

Minnesota State Colleges and Universities

State Farm Business Management Program Database

Crop Financial Sorts - 2007

Financial Summary
Financial Standards Measures
Crop Production and Marketing Summary
Enterprise Information

Location of the Regional Program Center:

Minnesota Region:

Central Lakes Community and Technical College	Northeast and East Central
Minnesota West Community and Technical College	Southwestern
Northland Community and Technical College	Northwestern & Red River Valley
Ridgewater Community and Technical College	Central and West Central
Riverland Community and Technical College	Southeastern
South Central College	South Central

April, 2008



A MEMBER OF THE MINNESOTA STATE COLLEGES
AND UNIVERSITIES SYSTEM

In cooperation with the Center for Farm Financial Management University of Minnesota

For more information, contact Dr. Richard Joerger at richard.joerger@so.mnscu.edu

For more Information go to
Farm Management Program Website: www.mgt.org

Financial Summary

Statewide Database Special Sorts for Crops

Farm Business Management Combined Database

(Farms Sorted By Gross Farm Income)

	Avg. Of All Farms	50,001 - 100,000	100,001 - 250,000	250,001 - 500,000	500,001 - 1,000,000	Over 1,000,000
Number of farms	1195	66	241	389	325	139
Income Statement						
Gross cash farm income	526,418	76,982	172,585	363,475	695,991	1,536,156
Total cash farm expense	438,011	65,229	138,816	297,659	576,100	1,305,045
Net cash farm income	88,407	11,753	33,769	65,816	119,891	231,111
Inventory change	123,368	18,945	42,472	87,717	167,256	337,422
Depreciation and capital adjust	-27,526	-4,683	-10,459	-20,313	-36,366	-73,568
Average net farm income	184,249	26,016	65,781	133,219	250,782	494,965
Median net farm income	131,442	24,422	57,749	121,721	237,188	433,066
Profitability (cost)						
Labor and management earnings	149,560	18,044	51,933	107,429	204,993	405,362
Rate of return on assets	16.50%	8.70%	13.20%	15.60%	17.30%	17.70%
Rate of return on equity	25.50%	11.10%	20.40%	24.20%	26.90%	27.10%
Operating profit margin	28.80%	22.00%	29.10%	29.60%	29.90%	27.30%
Asset turnover rate	57.10%	39.70%	45.50%	52.50%	57.90%	64.80%
Liquidity						
Ending current ratio	1.87	2.55	2	1.8	1.88	1.87
Ending working capital	219,470	42,123	81,378	145,944	295,146	620,341
End working capital to gross inc	41.70%	54.70%	47.20%	40.20%	42.40%	40.40%
Term debt coverage ratio	322.00%	261.80%	273.10%	295.30%	332.10%	355.20%
Expense as a percent of income	66.60%	67.70%	64.10%	65.30%	65.80%	68.80%
Interest as a percent of income	5.50%	6.70%	7.20%	6.20%	5.30%	4.90%
Solvency (cost)						
Number of farms	1,195	66	241	389	325	139
Ending farm assets	1,223,293	260,858	503,416	917,473	1,602,057	3,148,966
Ending farm liabilities	573,069	117,253	247,984	439,408	740,304	1,452,707
Ending total assets	1,391,102	421,024	655,412	1,085,625	1,783,044	3,331,482
Ending total liabilities	619,219	168,313	287,083	478,784	789,867	1,516,590
Ending net worth	771,883	252,711	368,329	606,841	993,178	1,814,892
Net worth change	162,446	34,831	69,844	120,679	214,285	412,433
Ending farm debt to asset ratio	47%	45%	49%	48%	46%	46%
Beg total debt to asset ratio	48%	40%	48%	48%	48%	50%
End total debt to asset ratio	45%	40%	44%	44%	44%	46%
Solvency (market)						
Number of farms	1,195	66	241	389	325	139
Ending farm assets	1,601,816	404,697	719,410	1,253,786	2,055,659	3,943,598
Ending farm liabilities	753,802	156,069	320,486	578,193	980,618	1,908,266
Ending total assets	1,805,842	601,232	902,322	1,459,124	2,275,286	4,167,201
Ending total liabilities	808,109	214,405	365,431	626,638	1,038,994	1,981,918
Ending net worth	997,733	386,827	536,892	832,486	1,236,292	2,185,283
Net worth change	168,571	35,977	79,258	131,836	212,075	420,257
Ending farm debt to asset ratio	47%	39%	45%	46%	48%	48%
Beg total debt to asset ratio	47%	35%	43%	45%	47%	50%
End total debt to asset ratio	45%	36%	40%	43%	46%	48%
Nonfarm Information						
Net nonfarm income	28,653	43,243	35,733	29,928	23,010	15,185
Farms reporting living expenses	480	28	115	169	116	43
Total family living expense	46,938	33,598	40,590	45,331	56,013	58,347
Total living, invest, & capital	69,828	57,315	47,218	70,141	84,738	103,956
Crop Acres						
Total acres owned	309	125	211	265	397	542
Total crop acres	1,136	214	445	839	1,525	2,954
Total crop acres owned	270	95	161	234	357	494
Total crop acres cash rented	832	103	242	582	1,123	2,413
Total crop acres share rented	35	16	42	23	45	48

Financial Summary

Statewide Database Special Sorts for Crops

Farm Business Management Combined Database

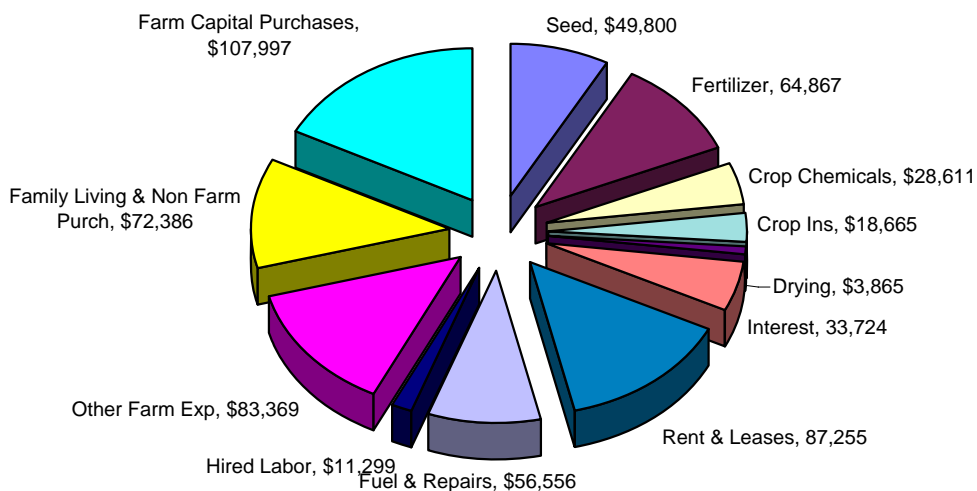
(Farms Sorted By Total Crop Acres)

	Avg. Of All Farms	Less than 100	101 - 250	251 - 500	501 - 1,000	1,001 - 1,500	1,501 - 2,000	2,001 - 5,000	5,001 - 10,000
Number of farms	1195	30	95	189	374	229	97	172	9
Income Statement									
Gross cash farm income	526,418	67,929	97,171	190,809	369,652	579,888	825,084	1,200,016	2,695,305
Total cash farm expense	438,011	48,328	79,823	148,927	299,026	479,104	702,443	1,022,855	2,291,547
Net cash farm income	88,407	19,601	17,348	41,882	70,625	100,784	122,640	177,161	403,758
Inventory change	123,368	-3,515	16,351	39,201	79,150	138,747	189,009	308,722	639,917
Depreciation and capital adjust	-27,526	-2,051	-8,244	-11,229	-20,644	-30,675	-46,591	-56,454	-105,774
Average net farm income	184,249	14,034	25,455	69,853	129,131	208,855	265,058	429,429	937,902
Median net farm income	131,442	10,140	25,189	64,626	121,418	199,985	245,365	377,019	679,981
Profitability (cost)									
Labor and management earnings	149,560	4,707	16,275	55,616	103,959	167,940	215,799	357,026	760,522
Rate of return on assets	16.50%	5.30%	7.30%	14.10%	15.30%	16.20%	16.30%	19.00%	17.80%
Rate of return on equity	25.50%	4.60%	8.60%	21.60%	23.80%	24.80%	25.90%	29.30%	27.70%
Operating profit margin	28.80%	21.50%	19.60%	29.60%	29.00%	29.70%	27.40%	28.90%	30.40%
Asset turnover rate	57.10%	24.80%	37.20%	47.50%	52.80%	54.50%	59.50%	65.90%	58.50%
Liquidity									
Ending current ratio	1.87	2.99	2.27	1.95	1.82	1.89	1.76	1.92	1.8
Ending working capital	219,470	32,655	46,974	81,128	146,905	257,048	307,918	513,082	1,062,963
End working capital to gross inc	41.70%	48.10%	48.30%	42.50%	39.70%	44.30%	37.30%	42.80%	39.40%
Term debt coverage ratio	322.00%	204.60%	225.50%	285.20%	289.00%	319.60%	297.60%	373.10%	447.20%
Expense as a percent of income	66.60%	74.70%	69.90%	64.00%	65.90%	65.90%	68.40%	67.00%	67.50%
Interest as a percent of income	5.50%	10.90%	7.90%	6.80%	6.30%	5.50%	5.60%	4.70%	4.80%
Solvency (cost)									
Number of farms	1,195	30	95	189	374	229	97	172	9
Ending farm assets	1,223,293	276,525	323,469	508,483	905,576	1,420,101	1,815,439	2,511,407	6,084,266
Ending farm liabilities	573,069	114,711	162,442	244,335	441,706	652,153	891,456	1,128,230	2,744,045
Ending total assets	1,391,102	457,616	493,652	652,241	1,074,545	1,606,548	1,990,711	2,675,466	6,156,627
Ending total liabilities	619,219	146,962	218,648	289,113	480,915	700,254	940,620	1,181,119	2,836,751
Ending net worth	771,883	310,654	275,004	363,128	593,630	906,294	1,050,091	1,494,347	3,319,876
Net worth change	162,446	26,455	39,286	69,802	113,965	187,978	226,369	361,531	732,557
Ending farm debt to asset ratio	47%	41%	50%	48%	49%	46%	49%	45%	45%
Beg total debt to asset ratio	48%	32%	45%	49%	48%	47%	52%	49%	49%
End total debt to asset ratio	45%	32%	44%	44%	45%	44%	47%	44%	46%
Solvency (market)									
Number of farms	1,195	30	95	189	374	229	97	172	9
Ending farm assets	1,601,816	452,411	504,808	757,221	1,253,304	1,831,191	2,302,421	3,052,292	8,124,300
Ending farm liabilities	753,802	149,047	211,231	322,435	585,439	863,847	1,153,495	1,485,433	3,461,841
Ending total assets	1,805,842	659,646	712,254	936,375	1,458,109	2,061,323	2,509,106	3,250,077	8,197,862
Ending total liabilities	808,109	185,060	275,022	374,653	633,212	922,368	1,208,998	1,545,894	3,554,700
Ending net worth	997,733	474,586	437,232	561,721	824,897	1,138,955	1,300,108	1,704,183	4,643,161
Net worth change	168,571	25,231	50,798	78,247	127,498	181,816	224,732	364,359	809,091
Ending farm debt to asset ratio	47%	33%	42%	43%	47%	47%	50%	49%	43%
Beg total debt to asset ratio	47%	28%	38%	42%	45%	46%	50%	50%	45%
End total debt to asset ratio	45%	28%	39%	40%	43%	45%	48%	48%	43%
Nonfarm Information									
Net nonfarm income	28,653	48,261	45,099	36,904	30,730	23,197	17,237	15,502	43,307
Farms reporting living expenses	480	14	45	90	167	86	44	32	2
Total family living expense	46,938	38,204	36,087	41,873	47,310	48,046	61,933	53,242	-
Total living, invest, & capital	69,828	49,383	57,244	55,764	67,997	75,048	90,726	105,947	-
Crop Acres									
Total acres owned	309	137	121	172	235	350	462	558	1,405
Total crop acres	1,136	63	184	383	741	1,235	1,711	2,828	6,011
Total crop acres owned	270	43	92	138	204	304	401	549	814
Total crop acres cash rented	832	19	91	219	500	898	1,288	2,202	5,198
Total crop acres share rented	35	-	1	25	36	33	23	77	-

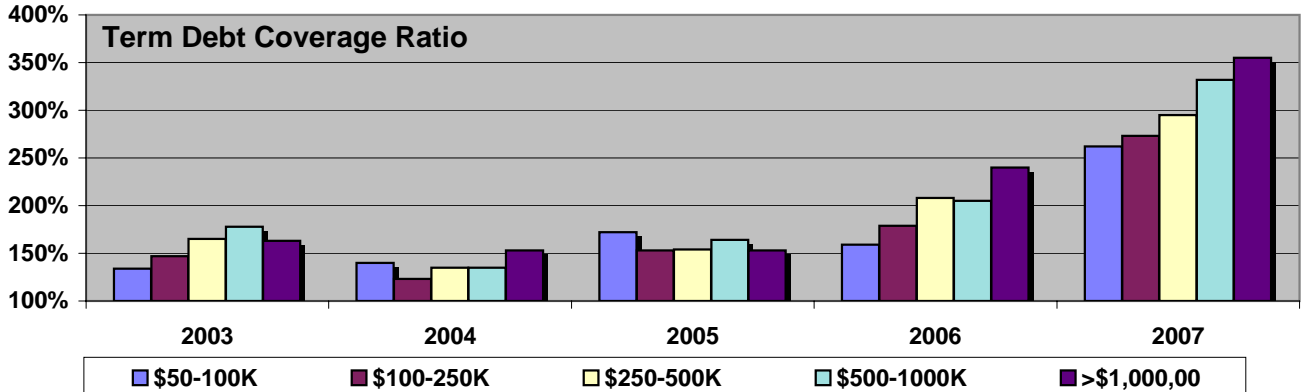
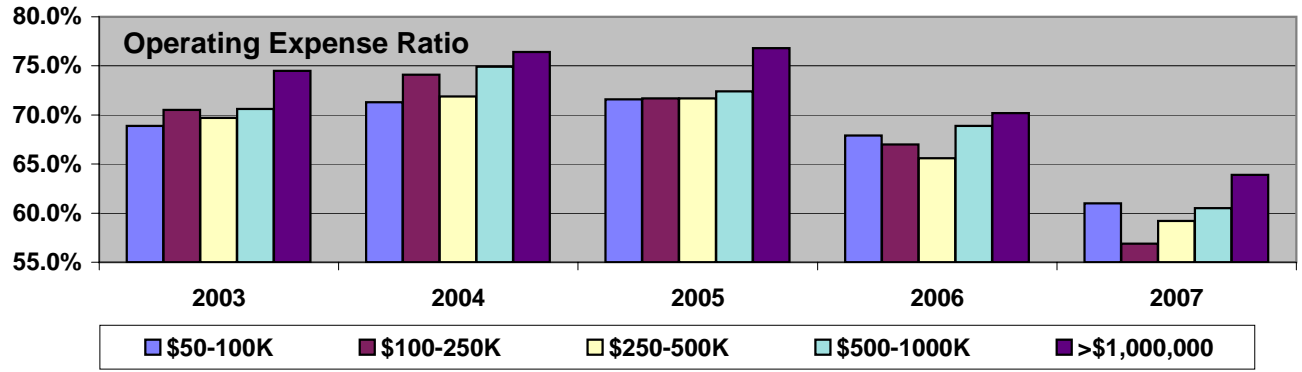
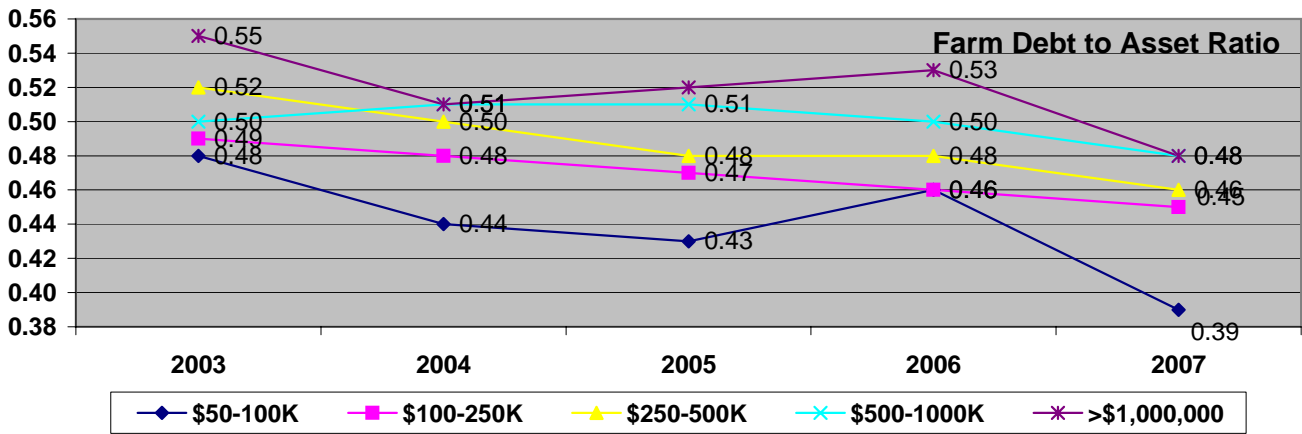
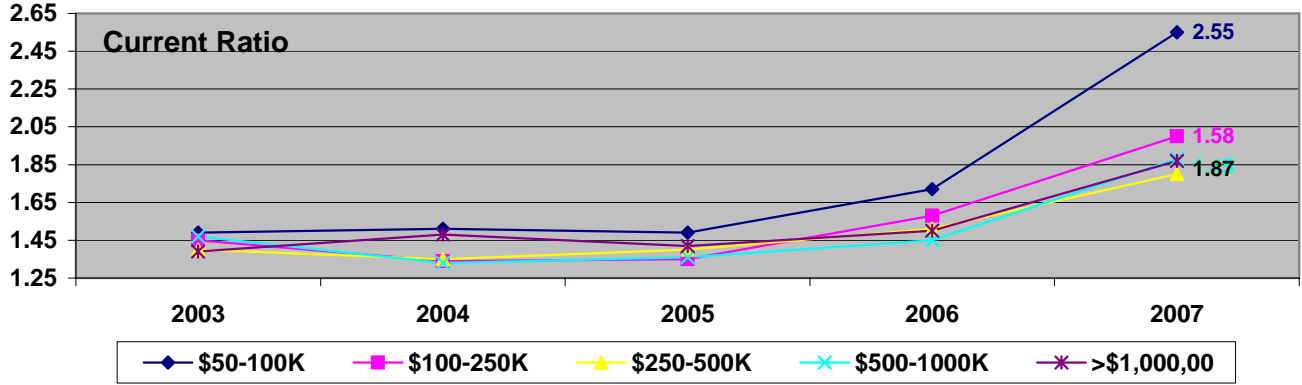
Financial Standards Measures
Statewide Database Special Sorts for Crops
Farm Business Management Combined Database
(Farms Sorted By Gross Farm Income)

	Avg. Of All Farms	50,001 - 100,000	100,001 - 250,000	250,001 - 500,000	500,001 - 1,000,000	Over 1,000,000
Number of farms	1195	66	241	389	325	139
Liquidity						
Current ratio	1.87	2.55	2	1.8	1.88	1.87
Working capital	219,470	42,123	81,378	145,944	295,146	620,341
Solvency (market)						
Farm debt to asset ratio	47%	39%	45%	46%	48%	48%
Farm equity to asset ratio	53%	61%	55%	54%	52%	52%
Farm debt to equity ratio	89%	63%	80%	86%	91%	94%
Profitability (cost)						
Rate of return on farm assets	16.50%	8.70%	13.20%	15.60%	17.30%	17.70%
Rate of return on farm equity	25.50%	11.10%	20.40%	24.20%	26.90%	27.10%
Operating profit margin	28.80%	22.00%	29.10%	29.60%	29.90%	27.30%
Net farm income	184,249	26,016	65,781	133,219	250,782	494,965
Repayment Capacity						
Term debt coverage ratio	322%	262%	273%	295%	332%	355%
Capital replacement margin	136,424	25,194	49,029	95,432	183,605	374,881
Efficiency						
Asset turnover rate (cost)	57.10%	39.70%	45.50%	52.50%	57.90%	64.80%
Operating expense ratio	61.10%	61.00%	56.90%	59.20%	60.50%	63.90%
Depreciation expense ratio	4.30%	4.90%	4.90%	4.60%	4.30%	4.00%
Interest expense ratio	5.50%	6.70%	7.20%	6.20%	5.30%	4.90%
Net farm income ratio	29.10%	27.40%	31.00%	30.10%	29.90%	27.20%

Average Dollars Spent by a Crop Farm totals \$618,394 in 2007



Financial Summary
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Farm Business Management Combined Database



Financial Summary

Statewide Database Special Sorts for Crops

Farm Business Management Combined Database

