

Minnesota State Colleges and Universities

**State
Farm Business Management Program
Database**

Crop Farm Sort - 2015

Financial Summary by Gross Farm Income

Financial Summary by Crop Acres

Financial Standards Measures by Gross Farm Income

Financial Standards Measures by Crop Acres

Corn & Soybean Enterprise Information

Selected Graphs of financial and enterprise information

MnSCU Community and Technical Colleges with FBM programs providing data for this report:

Alexandria

Ridgewater

Central Lakes

Riverland

Minnesota West

St. Cloud

Northland

South Central

April, 2016



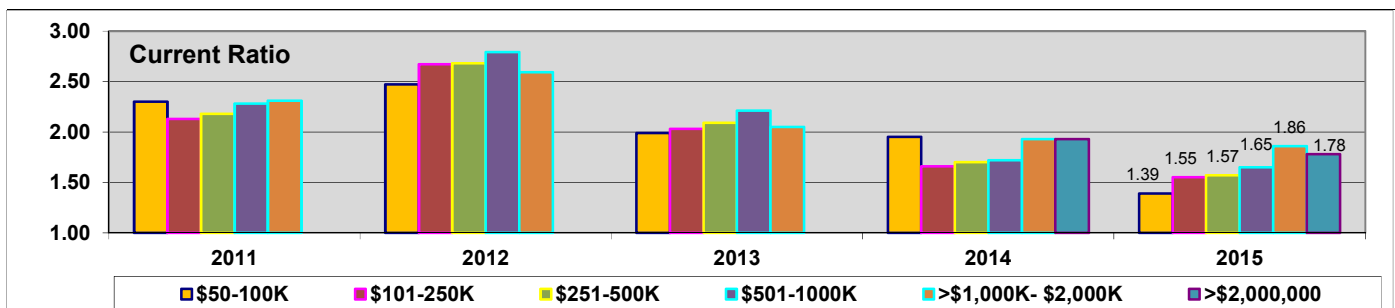
A MEMBER OF THE MINNESOTA STATE COLLEGES
AND UNIVERSITIES SYSTEM

In cooperation with the Center for Farm Financial Management University of Minnesota
Compiled by Al Brudelic & DelRay Lecy

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Visit the Farm Business Management Program Website at: www.fbm.mnscu.edu

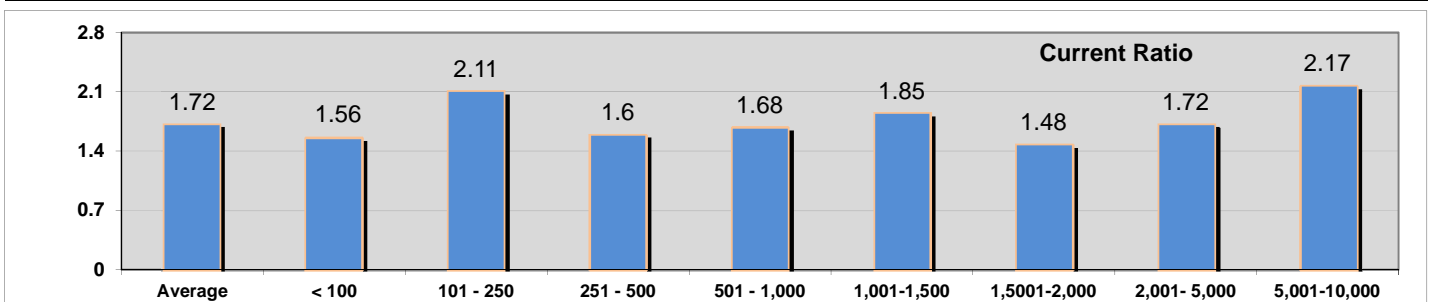
Financial Summary
Statewide Special Sort for Crops
Farm Business Management Database
(Farms Sorted By Gross Farm Income)

	Avg. Of All Farms	Less than 100,000	100,001- 250,000	250,001- 500,000	500,001- 1,000,000	1,000,001- 2,000,000	Over 2,000,000
Number of farms	924	101	177	217	247	134	48
Income Statement							
Gross cash farm income	674,043	61,709	170,242	376,766	709,591	1,359,817	3,066,830
Total cash farm expense	573,265	70,273	154,418	322,397	598,911	1,143,258	2,587,072
Net cash farm income	100,778	-8,563	15,824	54,368	110,681	216,559	479,758
Inventory change	3,729	14,825	13,739	6,326	-5,477	11,229	-41,841
Depreciation	-56,175	-5,874	-17,250	-30,196	-65,743	-113,624	-213,388
Net farm income from operations	48,332	388	12,313	30,498	39,461	114,163	224,530
Gain or loss on capital sales	1,045	-296	1,524	1,375	35	2,977	417
Average net farm income	49,377	92	13,837	31,873	39,496	117,141	224,946
Median net farm income	24,294	4,487	13,897	28,089	39,624	126,737	172,547
Profitability (cost)							
Rate of return on assets	1.4%	-1.3%	0.4%	1.0%	0.8%	1.9%	2.3%
Rate of return on equity	-0.4%	-8.9%	-3.9%	-1.2%	-1.3%	0.9%	1.0%
Operating profit margin	4.2%	-6.0%	1.6%	3.3%	2.6%	5.6%	6.0%
Asset turnover rate	33.0%	21.3%	26.9%	30.5%	31.9%	34.3%	37.6%
Liquidity & Repayment (end of year)							
Current assets	628,896	79,762	162,170	340,022	661,377	1,331,460	2,682,900
Current liabilities	366,035	57,509	104,885	216,969	400,176	714,057	1,504,876
Current ratio	1.72	1.39	1.55	1.57	1.65	1.86	1.78
Working capital	262,861	22,253	57,285	123,053	261,201	617,403	1,178,024
Working capital to gross inc	38.2%	28.1%	30.4%	31.5%	36.5%	44.4%	38.6%
Term debt coverage ratio	0.91	1.13	0.99	0.86	0.86	0.90	0.96
Replacement coverage ratio	0.68	0.91	0.78	0.64	0.62	0.66	0.76
Term debt to EBITDA	3.72	11.22	6.00	4.09	3.73	2.82	3.61
Solvency (end of year at market)							
Number of farms	924	101	177	217	247	134	48
Total assets	3,126,692	764,582	1,276,869	2,141,419	3,413,628	5,650,090	10,851,431
Total liabilities	956,289	297,184	436,590	615,079	993,178	1,637,669	3,710,081
Net worth	2,170,403	467,398	840,279	1,526,340	2,420,450	4,012,421	7,141,350
Net worth change	42,681	31,897	35,770	37,010	51,474	33,336	97,329
Farm debt to asset ratio	32%	43%	38%	31%	31%	30%	35%
Total debt to asset ratio	31%	39%	34%	29%	29%	29%	34%
Change in earned net worth %	2%	7%	4%	2%	2%	1%	1%
Nonfarm Information							
Net nonfarm income	40,928	54,014	49,133	38,821	41,930	25,117	31,637
Farms reporting living expenses	229	20	47	70	58	31	3
Total family living expense	61,568	52,075	47,943	54,658	68,500	87,131	101,376
Total living, invest, cap. purch	96,335	61,763	66,143	99,708	94,624	155,904	138,617
Crop Acres							
Total crop acres	1,088	137	342	657	1,234	2,186	3,982
Total crop acres owned	294	67	142	207	363	491	827
Total crop acres cash rented	769	63	186	424	840	1,675	3,078
Total crop acres share rented	25	7	13	26	31	21	77
Machinery value per crop acre	635	576	577	647	665	638	593



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

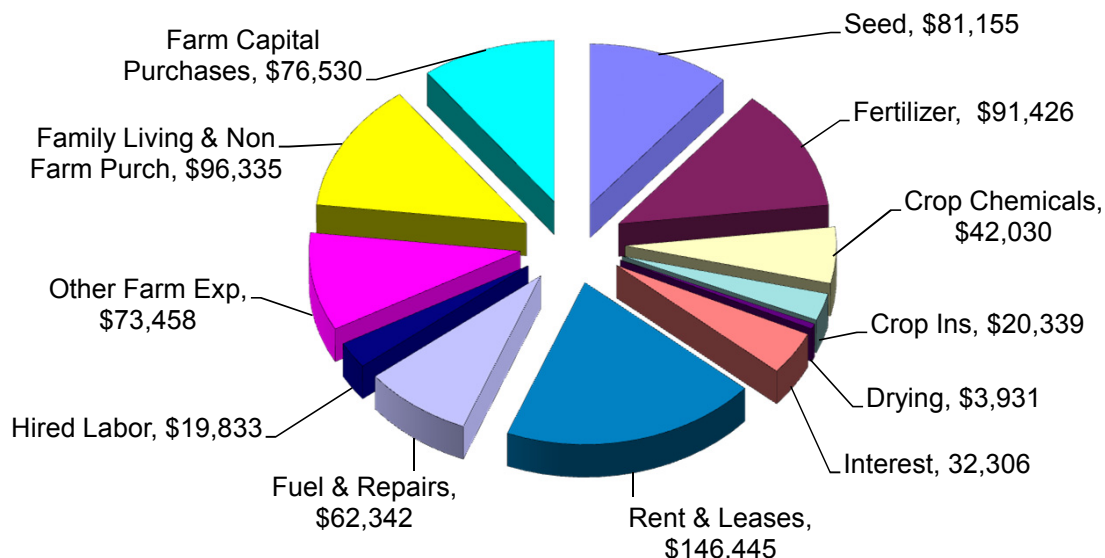
	Avg. Of All Farms	Less than 100	101 - 250	251 - 500	501 - 1,000	1,001 - 1,500	1,501 - 2,000	2,001 - 5,000	5,001 - 10,000
Number of farms	924	54	103	176	252	126	65	139	9
Income Statement									
Gross cash farm income	674,043	219,091	115,842	231,448	497,238	771,727	1,033,105	1,650,945	4,349,310
Total cash farm expense	573,265	177,471	98,188	203,874	413,403	657,563	879,819	1,420,869	3,599,833
Net cash farm income	100,778	41,619	17,655	27,574	83,835	114,163	153,286	230,075	749,477
Inventory change	3,729	-5,023	4,219	3,688	-1,547	7,797	-40,664	31,668	31,308
Depreciation	-56,175	-20,361	-9,596	-21,852	-41,500	-70,485	-86,328	-133,583	-272,612
Net farm income from operations	48,332	16,235	12,277	9,410	40,789	51,475	26,294	128,160	508,173
Gain or loss on capital sales	1,045	-21	20	1,389	1,207	630	4,128	493	-
Average net farm income	49,377	16,214	12,297	10,799	41,995	52,105	30,422	128,653	508,173
Median net farm income	24,294	-486	10,600	14,186	34,614	50,976	11,704	121,544	311,101
Profitability (cost)									
Rate of return on assets	1.4%	0.4%	0.7%	-0.3%	1.4%	1.1%	0.2%	1.9%	4.2%
Rate of return on equity	-0.4%	-4.0%	-2.6%	-4.2%	-0.4%	-0.5%	-2.8%	0.6%	4.4%
Operating profit margin	4.2%	1.3%	2.7%	-1.0%	4.6%	3.5%	0.7%	5.3%	10.7%
Asset turnover rate	33.0%	32.6%	25.3%	27.1%	30.6%	32.2%	32.5%	36.0%	39.4%
Liquidity & Repayment (end of year)									
Current assets	628,896	195,912	98,351	204,833	451,675	743,762	923,360	1,576,398	4,185,081
Current liabilities	366,035	125,370	46,617	128,272	269,136	402,857	624,120	917,710	1,928,568
Current ratio	1.72	1.56	2.11	1.6	1.68	1.85	1.48	1.72	2.17
Working capital	262,861	70,542	51,734	76,561	182,539	340,905	299,240	658,688	2,256,513
Working capital to gross inc	38.2%	32.7%	42.4%	32.6%	36.2%	43.7%	29.5%	38.2%	51.4%
Term debt coverage ratio	0.91	1.18	1.29	0.86	0.97	0.93	0.43	0.92	1.39
Replacement coverage ratio	0.68	0.96	0.99	0.65	0.71	0.66	0.33	0.70	1.08
Term debt to EBITDA	3.72	4.72	6.03	5.85	3.84	3.29	4.82	3.16	2.62
Solvency (end of year at market)									
Number of farms	924	54	103	176	252	126	65	139	9
Total assets	3,126,692	1,154,116	882,007	1,585,923	2,638,763	3,655,748	4,503,792	6,521,761	14,656,471
Total liabilities	956,289	481,918	311,074	455,438	744,226	992,823	1,497,482	2,111,496	4,657,148
Net worth	2,170,403	672,198	570,933	1,130,485	1,894,537	2,662,925	3,006,310	4,410,265	9,999,323
Total net worth change	42,681	-9,616	37,215	30,667	50,562	81,087	-1,436	34,023	347,933
Farm debt to asset ratio	32%	46%	37%	32%	30%	28%	35%	33%	32%
Total debt to asset ratio	31%	42%	35%	29%	28%	27%	33%	32%	32%
Change in total net worth %	2%	-1%	7%	3%	3%	3%	0%	1%	4%
Nonfarm Information									
Net nonfarm income	40,928	58,251	49,111	48,713	40,133	42,091	22,773	29,509	4,511
Farms reporting living expenses	229	12	31	48	77	32	12	17	-
Total family living expense	61,568	51,134	47,559	52,964	59,601	72,902	83,204	91,074	-
Total living, invest, cap. purch	96,335	61,599	72,340	88,469	84,186	134,014	136,648	142,461	-
Crop Acres									
Total crop acres	1,088	45	175	374	744	1,234	1,707	2,907	6,836
Total crop acres owned	294	31	81	135	240	340	462	676	1,223
Total crop acres cash rented	769	13	91	225	481	880	1,201	2,167	5,548
Total crop acres share rented	25	1	3	13	24	14	44	64	64
Machinery value per crop acre	635	1,117	698	728	750	695	662	561	426



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

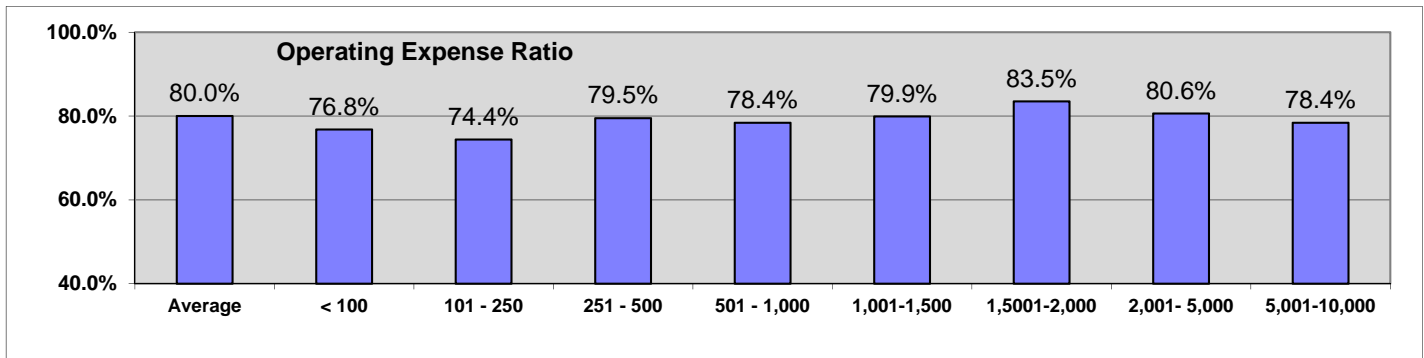
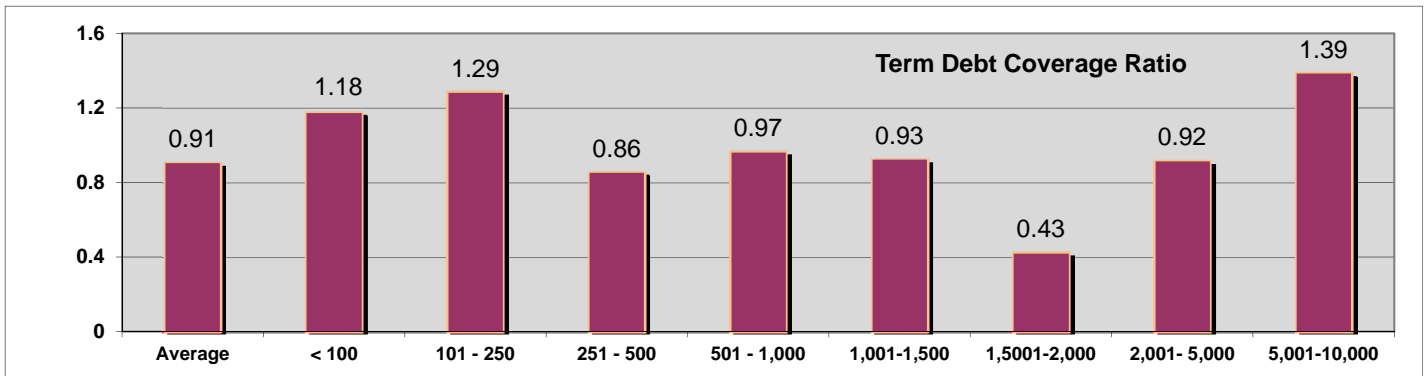
	Avg. Of All Farms	Less than 100,000	100,001- 250,000	250,001- 500,000	500,001- 1,000,000	1,000,001- 2,000,000	Over 2,000,000
Number of farms	924	101	177	217	247	134	48
Liquidity							
Current ratio	1.72	1.39	1.55	1.57	1.65	1.86	1.78
Working capital	262,861	22,253	57,285	123,053	261,201	617,403	1,178,024
Working capital to gross inc	38.2%	28.1%	30.4%	31.5%	36.5%	44.4%	38.6%
Solvency (market)							
Farm debt to asset ratio	43%	51%	47%	41%	42%	43%	46%
Farm equity to asset ratio	57%	49%	53%	59%	58%	57%	54%
Farm debt to equity ratio	0.76	1.03	0.88	0.70	0.73	0.74	0.84
Profitability (cost)							
Rate of return on farm assets	1.4%	-1.3%	0.4%	1.0%	0.8%	1.9%	2.3%
Rate of return on farm equity	-0.4%	-8.9%	-3.9%	-1.2%	-1.3%	0.9%	1.0%
Operating profit margin	4.2%	-6.0%	1.6%	3.3%	2.6%	5.6%	6.0%
Net farm income	49,377	92	13,837	31,873	39,496	117,141	224,946
EBITDA	137,899	14,601	45,093	82,272	140,332	282,443	575,000
Repayment Capacity							
Capital debt repayment	81,322	19,854	35,123	48,638	83,176	147,613	334,177
Capital debt repayment	-8,386	2,290	-284	-7,848	-13,611	-16,732	-12,970
Replacement margin	-38,873	-1,868	-9,832	-27,163	-51,339	-76,943	-106,340
Term debt coverage ratio	0.91	1.13	0.99	0.86	0.86	0.90	0.96
Replacement coverage ratio	0.68	0.91	0.78	0.64	0.62	0.66	0.76
Efficiency							
Asset turnover rate (cost)	33.0%	21.3%	26.9%	30.5%	31.9%	34.3%	37.6%
Operating expense ratio	80.0%	81.6%	76.1%	79.0%	80.4%	79.7%	81.1%
Depreciation expense ratio	8.2%	7.4%	9.1%	7.7%	9.2%	8.2%	7.0%
Interest expense ratio	4.9%	10.5%	8.2%	5.5%	4.9%	3.9%	4.5%
Net farm income ratio	7.2%	0.1%	7.3%	8.2%	5.5%	8.4%	7.4%

Average Dollars Spent by a Crop Farm totals \$746,130 in 2015



**Financial Standards Measures
Statewide Special Sort for Crops
Farm Business Management Database
(Farms Sorted By Total Crop Acres)**

	Avg. Of All Farms	Less than 100	101 - 250	251 - 500	501 - 1,000	1001 - 1,500	1501 - 2,000	2001 - 5,000	5001 - 10,000
Number of farms	924	54	103	176	252	126	65	139	9
Liquidity									
Current ratio	1.72	1.56	2.11	1.60	1.68	1.85	1.48	1.72	2.17
Working capital	262,861	70,542	51,734	76,561	182,539	340,905	299,240	658,688	2,256,513
Working capital to gross inc	38.2%	32.7%	42.4%	32.6%	36.2%	43.7%	29.5%	38.2%	51.4%
Solvency (market)									
Farm debt to asset ratio	43%	53%	45%	42%	41%	41%	46%	45%	42%
Farm equity to asset ratio	57%	47%	55%	58%	59%	59%	54%	55%	58%
Farm debt to equity ratio	0.76	1.15	0.83	0.73	0.70	0.69	0.85	0.81	0.72
Profitability (cost)									
Rate of return on farm assets	1.4%	0.4%	0.7%	-0.3%	1.4%	1.1%	0.2%	1.9%	4.2%
Rate of return on farm equity	-0.4%	-4.0%	-2.6%	-4.2%	-0.4%	-0.5%	-2.8%	0.6%	4.4%
Operating profit margin	4.2%	1.3%	2.7%	-1.0%	4.6%	3.5%	0.7%	5.3%	10.7%
Net farm income	49,377	16,214	12,297	10,799	41,995	52,105	30,422	128,653	508,173
EBITDA	137,899	50,196	31,274	48,043	108,800	156,348	167,068	334,681	948,178
Repayment Capacity									
Capital debt repayment	81,322	37,637	27,895	34,980	67,710	90,889	66,228	185,630	606,347
Capital debt repayment	-8,386	5,621	6,330	-5,586	-1,825	-7,330	-88,640	-15,185	170,540
Replacement margin	-38,873	-1,754	-384	-18,995	-28,173	-46,734	-132,271	-80,879	42,934
Term debt coverage ratio	0.91	1.18	1.29	0.86	0.97	0.93	0.43	0.92	1.39
Replacement coverage ratio	0.68	0.96	0.99	0.65	0.71	0.66	0.33	0.70	1.08
Efficiency									
Asset turnover rate (cost)	33.0%	32.6%	25.3%	27.1%	30.6%	32.2%	32.5%	36.0%	39.4%
Operating expense ratio	80.0%	76.8%	74.4%	79.5%	78.4%	79.9%	83.5%	80.6%	78.4%
Depreciation expense ratio	8.2%	9.4%	7.9%	9.3%	8.2%	9.0%	8.5%	7.7%	6.2%
Interest expense ratio	4.9%	6.3%	7.7%	7.2%	5.3%	4.4%	5.4%	4.2%	3.8%
Net farm income ratio	7.2%	7.5%	10.1%	4.6%	8.3%	6.7%	3.0%	7.5%	11.6%



Crop Enterprise Analysis for Corn on Rented Acres
Statewide Special Sort for Crops
Farm Business Management Database
(Farms Sorted By Total Crop Acres)

	Avg. Of All Farms	Under 100	-101 250	-251 500	-501 1,000	-1001 1,500	-1501 2,000	-2001 5,000	-5001 10,000
Number of farms	1153	182	197	337	234	146	32	12	13
Yield per acre (bu.)	197.86	178.46	187.89	191.67	197.55	196.64	208.21	198.12	207.84
Value per bu.	3.51	3.35	3.41	3.42	3.48	3.51	3.58	3.55	3.69
Gross return per acre	705.52	606.14	649.82	665.02	696.39	703.12	760.96	717.66	771.82
Direct Expenses									
Seed	116.52	107.75	114.83	116.36	117.98	116.94	122.13	115.06	107.88
Fertilizer	145.29	121.33	131.12	137.17	149.86	145.34	167.64	139.07	133.94
Crop chemicals	34.60	33.25	34.13	34.15	35.12	35.00	36.13	35.23	31.00
Crop insurance	22.81	18.41	19.17	20.97	22.31	24.13	23.39	24.31	23.86
Drying expense	9.05	8.90	7.95	9.39	11.22	8.83	8.34	8.10	5.50
Storage	1.68	1.55	1.82	1.77	1.55	1.72	1.27	0.07	3.21
Fuel & oil	24.54	26.60	27.63	25.12	25.25	25.01	21.01	26.14	21.86
Repairs	40.78	50.63	46.70	44.55	45.11	42.01	34.63	31.69	28.11
Custom hire	10.45	25.93	23.99	13.94	11.71	8.38	7.72	5.81	5.23
Hired labor	4.66	1.22	0.56	1.84	3.25	2.80	8.27	14.19	11.12
Land rent	211.56	132.65	165.28	176.41	205.88	209.51	248.72	221.58	274.90
Machinery leases	3.73	1.76	2.52	3.44	2.20	1.45	5.77	20.08	3.81
Utilities	1.45	0.63	0.97	1.14	1.50	1.06	1.19	2.64	2.96
Hauling and trucking	1.96	1.82	2.24	1.71	1.90	1.21	3.09	0.66	4.17
Marketing	1.56	1.38	1.56	1.16	1.55	1.40	3.05	1.76	0.92
Operating interest	11.89	7.53	8.88	10.10	12.04	11.80	11.43	12.21	17.24
Miscellaneous	2.32	4.16	1.79	2.24	2.39	2.10	3.19	0.89	2.75
Total direct expenses per acre	645.02	546.54	591.71	601.68	650.84	638.88	707.30	659.50	678.46
Return over direct exp per acre	60.50	59.60	58.11	63.35	45.55	64.24	53.66	58.16	93.36
Total overhead expenses per acre	110.55	107.74	105.47	100.21	111.65	114.13	121.73	85.65	118.60
Total dir & ovhd expenses per acre	755.56	654.28	697.18	701.88	762.49	753.00	829.03	745.15	797.06
Net return per acre	-50.04	-48.14	-47.36	-36.86	-66.10	-49.89	-68.08	-27.49	-25.24
Cost of Production									
Total direct expense per bu.	3.26	3.06	3.15	3.14	3.29	3.25	3.40	3.33	3.26
Total dir & ovhd exp per bu.	3.82	3.67	3.71	3.66	3.86	3.83	3.98	3.76	3.83
Less govt & other income	3.53	3.40	3.44	3.38	3.58	3.54	3.67	3.48	3.58
With labor & management	3.79	3.77	3.79	3.70	3.86	3.78	3.86	3.68	3.77
Net value per unit	3.53	3.35	3.41	3.42	3.48	3.53	3.63	3.58	3.70
Machinery cost per acre	140.54	163.15	156.99	141.72	147.16	137.97	140.44	136.10	121.39
Est. labor hours per acre	2.77	4.16	3.70	3.30	2.91	2.74	2.26	2.15	1.92

Selected Sorts within the Corn enterprise

The State Database includes data from over 1,000 farms that produce corn, and provides the opportunity to dig deeper into the data using special markers on farms with different practices. Using the FINPACK & RankEM Central software from the Center for Farm Financial Management, specific production practices can be included or excluded from a given sort. This enables selected practices to be compared. Below is a sample of the sort options which provide another comparative look at Minnesota's State FBM Corn Data.

Sort	All Fields	Auto-Steer / Swath Control	Variable Rate Fertilizer	Variable Rate Seed	Variable Rate Application	Glyphosate Resistant	Drainage Pattern Tile
Number of Farms	1153	244	97	43	30	67	77
Yield	197.86	200.45	208.03	205.02	207.66	198.04	204.11
Seed	\$116.52	\$119.21	\$121.81	\$125.42	\$121.44	\$120.76	\$123.80
Fertilizer	\$145.29	\$148.27	\$147.63	\$150.64	\$165.93	\$149.50	\$142.13
Chemical	\$34.60	\$33.81	\$37.55	\$44.24	\$31.17	\$35.50	\$37.83
Fuel & Oil	\$24.54	\$24.76	\$27.94	\$29.40	\$22.46	\$27.58	\$24.48
Rent	\$211.56	\$224.98	\$234.77	\$222.59	\$236.86	\$209.74	\$237.96
Interest	\$18.71	\$20.49	\$20.68	\$21.14	\$21.53	\$14.88	\$20.32
Net Return	-\$50.04	-\$65.11	-\$58.87	-\$89.54	-\$85.31	-\$77.93	-\$70.94
Cost of Prod - Ovhd & Direct	\$3.82	\$3.89	\$3.86	\$4.04	\$3.97	\$3.90	\$3.92
Mach Cost/Ac	\$140.54	\$142.99	\$145.18	\$157.03	\$153.59	\$148.34	\$141.48

Crop Enterprise Analysis for Soybeans on Rented Acres
Statewide Special Sort for Crops
Farm Business Management Database
(Farms Sorted By Total Crop Acres)

	Avg. Of All Farms	Under 100	-101 250	-251 500	-501 1,000	-1001 1,500	-1501 2,000	-2001 5,000	-5001 10,000
Number of farms	1088	124	165	337	245	151	51	9	6
Yield per acre (bu.)	52.54	52.74	53.98	54.33	54.96	51.11	51.27	48.17	49.92
Value per bu.	8.57	8.43	8.44	8.55	8.59	8.56	8.61	8.61	8.57
Gross return per acre	459.96	449.11	458.93	469.23	481.47	451.15	451.40	423.14	437.76
Direct Expenses									
Seed	60.63	63.51	60.38	59.63	60.66	61.30	61.44	55.02	61.51
Fertilizer	22.31	23.65	22.02	22.00	20.57	21.31	25.08	25.87	24.62
Crop chemicals	38.11	36.34	40.28	41.58	41.70	36.26	36.68	33.20	26.70
Crop insurance	19.60	16.28	17.61	20.15	20.05	19.98	18.87	20.34	17.19
Storage	0.60	0.86	0.74	0.72	0.61	0.60	0.15	0.26	2.17
Fuel & oil	14.75	16.77	15.48	15.05	14.66	14.66	14.57	15.11	14.15
Repairs	23.63	29.44	26.65	28.04	24.50	22.49	22.36	19.41	15.51
Custom hire	7.31	15.38	14.42	11.89	7.37	5.32	6.33	2.10	4.74
Hired labor	3.06	1.27	2.55	1.14	1.83	3.85	6.10	-	3.29
Land rent	180.00	148.63	171.33	178.81	192.97	173.65	184.38	131.20	198.09
Machinery leases	2.44	3.38	2.42	1.65	3.53	1.25	4.02	2.32	0.46
Utilities	0.81	1.21	1.18	1.04	0.88	0.47	1.04	-	1.26
Hauling and trucking	0.77	1.39	1.48	0.73	1.06	0.80	0.49	0.36	-
Marketing	0.88	1.31	1.16	1.19	0.90	1.06	0.51	0.33	0.09
Operating interest	6.75	6.17	6.15	6.28	7.05	8.06	6.04	5.07	3.36
Miscellaneous	2.13	0.73	2.41	1.75	2.41	2.04	2.27	2.02	2.11
Total direct expenses per acre	383.78	366.30	386.25	391.66	400.76	373.12	390.34	312.61	375.24
Return over direct exp per acre	76.18	82.81	72.68	77.57	80.72	78.03	61.07	110.54	62.51
Total overhead expenses per acre	66.61	64.37	63.13	65.67	63.10	67.90	70.44	74.29	61.08
Total dir & ovhd expenses per acre	450.39	430.67	449.37	457.32	463.86	441.02	460.78	386.90	436.33
Net return per acre	9.58	18.44	9.55	11.90	17.61	10.13	-9.37	36.24	1.43
Cost of Production									
Total direct expense per bu.	7.31	6.94	7.16	7.21	7.29	7.30	7.61	6.49	7.52
Total dir & ovhd exp per bu.	8.57	8.17	8.32	8.42	8.44	8.63	8.99	8.03	8.74
Less govt & other income	7.72	7.36	7.51	7.57	7.54	7.69	8.22	7.47	8.00
With labor & management	8.31	8.22	8.26	8.27	8.14	8.29	8.75	7.86	8.39
Net value per unit	8.61	8.46	8.44	8.55	8.60	8.64	8.64	8.61	8.68
Machinery cost per acre	84.64	97.55	91.77	91.20	85.28	81.88	85.37	79.31	68.52
Est. labor hours per acre	1.62	2.42	2.38	1.89	1.69	1.53	1.37	1.51	1.12

Selected Sorts within the Soybean enterprise

The State Database includes data from over 1,000 farms producing soybeans, and provides the opportunity to dig deeper into the data using special markers on farms with different practices. Using the FINPACK & RankEM Central software from the Center for Farm Financial Management, specific production practices can be included or excluded from a given sort. This enables selected practices to be compared. Below is a sample of the sort options which provide another comparative look at Minnesota's State FBM Soybean Data.

Sort	All Fields	Auto-steer / Swath Control	Variable Rate Fertilizer	Variable Rate Seed	Variable Rate Application	Glyphosate Resistant	Drainage Pattern Tile
Number of Farms	1088	234	55	17	25	94	66
Yield	52.54	52.14	57.14	52.98	56.08	52.01	58.89
Seed	\$60.63	\$62.83	\$57.42	\$59.43	\$58.71	\$64.97	\$58.26
Fertilizer	\$22.31	\$23.45	\$29.19	\$32.51	\$27.29	\$19.72	\$29.46
Chemical	\$38.11	\$37.58	\$40.57	\$49.44	\$41.34	\$39.38	\$44.20
Fuel & Oil	\$14.75	\$13.79	\$15.53	\$16.38	\$13.84	\$14.83	\$14.31
Rent	\$180.00	\$185.34	\$220.21	\$167.16	\$218.42	\$187.91	\$221.78
Interest	\$10.75	\$10.28	\$10.69	\$8.81	\$16.70	\$10.29	\$10.39
Net Return	\$9.58	-\$2.49	\$8.41	-\$4.89	-\$31.62	-\$14.69	\$0.98
Cost of Prod - Ovhd & Direct	\$8.57	\$8.73	\$8.70	\$9.05	\$9.22	\$8.91	\$8.73
Mach Cost/Ac	\$84.64	\$81.42	\$86.44	\$94.18	\$96.86	\$83.86	\$90.87

Selected Charts Statewide Special Sort for Crops Farm Business Management Database

