

Minnesota State Colleges and Universities

State Farm Business Management Program Database

Crop Financial Sorts - 2006

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



A MEMBER OF THE MINNESOTA STATE COLLEGES
AND UNIVERSITIES SYSTEM

April, 2007



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

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	1042	79	245	365	225	87
Income Statement						
Gross cash farm income	441,182	74,393	179,510	358,484	686,486	1,417,451
Total cash farm expense	376,340	69,885	158,637	302,367	577,873	1,218,723
Net cash farm income	64,842	4,508	20,873	56,117	108,613	198,727
Inventory change	65,171	14,709	32,956	60,241	88,036	191,851
Depreciation and capital adjust	-24,713	-5,516	-12,056	-22,109	-36,986	-67,292
Net farm income	105,299	13,701	41,773	94,250	159,662	323,286
Profitability (cost)						
Labor and management earnings	76,215	6,048	26,255	69,822	115,499	244,285
Rate of return on assets	10.60%	4.40%	7.40%	10.90%	10.90%	12.50%
Rate of return on equity	14.80%	2.00%	8.50%	15.70%	15.20%	18.30%
Operating profit margin	20.40%	13.70%	17.80%	21.70%	20.30%	20.60%
Asset turnover rate	51.90%	32.30%	41.20%	50.30%	53.40%	60.60%
Liquidity						
Ending current ratio	1.49	1.72	1.58	1.51	1.45	1.5
Ending working capital	121,504	30,940	61,847	103,441	170,918	371,884
End working capital to gross inc	27.50%	41.60%	34.50%	28.90%	24.90%	26.20%
Term debt coverage ratio	208.10%	158.90%	179.10%	208.00%	205.30%	239.70%
Expense as a percent of income	74.40%	78.80%	74.60%	72.20%	74.80%	75.80%
Interest as a percent of income	6.30%	10.90%	7.60%	6.60%	6.00%	5.50%
Solvency (cost)						
Number of farms	1,042	79	245	365	225	87
Ending farm assets	1,062,199	303,584	546,344	900,096	1,590,799	2,935,100
Ending farm liabilities	545,362	172,887	277,748	466,512	805,160	1,503,969
Ending total assets	1,230,148	433,213	731,019	1,046,531	1,779,700	3,138,770
Ending total liabilities	587,342	211,830	317,438	500,615	860,255	1,550,538
Ending net worth	642,806	221,383	413,581	545,917	919,445	1,588,232
Net worth change	87,384	33,016	48,102	76,279	116,394	254,173
Ending farm debt to asset ratio	51%	57%	51%	52%	51%	51%
Beg total debt to asset ratio	49%	49%	45%	49%	49%	51%
End total debt to asset ratio	48%	49%	43%	48%	48%	49%
Solvency (market)						
Number of farms	1,042	79	245	365	225	87
Ending farm assets	1,402,667	457,240	780,543	1,237,176	2,047,716	3,579,118
Ending farm liabilities	691,570	211,730	358,221	597,296	1,018,763	1,883,387
Ending total assets	1,603,258	606,923	998,927	1,412,769	2,280,916	3,811,551
Ending total liabilities	741,035	254,061	406,245	637,912	1,084,335	1,936,755
Ending net worth	862,224	352,862	592,682	774,857	1,196,581	1,874,796
Net worth change	102,320	39,319	56,306	91,019	137,840	282,036
Ending farm debt to asset ratio	49%	46%	46%	48%	50%	53%
Beg total debt to asset ratio	47%	41%	41%	46%	48%	52%
End total debt to asset ratio	46%	42%	41%	45%	48%	51%
Nonfarm Information						
Net nonfarm income	28,648	40,012	37,479	27,998	19,068	14,354
Farms reporting living expenses	430	35	120	149	91	22
Total family living expense	43,288	32,481	37,325	45,524	48,787	61,896
Total living, invest, & capital	65,564	50,884	52,837	63,378	85,911	102,878
Crop Acres						
Total acres owned	314	158	237	298	441	511
Total crop acres	1,159	257	563	1,006	1,754	3,239
Total crop acres owned	281	128	188	283	391	492
Total crop acres cash rented	842	123	331	690	1,323	2,696
Total crop acres share rented	35	5	44	33	40	51

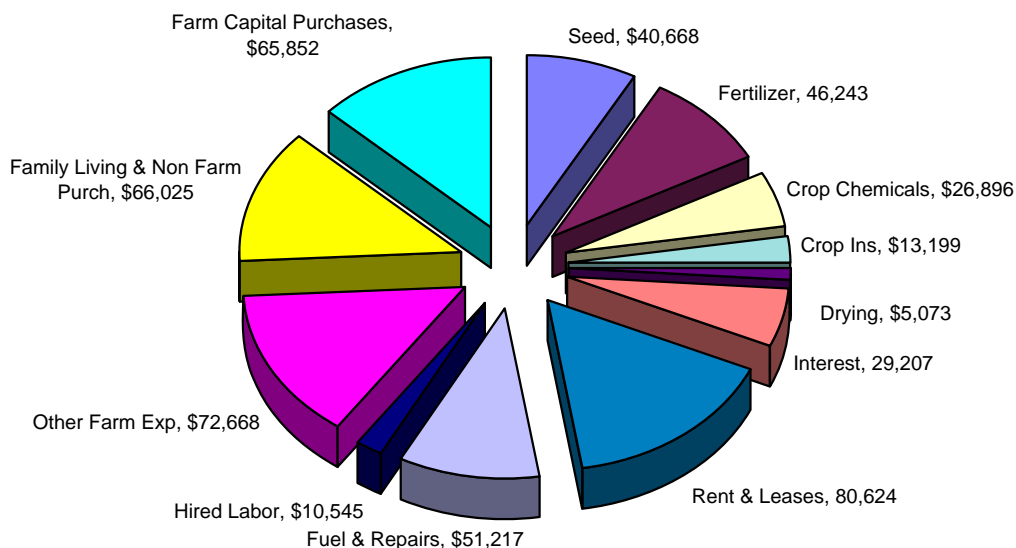
Financial Summary
Statewide Database Special Sorts for Crops
Farm Business Management Combined Database
(Farms Sorted By Total Crop Acres)

	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	1042	30	72	144	337	204	98	150	7
Income Statement									
Gross cash farm income	441,182	86,577	70,492	158,146	298,679	474,657	659,730	1,014,843	2,128,737
Total cash farm expense	376,340	77,842	60,936	135,224	251,830	397,223	567,845	874,556	1,888,425
Net cash farm income	64,842	8,736	9,556	22,922	46,849	77,433	91,885	140,287	240,312
Inventory change	65,171	8,106	6,651	18,484	43,095	77,364	97,827	157,452	144,865
Depreciation and capital adjust	-24,713	-5,819	-5,099	-10,055	-17,382	-30,053	-36,984	-49,139	-111,138
Net farm income	105,299	11,023	11,108	31,351	72,562	124,744	152,727	248,600	274,040
Profitability (cost)									
Labor and management earnings	76,215	1,931	2,373	20,617	52,436	90,524	112,104	185,002	192,084
Rate of return on assets	10.60%	4.00%	3.60%	7.00%	9.90%	11.10%	11.00%	12.10%	8.80%
Rate of return on equity	14.80%	0.80%	1.30%	7.90%	13.50%	15.50%	16.20%	17.20%	11.70%
Operating profit margin	20.40%	14.90%	12.10%	16.40%	20.10%	22.40%	20.40%	20.90%	13.00%
Asset turnover rate	51.90%	26.80%	29.80%	42.50%	49.40%	49.30%	54.00%	57.70%	67.50%
Profitability (market)									
Labor and management earnings	76,346	-8,280	3,461	16,068	54,379	89,782	108,844	197,109	52,001
Rate of return on assets	8.80%	2.60%	4.10%	5.30%	8.20%	9.10%	9.10%	10.80%	4.20%
Rate of return on equity	12.30%	0.60%	3.60%	5.40%	11.00%	12.90%	13.20%	16.20%	2.00%
Operating profit margin	22.60%	15.60%	21.00%	19.00%	24.00%	24.40%	21.60%	23.00%	7.20%
Asset turnover rate	39.00%	16.50%	19.60%	27.70%	34.20%	37.50%	42.00%	46.80%	58.80%
Liquidity									
Ending current ratio	1.49	0.94	1.95	1.49	1.49	1.59	1.31	1.55	1.25
Ending working capital	121,504	-3,913	29,335	42,715	82,059	154,845	126,537	298,396	294,210
End working capital to gross inc	27.50%	-4.50%	41.60%	27.00%	27.50%	32.60%	19.20%	29.40%	13.80%
Term debt coverage ratio	208.10%	141.40%	189.20%	153.70%	196.00%	217.60%	196.80%	232.60%	259.00%
Expense as a percent of income	74.40%	83.20%	79.00%	76.10%	73.70%	72.10%	75.10%	74.80%	82.70%
Interest as a percent of income	6.30%	13.40%	9.60%	8.50%	7.00%	6.40%	6.10%	5.40%	5.80%
Solvency (cost)									
Number of farms	1,042	30	72	144	337	204	98	150	7
Ending farm assets	1,062,199	398,094	270,436	436,458	745,031	1,220,413	1,543,740	2,244,851	3,498,983
Ending farm liabilities	545,362	241,830	126,063	248,308	392,121	610,651	822,968	1,097,086	2,035,370
Ending total assets	1,230,148	586,808	434,171	581,426	905,395	1,401,028	1,728,653	2,424,619	3,599,352
Ending total liabilities	587,342	291,384	169,246	295,140	423,777	656,060	876,106	1,145,518	2,035,370
Ending net worth	642,806	295,424	264,925	286,286	481,618	744,968	852,546	1,279,101	1,563,982
Net worth change	87,384	19,701	26,613	43,443	60,241	100,755	114,658	192,076	198,275
Ending farm debt to asset ratio	51%	61%	47%	57%	53%	50%	53%	49%	58%
Beg total debt to asset ratio	49%	48%	39%	53%	48%	48%	52%	49%	60%
End total debt to asset ratio	48%	50%	39%	51%	47%	47%	51%	47%	57%
Solvency (market)									
Number of farms	1,042	30	72	144	337	204	98	150	7
Ending farm assets	1,402,667	631,062	410,053	659,008	1,064,702	1,592,437	1,965,161	2,761,608	3,962,439
Ending farm liabilities	691,570	291,533	159,930	312,698	511,212	776,468	1,016,933	1,384,865	2,465,628
Ending total assets	1,603,258	843,485	602,139	839,442	1,257,139	1,806,396	2,190,694	2,971,866	4,061,252
Ending total liabilities	741,035	344,239	208,233	367,066	550,871	829,916	1,079,430	1,439,950	2,465,391
Ending net worth	862,224	499,246	393,906	472,376	706,268	976,480	1,111,263	1,531,916	1,595,861
Net worth change	102,320	26,805	37,669	49,891	76,357	116,520	131,873	220,085	68,286
Ending farm debt to asset ratio	49%	46%	39%	47%	48%	49%	52%	50%	62%
Beg total debt to asset ratio	47%	39%	35%	45%	44%	46%	49%	49%	61%
End total debt to asset ratio	46%	41%	35%	44%	44%	46%	49%	48%	61%
Nonfarm Information									
Net nonfarm income	28,648	54,223	43,645	38,500	30,482	24,543	18,645	13,435	59,449
Farms reporting living expenses	430	15	41	67	158	78	35	35	1
Total family living expense	43,288	46,182	30,606	40,234	41,992	46,497	54,168	49,398	-
Total living, invest, & capital	65,564	71,921	50,064	49,655	59,277	86,021	77,452	81,721	-
Crop Acres									
Total acres owned	314	154	131	159	225	372	436	604	765
Total crop acres	1,159	49	182	379	739	1,229	1,744	2,828	6,172
Total crop acres owned	281	28	104	131	204	321	404	587	541
Total crop acres cash rented	842	21	76	218	499	873	1,310	2,173	5,576
Total crop acres share rented	35	-	2	30	35	35	29	68	55

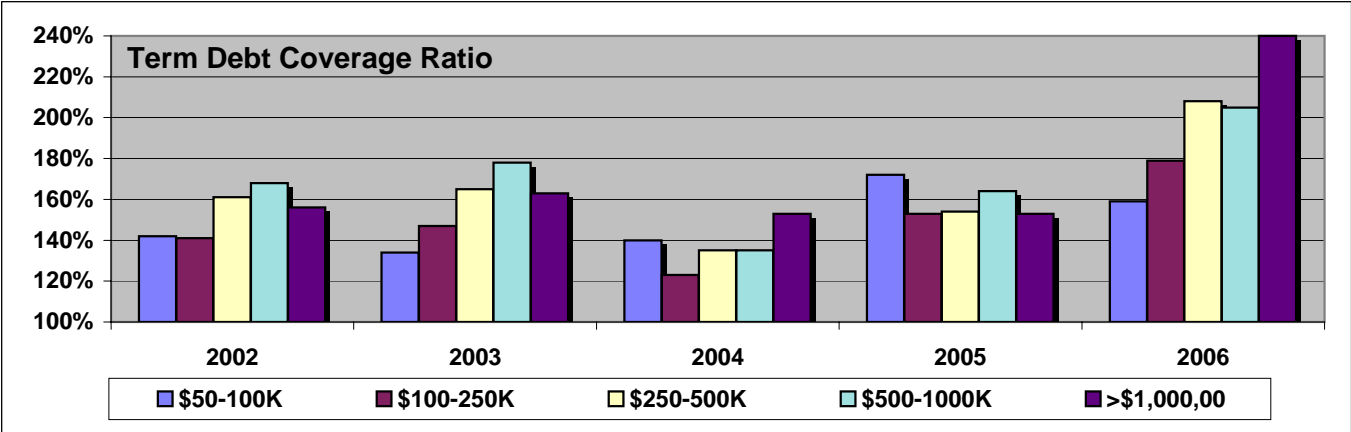
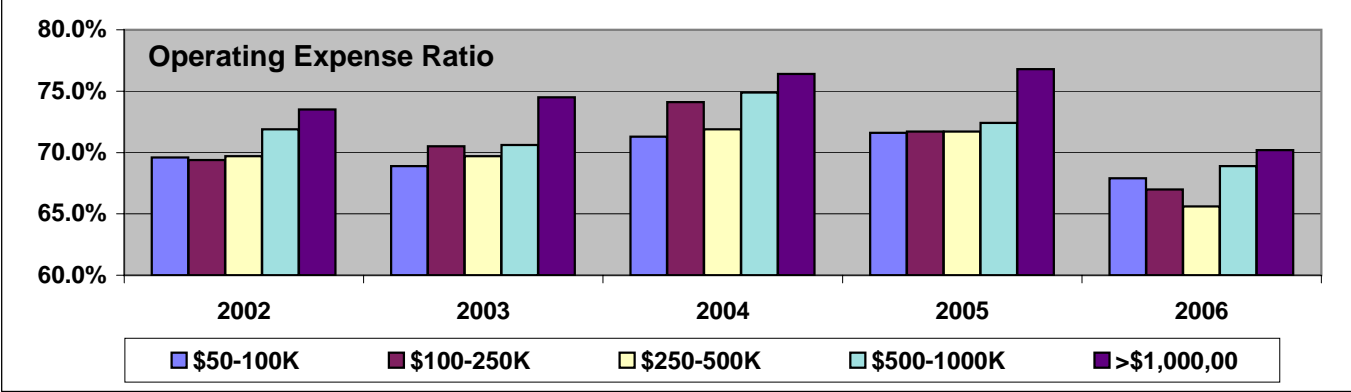
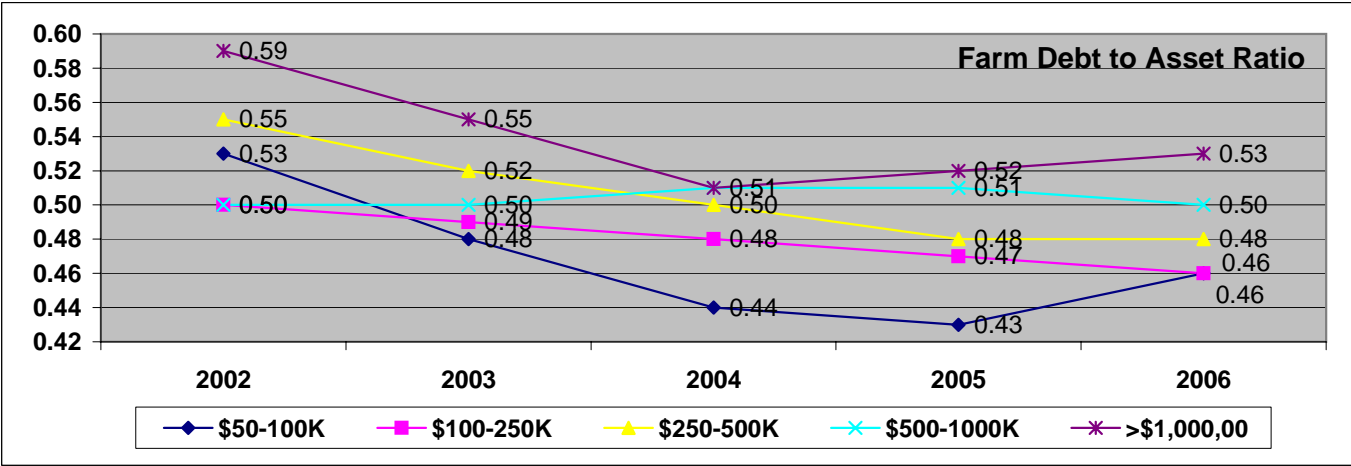
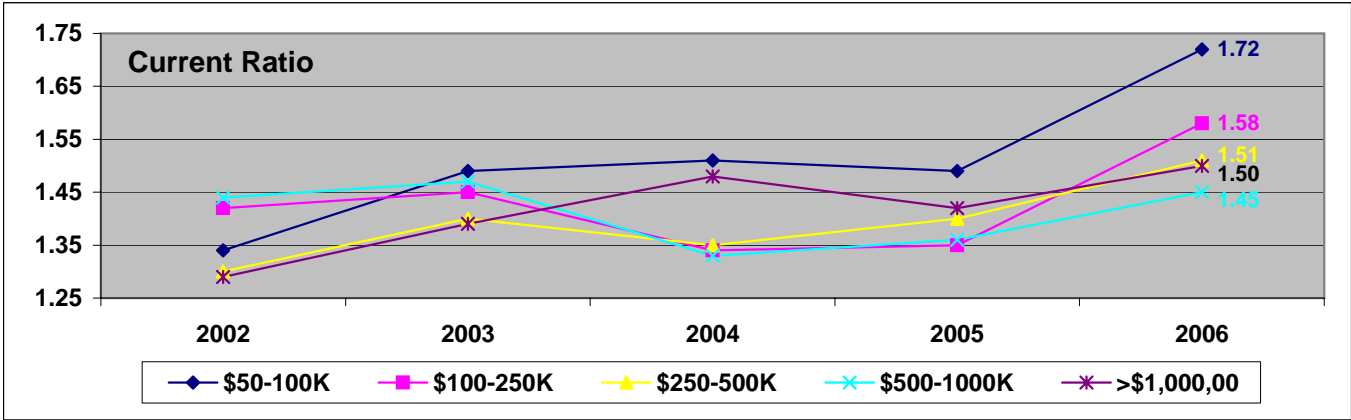
Financial Standards Measures
Statewide Database Special Sorts for Crops
Farm Business Management Combined Database
(Farms Sorted By Gross Farm Income)

	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	1042	79	245	365	225	87
Liquidity						
Current ratio	1.49	1.72	1.58	1.51	1.45	1.5
Working capital	121,504	30,940	61,847	103,441	170,918	371,884
Solvency (market)						
Farm debt to asset ratio	49%	46%	46%	48%	50%	53%
Farm equity to asset ratio	51%	54%	54%	52%	50%	47%
Farm debt to equity ratio	97%	86%	85%	93%	99%	111%
Profitability (cost)						
Rate of return on farm assets	10.60%	4.40%	7.40%	10.90%	10.90%	12.50%
Rate of return on farm equity	14.80%	2.00%	8.50%	15.70%	15.20%	18.30%
Operating profit margin	20.40%	13.70%	17.80%	21.70%	20.30%	20.60%
Net farm income	105,299	13,701	41,773	94,250	159,662	323,286
Repayment Capacity						
Term debt coverage ratio	208%	159%	179%	208%	205%	240%
Capital replacement margin	62,592	11,491	25,105	54,043	90,269	206,767
Efficiency						
Asset turnover rate (cost)	51.90%	32.30%	41.20%	50.30%	53.40%	60.60%
Operating expense ratio	68.10%	67.90%	67.00%	65.60%	68.90%	70.20%
Depreciation expense ratio	4.90%	6.10%	5.70%	5.30%	4.70%	4.20%
Interest expense ratio	6.30%	10.90%	7.60%	6.60%	6.00%	5.50%
Net farm income ratio	20.70%	15.10%	19.70%	22.50%	20.40%	20.10%

Average Dollars Spent by a Crop Farm totals \$508,217 in 2006



Financial Summary
Statewide Database Special Sorts for Crops
Farm Business Management Combined Database



Financial Summary

Statewide Database Special Sorts for Crops

Farm Business Management Combined Database

