

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

Wheat, Spring on Cash Rent

	<u>Avg. Of All Farms</u>	<u>Low 20%</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of fields	87	24	14	19
Number of farms	71	14	14	15
Acres	372.10	205.38	342.80	478.93
Yield per acre (bu.)	46.19	35.36	49.96	52.28
Operators share of yield %	100.00	100.00	100.00	100.00
Value per bu.	6.65	5.46	6.07	7.99
Total product return per acre	306.99	193.07	303.09	417.57
Miscellaneous income per acre	11.06	23.98	-6.63	2.51
Gross return per acre	318.05	217.04	296.47	420.07
Direct Expenses				
Seed	15.71	18.39	15.93	15.96
Fertilizer	49.80	52.32	47.16	49.78
Crop chemicals	22.36	19.93	24.40	24.71
Crop insurance	12.06	13.46	11.98	10.97
Drying fuel	0.27	1.00	0.11	0.05
Fuel & oil	12.60	11.49	12.28	12.41
Repairs	14.00	13.97	15.48	11.69
Custom hire	1.69	2.78	2.39	0.94
Land rent	75.13	77.59	80.76	73.62
Operating interest	4.78	6.08	4.24	3.80
Miscellaneous	0.43	1.03	0.35	0.12
Total direct expenses per acre	208.83	218.06	215.08	204.05
Return over direct exp per acre	109.21	-1.01	81.39	216.03
Overhead Expenses				
Custom hire	2.00	0.74	0.36	2.32
Hired labor	6.24	4.35	10.42	4.88
Machinery leases	1.96	2.44	2.11	2.54
Farm insurance	4.03	8.73	2.73	3.79
Utilities	2.21	2.33	2.24	1.92
Dues & professional fees	2.34	2.63	2.59	2.00
Interest	3.52	2.84	3.83	2.78
Mach & bldg depreciation	11.26	11.03	9.85	10.58
Miscellaneous	3.12	3.53	3.22	3.57
Total overhead expenses per acre	36.68	38.62	37.35	34.39
Total dir & ovhd expenses per acre	245.52	256.68	252.43	238.43
Net return per acre	72.53	-39.63	44.04	181.64
Government payments	14.14	14.27	13.50	15.79
Net return with govt pmts	86.67	-25.37	57.53	197.43
Labor & management charge	18.66	18.61	17.08	18.63
Net return over lbr & mgt	68.01	-43.97	40.46	178.80
Cost of Production				
Total direct expense per bu.	4.52	6.17	4.31	3.90
Total dir & ovhd exp per bu.	5.32	7.26	5.05	4.56
Less govt & other income	4.77	6.18	4.92	4.21
With labor & management	5.17	6.70	5.26	4.57
Machinery cost per acre	46.35	44.65	45.71	42.44
Est. labor hours per acre	1.11	1.13	1.31	0.99