

**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	74	11	21	15
Number of farms	59	11	12	12
Acres	385.08	444.89	266.39	460.67
Yield per acre (bu.)	62.22	47.04	62.92	69.90
Operators share of yield %	100.00	100.00	100.00	100.00
Value per bu.	6.86	6.82	6.78	7.18
Total product return per acre	427.09	320.89	426.79	501.86
Hedging gains/losses per acre	-2.85	-	-5.84	-0.73
Crop insurance per acre	2.87	13.62	1.52	0.65
Other crop income per acre	0.05	0.21	-	-
Gross return per acre	427.15	334.72	422.47	501.79
<b>Direct Expenses</b>				
Seed	29.11	24.18	27.47	26.36
Fertilizer	72.69	83.41	68.51	73.15
Crop chemicals	27.67	26.13	29.67	27.54
Crop insurance	25.88	27.04	24.27	22.41
Drying expense	0.33	0.07	0.72	0.62
Fuel & oil	18.75	18.92	19.05	17.30
Repairs	18.65	21.65	18.37	15.11
Custom hire	2.34	1.15	3.48	1.04
Land rent	79.65	86.71	82.38	73.35
Machinery leases	0.41	0.73	-	1.17
Operating interest	5.01	4.76	8.13	3.07
Miscellaneous	0.63	-	0.84	-
Total direct expenses per acre	281.11	294.75	282.90	261.13
Return over direct exp per acre	146.04	39.97	139.57	240.66
<b>Overhead Expenses</b>				
Custom hire	2.39	0.86	0.72	3.34
Hired labor	7.37	3.11	8.89	5.42
Machinery leases	1.82	1.13	3.41	0.65
Building leases	0.42	1.77	-	0.04
Farm insurance	4.75	4.30	6.57	2.59
Utilities	3.02	3.80	2.94	2.15
Dues & professional fees	3.05	2.07	2.38	2.19
Interest	3.87	4.88	3.48	2.49
Mach & bldg depreciation	13.13	11.60	12.61	12.28
Miscellaneous	4.00	5.84	4.24	2.24
Total overhead expenses per acre	43.82	39.36	45.26	33.38
Total dir & ovhd expenses per acre	324.93	334.11	328.16	294.51
Net return per acre	102.22	0.61	94.31	207.28
Government payments	14.63	13.58	15.02	16.30
Net return with govt pmts	116.84	14.19	109.34	223.58
Labor & management charge	22.39	23.79	23.23	20.86
Net return over lbr & mgt	94.46	-9.60	86.11	202.72
<b>Cost of Production</b>				
Total direct expense per bu.	4.52	6.27	4.50	3.74
Total dir & ovhd exp per bu.	5.22	7.10	5.22	4.21
Less govt & other income	4.99	6.52	5.05	3.98
With labor & management	5.35	7.03	5.41	4.28
Net value per unit	6.82	6.82	6.69	7.17
Machinery cost per acre	60.38	59.82	60.22	52.65
Est. labor hours per acre	1.20	1.06	1.31	1.01