

Information for Econ 430

Advanced Farm Business Analysis

Exam 2

Fall 2007



Crown Hog Farm 2016
ACCRUED INCOME STATEMENT

IOWA STATEWIDE

Page: 1

2006 Production Year

Farm: 1499997

Run Date: 10/2/2007

<i>Iowa Farm Business Association</i>	Operator(s)	High Profit 1/3 62 Farms	Size 4 185 Farms	Low Profit 1/3 62 Farms	Group Avg 657 Farms	
101	Accrued Net Farm Income	\$ 139,640	290,259	181,377	79,442	132,202
102	Accrued Net/Operator	\$ 139,640	249,945	163,682	71,383	122,333
103						
104	Sources of Cash Income					
105	Corn	\$ 146,672	178,514	179,332	184,250	122,151
106	Soybeans	\$ 103,439	130,254	117,150	99,618	84,421
107	Other Crop	\$ 1,236	3,740	3,777	4,141	3,793
108	Hogs	\$ 207,856	211,573	122,849	63,862	112,389
109	Cattle	\$	101,510	92,044	131,529	105,675
110	Other Livestock	\$	1,488	6,311	14,293	5,416
111	Miscellaneous	\$ 71,221	71,532	70,576	78,182	50,437
112	Total Cash Farm Incomes	\$ 530,424	698,609	592,038	575,875	484,281
113	Accrued Incomes	\$ 14,343	11,329	1,824	1,660	1,975
114	Food from Farm	\$ 120	236	208	254	225
115	Inventory Increase	\$ 59,884	182,470	123,343	63,336	87,162
116	Total Business Credits	\$ 585,480	879,987	714,705	638,804	570,692
117						
118	Expenditures					
119	Machine & Equipment Repairs	\$ 35,196	20,580	20,695	21,600	15,769
120	Fuel & Oil Farm Use	\$ 27,757	20,878	22,011	24,789	15,985
121	Power & Machine Hire	\$ 16,859	8,857	9,263	12,514	7,368
122	Owned Truck	\$	4,172	6,305	11,065	3,770
123	Auto Expense Farm Share	\$ 846	1,237	1,004	886	1,150
124	Utilities Farm Share	\$ 6,619	6,901	6,809	7,008	6,232
125	Labor Hired	\$ 17,270	9,140	10,970	15,541	10,481
126	Livestock Expense	\$ 15,135	16,241	10,826	9,387	12,656
127	Crop Expense	\$ 42,618	73,648	67,779	65,191	48,813
128	Fertilizer & Lime	\$ 39,255	45,070	43,363	41,855	30,130
129	Miscellaneous Expense	\$ 3,375	7,266	6,680	6,998	5,835
130	Rent	\$ 85,887	78,252	78,537	79,132	52,830
131	Taxes	\$ 5,279	8,325	6,941	5,940	5,591
132	Interest	\$ 30,571	22,850	27,907	35,210	21,643
133	Insurance	\$ 5,466	14,396	15,886	17,852	11,497
134	Building & Improvement Repairs	\$ 3,345	6,851	6,344	6,032	5,345
135	Total Feed Bought	\$ 57,185	70,817	47,732	37,338	51,352
136	Hogs Bought	\$ 12,679	70,377	32,816	5,433	28,253
137	Cattle Bought	\$	61,232	54,729	74,358	53,589
138	Other Livestock Bought	\$	58	206	378	868
139	Beans Bought from Seal	\$	3,082	3,169	2,273	1,714
140	Total Cash Expense	\$ 405,342	550,228	479,972	480,779	390,881
141	Economic Depreciation	\$ 39,177	37,750	39,894	43,979	30,481
142	Inventory Decrease & Mach Value	\$ 2,440	2,043	12,694	32,735	16,536
143	Accrued Expenses	\$ 11,119	2,993	768	1,869	593
144	Total Business Debits	\$ 445,840	589,728	533,328	559,362	438,491
145	Accrued Net Farm Income	\$ 139,640	290,341	181,411	79,444	132,016
146	Less 4% Charge on Equity	\$ 49,282	51,592	43,332	41,192	33,034
147	Less Unpaid Family Labor	\$ 20,400	22,826	22,364	22,371	20,229
148	Management Return	\$ 69,958	215,923	115,715	15,881	78,753
149						
150	Total Cash Farm Incomes	\$ 530,424	698,609	592,038	575,875	484,281
151	Less Cash Farm Expenses	\$ 405,342	550,228	479,972	480,779	390,881
152	Plus Loans Received	\$	219,876	202,320	247,545	148,993
153	Less Loan Payments	\$	169,092	173,259	225,411	133,424
154	Total Farm Cash Flow	\$ 125,082	199,165	141,126	117,230	108,969
155	Plus Non Farm Incomes	\$	17,257	14,492	13,988	15,516
156	Remaining Cash Available	\$ 125,082	216,422	155,619	131,218	124,485
157	Non Farm Income % Cash Available		8	9	11	12



Crain Hwy Farm 2006

FINANCIAL ANALYSIS DATA

IOWA STATEWIDE

Page: 2

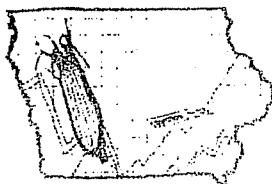
2006 Production Year

Farm: 1499997

Run Date: 10/2/2007

<i>Iowa Farm Business Association</i>	Operator(s)	High Profit 1/3 62 Farms	Size 4 185 Farms	Low Profit 1/3 62 Farms	Group Avg 657 Farms	
201 Accrued Net Farm Income	\$	139,640	290,259	181,377	79,442	132,202
202 Management Return	\$	69,958	215,923	115,715	15,881	78,753
203						
204 Gross Profits/Man Year Equivalent	\$	257,148	529,602	444,239	362,350	348,580
205 Gross Profits/\$ Expense	\$	1.37	1.81	1.53	1.24	1.53
206 Return on Capital-Unpaid Labor	\$	6.5	18.3	12.6	5.5	10.9
207 GVC - Fert & Crop Expense/OCA	\$	308.49	384.28	358.17	326.46	354.36
208 Livestock Prod/\$100 Feed Fed	\$	193.72	173.22	168.23	166.71	170.72
209 Mach & Pwr Cost-75% Cust/OCA	\$	83.17	69.37	75.70	83.93	78.64
210 Mach & Pwr Investment/OCA	\$	314.29	262.47	281.82	323.24	288.24
211 Months of Labor	MO	24	18	18	20	16
212 Operator Age	YR	44	54	53	51	53
213 Gross Profits	\$	514,295	672,753	562,624	484,423	417,592
214 Total Crop Production	\$	401,794	495,511	454,876	414,387	322,747
215 Livestock Prod/Feed Cost	\$	89,773	81,407	51,207	36,500	56,286
216 Income Other Sources	\$	7,344	41,627	32,016	32,591	22,901
217 Crop Marketing & Inventory +or-	\$	15,384	54,208	24,525	945	15,658
218						
219 Number of Farms		1	60	179	61	619
220 Feeding Livestock	\$	43,264	117,302	87,833	95,893	84,411
221 Corn	\$	232,804	280,526	217,162	154,609	155,733
222 Beans	\$	145,549	156,436	121,461	88,614	80,701
223 Other Feedstuffs	\$	2,955	9,342	7,542	9,593	8,426
224 Prepaid Expense & Supplies	\$	79,165	104,315	80,881	67,997	60,149
225 Farm Short Term Assets	\$	503,737	667,921	514,879	416,706	389,419
226 Breeding Livestock	\$	11,160	7,007	15,896	27,055	22,597
227 Mach & Equip Value	\$	298,632	266,488	297,461	344,526	212,904
228 Farm Intermediate Assets	\$	309,792	273,495	313,357	371,581	235,501
229 Bare Land Value	\$	928,000	820,181	725,318	755,279	549,767
230 Improvement Econ Value	\$	97,494	94,659	85,133	79,385	84,537
231 Total Farm Assets	\$	1,839,023	1,856,257	1,638,686	1,622,950	1,259,224
232 Operator Notes		144,113	172,337	163,673	195,536	119,918
233 Accrued Accts Payable	\$	14,557	2,594	4,697	6,996	2,967
234 Int & Long Term Due in 12 Mo	\$	47,878	2,483	7,267	14,358	3,661
235 CCC Loans	\$		11,922	16,790	16,673	12,565
236 Short Term Liabilities	\$	206,548	189,336	192,426	233,563	139,111
237 Intermediate Notes	\$		47,232	75,014	101,243	52,916
238 Long Term Land & Imprv Notes	\$	381,310	188,018	202,395	245,755	153,773
239 Total Farm Liabilities	\$	587,858	424,586	469,835	580,561	345,800
240 Net Farm Worth	\$	1,251,165	1,431,671	1,168,851	1,042,389	913,424
241 Personal Net Worth	\$	123,200	163,690	135,927	122,222	136,122
242 Total Net Worth	\$	1,374,365	1,595,361	1,304,778	1,164,611	1,049,546
243 Net Worth Change for Year	\$	63,140	202,820	111,709	11,722	90,580
244 Liquidity Measurement						
245 Current Ratio	CA/CL	2.439	3.528	2.676	1.784	2.799
246 Current Debt Ratio	CL/TL	0.351	0.446	0.410	0.402	0.402
247 Solvency Measurement						
248 Leverage Ratio	TL/NW	0.470	0.297	0.402	0.557	0.379
249 Debt to Asset Ratio	TL/TA	0.320	0.229	0.287	0.358	0.275
250 Equity Value Ratio	NW/TA	0.680	0.771	0.713	0.642	0.725
251 Profitability Analysis						
252 Return on Equity	(NFI-UL)/NW	0.095	0.187	0.136	0.055	0.123
253 Return on Investment	(NFI+IN-UL)/TA	0.081	0.156	0.114	0.057	0.106
254 Profit Margin	(NFI+IN-UL)/GP	0.291	0.431	0.332	0.190	0.320
255 Gross Income Ratio	TE/TCI	0.704	0.545	0.648	0.711	0.606
256 Turnover Ratio	GP/TA	0.280	0.362	0.343	0.298	0.332
257 Expense Structure	FE/TE	0.349	0.344	0.354	0.351	0.338

Crown Hoy Farm 2006



ENTERPRISE ANALYSIS DATA

IOWA STATEWIDE

Page: 3

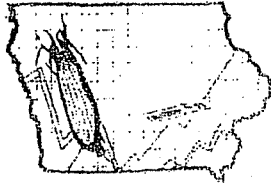
2006 Production Year

Farm: 1499997

Run Date: 10/2/2007

Iowa Farm Business Association	Operator(s)		High Profit 1/3		Size 4		Low Profit 1/3		Group Avg	
1 GENERAL CROP INFORMATION										
2 Total Value Production	401,794		495,511		454,876		414,387		325,722	
3 % of Total Gross Profit	78.1		73.7		80.8		85.5		77.7	
4 Owned Acres: Total, Rotated	320	284	349	324	314	280	324	276	248	214
5 Rented Acres: Total, Rotated	680	680	817	843	828	812	830	786	576	554
6										
7 CORN - FEED ENTERPRISE (10)										
8 Number of Farms	1		56		168		55		563	
9 Operator Bushel Equivalent	77,368		93,508		85,208		78,300		62,982	
10 Operator Share of Acres	467		526		502		500		371	
11 Yield/Acre	165.7		177.8		169.7		156.6		169.8	
12 Crop Value/Acre	455.16		571.37		539.72		489.07		541.59	
13 Insurance & Other Value	16,652		58,322		33,986		19,722		23,192	
14 Total "Net" Crop Value/Acre	490.82		682.25		607.42		528.51		604.10	
15 Total Allocated Costs	201,888		227,068		224,723		229,131		168,979	
16 Net Crop Return	27,325		131,796		80,203		35,123		55,142	
17 Net Crop Return/Acre	58.51		250.56		159.77		70.25		148.63	
18										
19 Bushels Sold	77,248		85,462		85,040		87,311		59,780	
20 Average Selling Price/Bushel	1.90		2.13		2.13		2.13		2.12	
21	\$/Bu	\$/A	\$/Bu	\$/A	\$/Bu	\$/A	\$/Bu	\$/A	\$/Bu	\$/A
22 Seed	0.29	48.69	0.27	48.80	0.28	47.51	0.29	45.17	0.28	47.92
23 Insecticide			0.01	1.71	0.01	2.02	0.02	2.81	0.02	2.77
24 Herbicide	0.13	21.14	0.13	23.52	0.14	24.38	0.16	24.32	0.15	24.62
25 Fertilizer & Lime	0.38	62.37	0.40	70.47	0.43	73.60	0.49	76.22	0.42	71.82
26 Drying & Storage	0.09	15.18	0.05	9.67	0.06	10.38	0.07	10.29	0.07	11.04
27 Other Crop Expense	0.00	0.11	0.02	3.81	0.02	4.08	0.02	3.72	0.03	4.31
28										
29 Cash Mach & Equip Cost	0.36	59.25	0.24	42.00	0.26	43.56	0.28	44.19	0.27	45.62
30 Miscellaneous	0.02	2.67	0.03	5.89	0.03	5.91	0.04	6.20	0.04	6.85
31 Utilities	0.03	4.25	0.03	4.96	0.03	5.14	0.03	5.28	0.04	5.95
32 Rent	0.54	90.12	0.43	77.14	0.47	80.27	0.52	80.89	0.45	76.36
33 Property Tax & Building Repair	0.04	6.12	0.07	12.04	0.06	10.41	0.05	8.61	0.07	11.63
34 Interest	0.15	25.23	0.11	18.76	0.15	24.86	0.21	32.66	0.15	25.74
35 Insurance	0.02	3.98	0.07	11.99	0.08	13.97	0.10	15.48	0.08	14.00
36 Labor Hired	0.06	9.25	0.04	7.10	0.04	7.12	0.04	6.85	0.05	8.78
37 Irrigation										
38 Total Cash Expense	2.10	348.35	1.90	337.86	2.08	353.23	2.32	362.69	2.11	357.41
39										
40 Mach & Equip Depreciation	0.15	24.03	0.13	23.92	0.17	28.85	0.22	33.73	0.16	26.91
41 Bldg & Imprv Depreciation	0.05	7.85	0.03	5.97	0.04	6.69	0.04	6.92	0.05	7.93
42 Unpaid Labor Expenses	0.07	10.92	0.10	18.60	0.11	19.47	0.12	19.51	0.13	22.71
43 Equity Charge	0.25	41.16	0.25	45.33	0.23	39.43	0.23	35.41	0.24	40.51
44 Total Economic Cost	2.61	432.31	2.43	431.69	2.64	447.66	2.93	458.26	2.68	455.47
45										
46 Family Living Expense	0.30	49.94	0.26	45.68	0.24	41.57	0.24	38.05	0.27	46.27
47 Principal Payments	0.22	36.26	0.13	22.33	0.12	20.95	0.17	26.88	0.17	29.27
48 Total Cash Flow Cost	2.62	434.56	2.28	405.87	2.45	415.75	2.73	427.62	2.55	432.95
49										
50										
51										
52 Corn Expense as % Total Expense	45.4		50.0		51.2		50.6		49.6	
53										
54 Corn Labor as % Total Labor	73.4		88.9		83.4		78.6		81.3	
55										
56 Return to Capital (%)	12.09		4.53		4.89		6.23		3.98	
57 Return to Hour Labor (\$/Hr)	23.72		127.01		75.53		32.59		57.55	

Croisin Hoy Farm 2016



ENTERPRISE ANALYSIS DATA

IOWA STATEWIDE

Page: 4

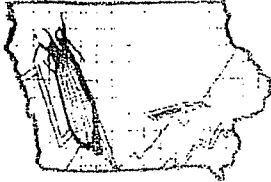
2006 Production Year

Farm: 1499997

Run Date: 10/2/2007

Iowa Farm Business Association	Operator(s)		High Profit 1/3		Size 4		Low Profit 1/3		Group Avg	
1 GENERAL CROP INFORMATION										
2 Total Value Production	401,794		495,511		454,876		414,387		325,722	
3 % of Total Gross Profit	78.1		73.7		80.8		85.5		77.7	
4 Owned Acres: Total, Rotated	320	284	349	324	314	280	324	276	248	214
5 Rented Acres: Total, Rotated	680	680	817	843	828	812	830	786	576	554
7 SOYBEANS - COMMERCIAL ENTERPRISE (20)										
8 Number of Farms	1		49		155		50		547	
9 Operator Bushel Equivalent	24,153		24,537		23,702		22,053		16,764	
10 Operator Share of Acres	477		458		433		407		310	
11 Yield/Acre	50.6		53.6		54.7		54.2		54.1	
12 Crop Value/Acre	309.76		332.85		331.79		322.98		331.47	
13 Insurance & Other Value	10,815		18,628		10,932		3,089		5,898	
14 Total "Net" Crop Value/Acre	332.43		373.53		357.04		330.57		350.50	
15 Total Allocated Costs	166,359		144,688		143,939		142,371		104,426	
16 Net Crop Return	(7,789)		26,387		10,658		(7,830)		4,229	
17 Net Crop Return/Acre	(16.33)		57.61		24.61		(19.24)		13.64	
18										
19 Bushels Sold	19,533		22,554		20,926		17,856		15,765	
20 Average Selling Price/Bushel	5.30		5.71		5.62		5.61		5.56	
21	\$/Bu	\$/A	\$/Bu	\$/A	\$/Bu	\$/A	\$/Bu	\$/A	\$/Bu	\$/A
22 Seed	0.59	29.74	0.56	29.93	0.54	29.37	0.54	29.11	0.54	29.01
23 Insecticide			0.04	2.17	0.04	2.17	0.04	2.17	0.04	2.09
24 Herbicide	0.51	25.78	0.29	15.72	0.30	16.69	0.32	17.29	0.32	17.06
25 Fertilizer & Lime	0.36	18.05	0.18	9.85	0.19	10.38	0.20	10.98	0.15	7.95
26 Drying & Storage			0.04	2.38	0.04	2.25	0.03	1.61	0.04	2.29
27 Other Crop Expense	0.01	0.27	0.05	2.64	0.05	2.84	0.06	3.02	0.05	2.92
28										
29 Cash Mach & Equip Cost	1.09	55.03	0.68	36.64	0.72	39.42	0.75	40.70	0.79	42.49
30 Miscellaneous	0.05	2.62	0.08	4.54	0.09	4.98	0.10	5.34	0.11	5.76
31 Utilities	0.05	2.78	0.08	4.11	0.08	4.29	0.08	4.40	0.09	5.07
32 Rent	1.78	90.03	1.27	68.27	1.39	75.85	1.51	81.81	1.32	71.34
33 Property Tax & Building Repair	0.12	5.96	0.22	11.66	0.19	10.25	0.16	8.86	0.21	11.10
34 Interest	0.48	24.08	0.32	16.92	0.41	22.57	0.52	28.03	0.43	23.31
35 Insurance	0.09	4.58	0.24	12.67	0.27	14.92	0.32	17.59	0.26	14.20
36 Labor Hired	0.17	8.69	0.10	5.22	0.11	6.16	0.12	6.31	0.13	6.83
37 Irrigation										
38 Total Cash Expense	5.28	267.60	4.16	222.71	4.42	242.15	4.75	257.23	4.46	241.43
39										
40 Mach & Equip Depreciation	0.44	22.29	0.44	23.70	0.50	27.35	0.57	30.93	0.47	25.67
41 Bldg & Imprv Depreciation	0.14	7.28	0.08	4.32	0.10	5.47	0.12	6.44	0.13	7.10
42 Unpaid Labor Expenses	0.20	10.26	0.33	17.81	0.34	18.74	0.37	19.81	0.42	22.72
43 Equity Charge	0.82	41.33	0.88	47.36	0.71	38.71	0.65	35.40	0.74	39.93
44 Total Economic Cost	6.89	348.76	5.90	315.91	6.07	332.42	6.46	349.81	6.23	336.86
45										
46 Family Living Expense	0.93	46.94	0.80	42.65	0.71	38.78	0.67	36.28	0.83	44.74
47 Principal Payments	0.72	36.41	0.47	25.37	0.34	18.71	0.43	23.53	0.37	19.75
48 Total Cash Flow Cost	6.93	350.95	5.43	290.73	5.47	299.64	5.85	317.05	5.66	305.92
49										
50										
51										
52 Soybean Expense as % Total Expense	37.4		33.5		34.4		34.1		33.3	
53										
54 Soybean Labor as % Total Labor	70.4		76.3		69.3		63.1		67.3	
55										
56 Return to Capital (%)	(40.40)		1.78		0.62		(1.48)		0.47	
57 Return to Hour Labor (\$/Hr)	(7.04)		48.97		20.79		(0.96)		9.40	

Croin Hoy Farm 2006



ENTERPRISE ANALYSIS DATA

IOWA STATEWIDE

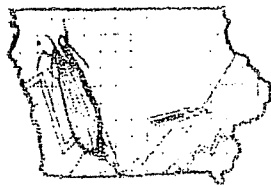
Page: 5

2006 Production Year

Farm: 1499997

Run Date: 10/2/2007

Iowa Farm Business Association	Operator(s)		High Profit 1/3		Size 4		Low Profit 1/3		Group Avg			
1 GENERAL CROP INFORMATION												
2 Total Value Production	401,794		495,511		454,676		414,387		325,722			
3 % of Total Gross Profit	78.1		73.7		80.8		85.5		77.7			
4 Owned Acres: Total, Rotated	320	284	349	324	314	280	324	276	248	214		
5 Rented Acres: Total, Rotated	680	680	817	843	828	812	830	786	576	554		
6												
7 OATS - COMMERCIAL ENTERPRISE (40)												
8 Number of Farms			1		8		3		38			
9 Operator Bushel Equivalent	954		1,380		990		108		681			
10 Operator Share of Acres	12		15		16		12		13			
11 Yield/Acre	79.5		92.0		61.9		9.0		52.4			
12 Crop Value/Acre	139.17		161.00		171.09		197.72		142.23			
13 Insurance & Other Value	1,000		2,415		470				958			
14 Total "Net" Crop Value/Acre	222.50		322.00		200.48		197.72		215.95			
15 Total Allocated Costs	3,833		2,371		3,030		2,686		3,520			
16 Net Crop Return	(1,163)		2,459		177		(313)		(713)			
17 Net Crop Return/Acre	(96.92)		163.93		11.06		(26.08)		(54.85)			
18												
19 Bushels Sold	815		2,166		635		108		572			
20 Average Selling Price/Bushel	1.52		2.09		9.77		1.91		4.03			
21												
		\$/Bu	\$/A		\$/Bu	\$/A		\$/Bu	\$/A		\$/Bu	\$/A
22 Seed		0.33	26.50		0.29	17.82		3.40	30.58		0.35	18.26
23 Insecticide												
24 Herbicide												
25 Fertilizer & Lime					0.03	1.73		0.69	6.17		0.06	3.40
26 Drying & Storage											0.00	0.07
27 Other Crop Expense				0.03	2.67	0.01	0.31				0.01	0.61
28												
29 Cash Mach & Equip Cost	1.01	79.92	0.20	18.83	0.93	57.78	7.32	65.87	1.00	52.31		
30 Miscellaneous	0.04	2.81	0.02	1.41	0.03	1.95	0.19	1.74	0.07	3.75		
31 Utilities			0.03	2.67	0.04	2.64	0.19	1.71	0.08	4.33		
32 Rent	0.90	71.57			0.39	23.89	2.84	25.53	1.06	55.73		
33 Property Tax & Building Repair	0.06	4.40	0.11	9.87	0.15	9.00	0.33	3.00	0.19	9.94		
34 Interest	0.31	24.54			0.18	11.06	3.84	34.55	0.38	20.01		
35 Insurance	0.06	4.55	0.19	17.78	0.15	9.20	0.44	3.97	0.22	11.65		
36 Labor Hired	0.18	14.39			0.05	3.25	0.01	0.05	0.15	8.00		
37 Irrigation												
38 Total Cash Expense	2.88	228.70	0.58	53.22	2.24	138.63	19.24	173.17	3.59	188.07		
39												
40 Mach & Equip Depreciation	0.31	24.61			0.21	12.85	1.90	17.13	0.39	20.65		
41 Bldg & Imprv Depreciation	0.10	8.04			0.05	3.10	0.85	7.65	0.10	5.41		
42 Unpaid Labor Expenses	0.21	17.00			0.15	9.56			0.43	22.61		
43 Equity Charge	0.52	41.07	1.14	104.83	0.41	25.25	2.88	25.90	0.65	34.04		
44 Total Economic Cost	4.02	319.41	1.72	158.06	3.06	189.39	24.87	223.85	5.17	270.77		
45												
46 Family Living Expense	0.98	77.74			0.29	18.15			0.91	47.49		
47 Principal Payments	0.46	36.18			0.01	0.31			0.13	6.69		
48 Total Cash Flow Cost	4.31	342.62	0.58	53.22	2.54	157.09	19.24	173.17	4.62	242.25		
49												
50												
51												
52 Crop Expense as % Total Expense		0.9		0.6		0.9		0.5		1.1		
53												
54 Crop Labor as % Total Labor		2.9				1.2		0.0		2.1		
55												
56 Return to Capital (%)												
57 Return to Hour Labor (\$/Hr)		105.24				205.34		591.88		32.77		



Crown Hog Farm 2006

ENTERPRISE ANALYSIS DATA

IOWA STATEWIDE

Page: 8

2006 Production Year

Farm: 1499997

Run Date: 10/2/2007

Iowa Farm Business Association	Operator(s)	High Profit 1/3		Size 4		Low Profit 1/3		Group Avg	
1 GENERAL LIVESTOCK AVERAGE									
2 Total Livestock Value Increase	185,565	399,891	276,368	207,718	259,194				
3 Total Feed Fed to Livestock	95,792	230,854	164,276	124,601	151,821				
4 Feed Return/\$100 Feed Fed	193.72	173.22	168.23	166.71	170.72				
5 Purchased as % of Total Feed	59.7	65.2	55.9	49.7	60.1				
6									
7 HOG - FARROW TO FINISH ENTERPRISE (60)									
8 Number of Farms	1	4	12	4	40				
9 Total Value of Production	185,565	366,341	412,733	572,040	312,369				
10 Cwt Produced	4,258	7,996	9,822	13,779	7,289				
11 Value/Cwt Produced	43.58	45.82	42.02	41.52	42.85				
12 Purchased Feed Fed	56,185	100,443	161,542	258,094	113,226				
13 Raised Feed Fed	39,607	89,487	74,272	70,582	51,359				
14 Feed Cost/Cwt of Production	22.50	23.75	24.01	23.85	22.58				
15 Feed Lbs/Lb Gain	3.12	3.29	3.45	3.60	3.65				
16 Feed Return/\$100 Feed Fed	193.72	192.88	175.02	174.04	189.79				
	\$/Cwt	\$/Sow	\$/Cwt	\$/Sow	\$/Cwt	\$/Sow	\$/Cwt	\$/Sow	\$/Cwt
17									
18 Cash Mach & Equip Cost	5.75	214.68	3.50	119.51	3.27	121.52	3.59	123.26	2.81
19 Rent & Miscellaneous	0.20	7.40	1.48	22.28	1.75	55.11	1.48	50.73	1.08
20 Utilities	0.78	29.03	0.44	33.76	0.70	32.54	0.87	29.81	0.90
21 Livestock Health	1.78	66.42	2.55	18.06	2.74	113.25	3.64	125.00	2.09
22 Livestock Supply/Bedding	1.68	62.83	1.20	160.05	1.00	48.59	0.81	27.84	1.95
23 Property Tax & Building Repair	0.66	24.71	1.08	43.43	1.01	39.68	1.15	39.37	1.08
24 Interest	1.31	49.09	1.29	24.39	1.20	37.27	1.24	42.69	0.92
25 Insurance	0.32	11.99	0.23	23.68	0.57	27.46	0.81	27.86	0.63
26 Labor Hired	2.03	75.75	0.33	13.40	1.70	95.17	3.17	108.77	2.06
27 Total Cash Expense	14.51	541.90	12.11	458.55	13.95	570.59	16.74	575.33	13.53
28 Mach & Equip Depreciation	1.73	64.77	1.89	79.15	1.45	48.87	1.33	45.65	1.37
29 Bldg & Imprv Depreciation	0.57	21.14	0.24	34.37	0.37	20.11	0.54	18.53	1.00
30 Unpaid Labor Charge	2.40	89.47	1.15	105.50	0.99	43.95	1.05	36.25	1.43
31 Equity Charge	2.20	82.14	2.82	230.01	2.22	101.11	2.50	86.06	1.89
32 Total Econ Cost w/ Feed	43.90	1639.70	41.97	1830.01	42.99	1657.48	46.02	1581.45	41.80
33 Family Living Costs	10.95	409.17	3.25	213.75	2.94	132.32	3.54	121.59	3.75
34 Principal Payments	1.94	72.37	0.63		0.94	40.75	1.45	49.94	0.49
35 Total Cash Flow Cost w/ Feed	49.90	1863.71	39.74	1594.74	41.83	1616.50	45.59	1566.50	40.35
36									
37 Misc. Production and Marketing Data									
38 Sows Farrowed, Pigs Weaned	184	1644	184	1775	446	3808	721	5988	332
39 Weaning Average		8.93		9.65		8.54		8.31	
40 Death Loss Weight %		3.2		2.0		2.3		3.4	
41 Average Sow Units		114		111		285		401	
42 Number Feeder Purchased						412			
43 Avg Feeder Purchase Wt/Head						16			
44 Average Feeder Price/Head						37.04			51.81
45 No. Market Fat/Feeder Sold	1554	16	2936	57	3552	72	4904	15	2639
46 Avg Market Fat/Feeder Weight	260	61	263	20	261	50	257	69	267
47 Avg Market Fat/Feeder \$/Cwt	48.48	110.59	46.97	175.18	46.13	123.82	45.95	105.29	46.02
48 No Brdg Sold, Avg Wt	60	553	125	446	169	435	198	471	119
49 Average Breeding Selling Price/Cwt		32.64		29.29		33.34		31.99	
50 Hogs Produced/Sow Unit		13.15		19.92		15.54		12.73	
51 Hogs Produced/Crate		34.25		89.02		75.59		64.80	
52 Breeding Stock Inventory Change		(13)		(50)		(5)		(11)	
53 Swine Enterprise Net		(1,361)		30,778		(9,480)		(62,122)	
54 Average Feed Cost/Cwt		7.20		6.56		6.83		6.89	
55									
56 Return to Capital (%)		4.31				0.36		1.08	
57 Return to Hour Labor (\$/Hr)		3.50		29.81		6.81		2.00	

TABLE 4. ANNUAL DEPRECIATION PERCENTAGES FOR 3-YR PROPERTY, 150% DB

Tax Year	Mid-Year Convention	Mid-Quarter Convention			
		Quarter Placed in Service			
		1	2	3	4
1	25.000%	43.750%	31.250%	18.750%	6.250%
2	37.500	28.125	34.375	40.625	46.875
3	25.000	25.000	25.000	25.000	25.000
4	12.500	3.125	9.375	15.625	21.875
Total	100.000%	100.000%	100.000%	100.000%	100.000%

TABLE 5. ANNUAL DEPRECIATION PERCENTAGES FOR 5-YR PROPERTY, 150% DB

Tax Year	Mid-Year Convention	Mid-Quarter Convention			
		Quarter Placed in Service			
		1	2	3	4
1	15.000%	26.250%	18.750%	11.250%	3.750%
2	25.500	22.125	24.375	26.625	28.875
3	17.850	16.520	17.062	18.637	20.212
4-5	16.660	16.520	16.763	16.567	16.404
6	8.330	2.065	6.287	10.354	14.355
Total	100.000%	100.000%	100.000%	100.000%	100.000%

TABLE 6. ANNUAL DEPRECIATION PERCENTAGES FOR 6-YR PROPERTY, 150% DB

Tax Year	Mid-Year Convention	Mid-Quarter Convention			
		Quarter Placed in Service			
		1	2	3	4
1	12.500%	21.875%	15.625%	9.375%	3.125%
2	21.875	19.531	21.094	22.656	24.219
3	16.406	14.649	15.820	16.992	18.164
4-6	14.063	14.062	14.063	14.063	14.062
7	7.032	1.759	5.272	8.788	12.306
Total	100.000%	100.000%	100.000%	100.000%	100.000%

TABLE 7. ANNUAL DEPRECIATION PERCENTAGES FOR 7-YR PROPERTY, 150% DB

Tax Year	Mid-Year Convention	Mid-Quarter Convention			
		Quarter Placed in Service			
		1	2	3	4
1	10.714%	18.750%	13.393%	8.036%	2.679%
2	19.133	17.411	18.559	19.707	20.854
3	15.033	13.680	14.582	15.484	16.386
4	12.249	12.160	12.221	12.275	12.874
5-7	12.249	12.160	12.221	12.275	12.182
8	6.124	1.520	4.582	7.673	10.661
Total	100.000%	100.000%	100.000%	100.000%	100.000%

TABLE 8. ANNUAL DEPRECIATION PERCENTAGES, 10-YR PROPERTY, 150% DB

Tax Year	Mid-Year Convention	Mid-Quarter Convention			
		Quarter Placed in Service			
		1	2	3	4
1	7.500%	13.125%	9.375%	5.625%	1.875%
2	13.875	13.031	13.594	14.156	14.719
3	11.794	11.077	11.555	12.033	12.511
4	10.025	9.415	9.821	10.228	10.634
5	8.739	8.711	8.730	8.748	9.039
6-10	8.739	8.710	8.730	8.748	8.718
11	4.372	1.092	3.275	5.470	7.632
Total	100.000%	100.000%	100.000%	100.000%	100.000%

TABLE 9. ANNUAL DEPRECIATION PERCENTAGES, 12-YR PROPERTY, 150% DB

Tax Year	Mid-Year Convention	Mid-Quarter Convention			
		Quarter Placed in Service			
		1	2	3	4
1	6.250%	10.938%	7.813%	4.688%	1.563%
2	11.719	11.133	11.523	11.914	12.305
3	10.254	9.741	10.083	10.425	10.767
4	8.972	8.524	8.823	9.122	9.421
5	7.851	7.458	7.720	7.981	8.243
6-12	7.327	7.327	7.327	7.327	7.327
13	3.665	0.917	2.749	4.581	6.412
Total	100.000%	100.000%	100.000%	100.000%	100.000%

TABLE 10. ANNUAL DEPRECIATION PERCENTAGES, 15-YR PROPERTY, 150% DB

Tax Year	Mid-Year Convention	Mid-Quarter Convention			
		Quarter Placed in Service			
		1	2	3	4
1	5.000%	8.750%	6.250%	3.750%	1.250%
2	9.500	9.125	9.375	9.625	9.875
3	8.550	8.212	8.437	8.662	8.887
4	7.695	7.391	7.593	7.796	7.998
5	6.925	6.652	6.834	7.017	7.198
6	6.232	5.987	6.151	6.315	6.479
7-15	5.905	5.905	5.905	5.905	5.905
16	2.953	0.738	2.215	3.691	5.168
Total	100.000%	100.000%	100.000%	100.000%	100.000%

TABLE 11. ANNUAL DEPRECIATION PERCENTAGES, 20-YR PROPERTY, 150% DB

Tax Year	Mid-Year Convention	Mid-Quarter Convention			
		Quarter Placed in Service			
		1	2	3	4
1	3.750%	6.562%	4.687%	2.812%	0.937%
2	7.218	7.007	7.148	7.289	7.429
3	6.677	6.482	6.612	6.742	6.872
4	6.176	5.996	6.116	6.236	6.357
5	5/713	5.546	5.657	5.769	5.880
6	5.285	5.130	5.233	5.336	5.439
7	4.888	4.745	4.841	4.936	5.031
8	4.522	4.457	4.477	4.568	4.654
9-20	4.461	4.460	4.463	4.460	4.458
21	2.239	0.555	1.673	2.792	3.905
Total	100.000%	100.000%	100.000%	100.000%	100.000%

TABLE 12. ANNUAL FRACTIONS FOR STRAIGHT LINE OVER N YEARS (N < 26)

Tax Year	Mid-Year Convention	Mid-Quarter Convention			
		Quarter Placed in Service			
		1	2	3	4
1	1/2	7/8	5/8	3/8	1/8
2-N	1	1	1	1	1
N+1	1/2	1/8	3/8	5/8	7/8

DEPRECIATION FORMULA: Basis ÷ N times number from above table.

TABLE 13. ANNUAL FRACTIONS FOR 27½ YEAR PROPERTY, REGULAR MACRS

Tax Year	Month Placed in Service											
	1	2	3	4	5	6	7	8	9	10	11	12
1	11.5	10.5	9.5	8.5	7.5	6.5	5.5	4.5	3.5	2.5	1.5	0.5
2-27	12	12	12	12	12	12	12	12	12	12	12	12
28	6.5	7.5	8.5	9.5	10.5	11.5	12	12	12	12	12	12
29	-	-	-	-	-	-	0.5	1.5	2.5	3.5	4.5	5.5

DEPRECIATION FORMULA: Basis ÷ 27½ ÷ 12 times number from above table.

TABLE 14. ANNUAL FRACTIONS FOR 31½ YEAR PROPERTY, REGULAR MACRS

Tax Year	Month Placed in Service											
	1	2	3	4	5	6	7	8	9	10	11	12
1	11.5	10.5	9.5	8.5	7.5	6.5	5.5	4.5	3.5	2.5	1.5	0.5
2-31	12	12	12	12	12	12	12	12	12	12	12	12
32	6.5	7.5	8.5	9.5	11.5	12	12	12	12	12	12	12
33	-	-	-	-	-	-	0.5	1.5	2.5	3.5	4.5	5.5

DEPRECIATION FORMULA: Basis ÷ 31½ ÷ 12 times number from above table.

TABLE 15. ANNUAL FRACTIONS FOR ALTERNATIVE MACRS, 40 YEARS

Tax Year	Month Placed in Service											
	1	2	3	4	5	6	7	8	9	10	11	12
1	11.5	10.5	9.5	8.5	7.5	6.5	5.5	4.5	3.5	2.5	1.5	0.5
2-40	12	12	12	12	12	12	12	12	12	12	12	12
41	0.5	1.5	2.5	3.5	4.5	5.5	6.5	7.5	8.5	9.5	10.5	11.5

DEPRECIATION FORMULA: BASIS ÷ 40 ÷ 12 times number from above table.

COOPERATIVE EXTENSION SERVICE
 U.S. DEPARTMENT OF AGRICULTURE
 UNIVERSITY OF MISSOURI
 CLARK HALL, COLUMBIA, MISSOURI 65211



BULK RATE
 POSTAGE & FEES PAID
 EXTENSION SERVICE
 PERMIT NO. G-268.

OFFICIAL BUSINESS
 PENALTY FOR PRIVATE USE, \$300

THIRD CLASS BULK RATE

Clare Farms

Net Worth Statement

Date Dec 31, 2007

Name _____

Farm Assets	Cost Value	Market Value	Farm Liabilities	Market Value
Checking and savings accounts	2,535	2,535	Accounts payable (Sched. N)	1,420
	7,000	7,000	Farm taxes due (Sched. O)	1,000
Crops held for sale or feed (Sched. A)	37,950	37,950	Current notes and credit lines (Sched. P)	12,000
Investment in growing crops (Sched. B)	1,520	1,520	Accrued interest - short (Sched. P)	540
Commercial feed on hand (Sched. C)	1,840	1,840	- fixed (Sched. Q)	12,300
Prepaid expenses (Sched. D)	1,000	1,000		
Market livestock (Sched. E)	41,209	41,209	Due in 12 months - fixed (Sched. Q)	10,800
Supplies on hand (Sched. F)	3,630	3,630		
Accounts receivable (Sched. G)	3,240	3,240	Other current liabilities	
Other current assets				
Total Current Assets	99,924	99,924	Total Current Liabilities	38,060
Unpaid coop. distributions (Sched. H)	5,150	5,150	Notes and contracts, remainder (Sched. Q)	147,700
Breeding livestock (Sched. I)	40,800	40,800		
Machinery and equipment (Sched. J)	89,881	84,000		
Buildings/improvements (Sched. K)	34,650	30,000		
Farmland (Sched. L)	231,000	147,000		
Farm securities, certificates (Sched. M)	2,000	2,000		
Other fixed assets			Other fixed liabilities	
Total Fixed Assets	403,481	308,950	Total Fixed Liabilities	147,700
a. Total Farm Assets	503,405	408,874	b. Total Farm Liabilities	185,760
c. Farm Net Worth (a - b)	317,645	223,114		
d. Farm Net Worth Last Year	304,927	211,745		
e. Change (c - d)	12,718	11,369		
Personal Assets			Personal Liabilities	
Bank accounts, stocks, bonds		1,240	Credit card, charge accounts, other loans	1,385
Automobiles, boats, etc.		26,500	Automobile loans	8,221
Household goods, clothing		18,000	Other loans, taxes due	0
Real estate		0	Real estate, other long-term loans	0
f. Total Personal Assets		45,740	g. Total Personal Liabilities	9,606
h. Total Personal Net Worth (f - g)		36,134	Total Personal Liabilities	= 21%
i. Total Net Worth, Market Value (c + h)		259,248	Total Personal Assets	Debt to asset ratio

Clare Farms

Net Farm Income Statement

Year **2007**

Name

Income		Ending	Beginning
Cash Income			
Sale of livestock, other bought for resale	0	37,950	40,630
Sales of market livestock, grain, produce	79,830	41,209	43,050
Cooperative distributions paid	516	3,240	0
Agricultural program payments	8,318	5,150	4,660
Crop insurance proceeds	637	40,800	41,150
Custom hire income	1,162		
Other cash income	991		
Sales of breeding livestock	10,190		
a. Total Cash Income	101,644	b. 28,349	c. 29,490
		d. Value of Home Used Production 760	
		e. Gross Farm Revenue (a + b - c + d) 101,263	

Expenses			
Cash Expenses		Beginning	Ending
Car and truck expenses		1,600	1,520
Chemicals	2,160	720	1,840
Conservation expenses		150	1,000
Custom hire	650	450	3,630
Employee benefits		Ending	Beginning
Feed purchased	21,900	1,420	780
Fertilizer and lime	4,010	1,000	960
Freight, trucking	1,540	11,340	12,360
Gasoline, fuel, oil	2,700		
Insurance	1,820		
Interest paid	17,689		
Labor hired	4,300		
Pension and profit-share plans			
Rent or lease payments	1,200		
Repairs, maintenance	5,200		
Seeds, plants	5,350		
Storage, warehousing			
Supplies purchased	1,320		
Taxes (farm)	2,000		
Utilities	1,880		
Veterinary fees, medicine, breeding	3,560		
Other cash expenses	560		
Livestock purchased	1,225		
f. Total Cash Expenses	79,064	g. 16,680	h. 22,090
		i. Depreciation (Sched. J, K) 8,281	
		j. Gross Farm Expenses (f + g - h + i) 81,935	
		k. Net Farm Income From Operations (e - j) 19,328	
		l. Sales of Farm Capital Assets 3,500	
		m. Cost Value of Items Sold (Sched. J, K, L) 0	
		n. Capital Gains or Losses (l - m) 3,500	
		o. Net Farm Income (k + n) 22,828	