

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

Wheat, Spring on Owned Land

	<u>Avg. Of</u> <u>All Farms</u>	<u>Low 20%</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of fields	38	7	9	8
Number of farms	37	7	8	8
Acres	306.04	222.87	259.46	426.86
Yield per acre (bu.)	63.15	52.47	61.42	74.39
Operators share of yield %	100.00	100.00	100.00	100.00
Value per bu.	6.72	6.17	6.20	7.50
Total product return per acre	424.06	323.75	380.63	558.21
Hedging gains/losses per acre	-1.19	-8.90	-	-
Crop insurance per acre	1.10	4.26	1.89	0.30
Other crop income per acre	0.06	-	-	-
Gross return per acre	424.02	319.10	382.52	558.51
Direct Expenses				
Seed	28.33	27.02	29.38	29.57
Fertilizer	64.54	71.29	61.39	69.13
Crop chemicals	25.01	27.46	19.24	28.89
Crop insurance	23.11	28.79	24.62	21.36
Fuel & oil	20.05	19.32	15.63	21.89
Repairs	19.09	18.23	18.55	21.15
Custom hire	1.82	4.53	2.34	1.08
Machinery leases	0.08	0.57	-	-
Marketing	0.33	-	1.63	-
Operating interest	6.61	4.12	7.05	9.13
Miscellaneous	0.43	2.39	0.09	0.14
Total direct expenses per acre	189.40	203.73	179.92	202.35
Return over direct exp per acre	234.63	115.36	202.60	356.17
Overhead Expenses				
Custom hire	1.81	0.16	0.68	2.97
Hired labor	8.68	8.41	11.72	6.42
Machinery leases	2.92	0.28	0.41	5.83
RE & pers. property taxes	12.68	19.73	9.74	13.86
Farm insurance	5.00	6.12	4.84	5.22
Utilities	3.17	3.60	3.88	3.27
Dues & professional fees	2.88	3.81	2.22	3.15
Interest	32.40	37.47	39.81	29.26
Mach & bldg depreciation	15.87	17.31	15.20	18.60
Miscellaneous	4.19	5.80	4.04	3.28
Total overhead expenses per acre	89.62	102.68	92.54	91.87
Total dir & ovhd expenses per acre	279.02	306.41	272.47	294.22
Net return per acre	145.01	12.69	110.05	264.29
Government payments	13.68	12.49	13.38	15.03
Net return with govt pmts	158.68	25.17	123.43	279.32
Labor & management charge	20.74	21.60	20.70	23.09
Net return over lbr & mgt	137.94	3.57	102.74	256.23
Cost of Production				
Total direct expense per bu.	3.00	3.88	2.93	2.72
Total dir & ovhd exp per bu.	4.42	5.84	4.44	3.95
Less govt & other income	4.20	5.69	4.19	3.75
With labor & management	4.53	6.10	4.52	4.06
Net value per unit	6.70	6.00	6.20	7.50
Machinery cost per acre	64.45	61.06	56.76	76.06
Est. labor hours per acre	1.29	1.48	1.57	1.14