1.65
Interest	7.97	8.88	6.62	9.12
Mach & bldg depreciation	21.13	23.89	22.20	16.61
Miscellaneous	3.28	3.67	4.30	2.61
Total overhead expenses per acre	62.69	66.24	66.03	54.96
Total dir & ovhd expenses per acre	364.12	374.14	372.00	359.99
Net return per acre	173.22	46.91	160.19	262.61
Government payments	14.37	14.46	13.69	15.23
Net return with govt pmts	187.59	61.37	173.88	277.84
Labor & management charge	32.41	39.41	31.82	27.26
Net return over lbr & mgt	155.18	21.96	142.05	250.59
Cost of Production				
Total direct expense per bu.	2.17	2.43	2.22	2.01
Total dir & ovhd exp per bu.	2.62	2.95	2.70	2.37
Less govt & other income	2.50	2.79	2.60	2.27
With labor & management	2.73	3.10	2.83	2.45
Machinery cost per acre	84.37	92.14	79.93	81.79
Est. labor hours per acre	1.91	2.23	2.01	1.60