

ESTIMATED VARIABLE COSTS 2008						
Date Last Revised:	12/1/2008		1,630 Acres			
ENTERPRISE						
VARIABLE COST PER ACRE	Corn	Soybeans	Wheat	Sweet Corn	Peas	Sugar Beets
Acres	550	500	80	120	80	300
Yield	180	50	62.5	7.5	4300	27.0
Fertilizer - Commercial	\$ 115.00	\$ 20.00	\$ 80.00	\$ 55.00	\$ 25.00	\$ 50.00
Fertilizer - Manure Value	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Seed	\$ 76.00	\$ 36.00	\$ 32.00	\$ -	\$ -	\$ 124.00
Chemical - Herbicides	\$ 21.00	\$ 20.00	\$ 21.00	\$ 30.00	\$ 30.00	\$ 107.00
Chemical - Insecticides	\$ -	\$ 13.00	\$ -	\$ -	\$ -	\$ -
Chemical - Fungicides	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Crop Insurance - Multi-Peril	\$ 29.00	\$ 18.00	\$ 25.00	\$ 20.00	\$ 35.00	\$ 30.00
Crop Insurance - Hail	\$ -	\$ 6.00	\$ -	\$ -	\$ -	\$ -
Fuel	\$ 24.00	\$ 13.00	\$ 16.00	\$ 17.00	\$ 12.00	\$ 25.00
Drying Costs	\$ 12.00	\$ -	\$ -	\$ -	\$ -	\$ -
Grain Bin Rent / Corn Storage	\$ -	\$ 3.00	\$ -	\$ -	\$ -	\$ -
Hauling & Trucking	\$ 8.00	\$ 2.00	\$ 3.00	\$ -	\$ -	\$ 72.00
Equip Maint / Repairs	\$ 15.00	\$ 15.00	\$ 15.00	\$ 12.00	\$ 7.00	\$ 25.00
Hired Labor	\$ 7.00	\$ 5.00	\$ 6.00	\$ -	\$ -	\$ 25.00
Custom Hire	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25.00
Utilities or Irrigation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Irrigation Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Marketing	\$ 3.00	\$ 3.00	\$ 3.00	\$ 3.00	\$ -	\$ -
Supplies	\$ 2.00	\$ 2.00	\$ 2.00	\$ 2.00	\$ 3.00	\$ 10.00
Stock Ownership	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 80.00
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Variable Costs Per Acre	\$ 312.00	\$ 156.00	\$ 203.00	\$ 139.00	\$ 112.00	\$ 573.00
Variable Costs Per Bushel or Unit	\$ 1.73	\$ 3.12	\$ 3.25	\$ 18.53	\$ 0.03	\$ 21.22
Total Variable Costs Per Enterprise	\$ 171,600.00	\$ 78,000.00	\$ 16,240.00	\$ 16,680.00	\$ 8,960.00	\$ 171,900.00
Total Overhead Costs Per Enterprise	\$ 120,520.86	\$ 109,564.42	\$ 17,530.31	\$ 26,295.46	\$ 17,530.31	\$ 65,738.65
Total Enterprise Variable & Overhead	\$ 292,120.86	\$ 187,564.42	\$ 33,770.31	\$ 42,975.46	\$ 26,490.31	\$ 237,638.65
Total Farm Crop Costs	\$ 582,921.35					

VARIABLE COST TOTAL DOLLARS PER ENTERPRISE							
2008 Crop Year	Corn	Soybeans	Wheat	Sweet Corn	Peas	Sugar Beets	Total Crops
Acres	550	500	80	120	80	300	1,630
Yield	180	50	62.5	7.5	4,300	27.0	
Fertilizer - Commercial	\$ 63,250	\$ 10,000	\$ 6,400	\$ 6,600	\$ 2,000	\$ 15,000	\$ 103,250
Fertilizer - Manure Value	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Seed	\$ 41,800	\$ 18,000	\$ 2,560	\$ -	\$ -	\$ 37,200	\$ 99,560
Chemical - Herbicides	\$ 11,550	\$ 10,000	\$ 1,680	\$ 3,600	\$ 2,400	\$ 32,100	\$ 61,330
Chemical - Insecticides	\$ -	\$ 6,500	\$ -	\$ -	\$ -	\$ -	\$ 6,500
Chemical - Fungicides	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Crop Insurance - Multi-Peril	\$ 15,950	\$ 9,000	\$ 2,000	\$ 2,400	\$ 2,800	\$ 9,000	\$ 41,150
Crop Insurance - Hail	\$ -	\$ 3,000	\$ -	\$ -	\$ -	\$ -	\$ 3,000
Fuel	\$ 13,200	\$ 6,500	\$ 1,280	\$ 2,040	\$ 960	\$ 7,500	\$ 31,480
Drying Costs	\$ 6,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,600
Grain Bin Rent / Corn Storage	\$ -	\$ 1,500	\$ -	\$ -	\$ -	\$ -	\$ 1,500
Hauling & Trucking	\$ 4,400	\$ 1,000	\$ 240	\$ -	\$ -	\$ 21,600	\$ 27,240
Equip Maint / Repairs	\$ 8,250	\$ 7,500	\$ 1,200	\$ 1,440	\$ 560	\$ 7,500	\$ 26,450
Hired Labor	\$ 3,850	\$ 2,500	\$ 480	\$ -	\$ -	\$ 7,500	\$ 14,330
Custom Hire	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,500	\$ 7,500
Utilities or Irrigation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Irrigation Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Marketing	\$ 1,650	\$ 1,500	\$ 240	\$ 360	\$ -	\$ -	\$ 3,750
Supplies	\$ 1,100	\$ 1,000	\$ 160	\$ 240	\$ 240	\$ 3,000	\$ 5,740
Stock Ownership	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24,000	\$ 24,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Variable Costs Per Enterprise	\$ 171,600	\$ 78,000	\$ 16,240	\$ 16,680	\$ 8,960	\$ 171,900	\$ 463,380

Average Land Cost Calculations

RENTED ACRES					
Farm Description	Acres	Share	Acre Share	Rent	Total \$
Farm 1	320.00	100%	320.00	\$ 170.00	\$ 54,400
Farm 2	400.00	100%	400.00	\$ 180.00	\$ 72,000
Farm 3	160.00	100%	160.00	\$ 165.00	\$ 26,400
Farm 4	120.00	100%	120.00	\$ 160.00	\$ 19,200
Farm 5	150.00	100%	150.00	\$ 180.00	\$ 27,000
Farm 6	0.00	100%	0.00	\$ -	\$ -
Farm 7	0.00	100%	0.00	\$ -	\$ -
Farm 8	0.00	100%	0.00	\$ -	\$ -
Farm 9	0.00	100%	0.00	\$ -	\$ -
Farm 10	0.00	100%	0.00	\$ -	\$ -
Totals Rented Acres	1150.00		1150.00	\$ 173.04	\$ 199,000

OWNED ACRES COSTS	
TOTAL ACRES OWNED	480.00

Description	Acres	Per Acre	Total \$
Long Term Principal & Interest	0.00	\$ -	\$ -
Long Term Principal & Interest Farm 1	240.00	\$ 122.92	\$ 29,500.00
Long Term Principal & Interest Farm 2	160.00	\$ 145.00	\$ 23,200.00
Long Term Principal & Interest Farm 3	80.00	\$ 165.00	\$ 13,200.00
Long Term Principal & Interest	0.00	\$ -	\$ -
Long Term Principal & Interest	0.00	\$ -	\$ -
Other Farm 1	240.00	\$ 23.00	\$ 5,520.00
Property Taxes Farm 2	160.00	\$ 23.00	\$ 3,680.00
Property Taxes Farm 3	80.00	\$ -	\$ -
Other	0.00	\$ -	\$ -
Totals	480.00	\$ 156.46	\$ 75,100.00

LAND COSTS	Acres	Acres Share	Total \$
TOTAL FOR ALL ACRES	1630.00	1630.00	\$ 274,100
AVERAGE LAND COST PER ACRE	\$ 168.16	\$ 168.16	

FIXED COSTS TO ALLOCATE							
Item	Total	Crop Enterprises					
		Corn	Soybeans	Wheat	Sweet Corn	Peas	Sugar Beets
2008 Crop Year							
Acres	1630	550	500	80	120	80	300
Enterprise Splits with Livestock	100.00%	33.7%	30.7%	4.9%	7.4%	4.9%	18.4%
Default Enterprise Splits	100.00%	33.7%	30.7%	4.9%	7.4%	4.9%	18.4%
Family Living	\$ 35,000.00	34%	31%	5%	7%	5%	18%
Health Insurance (if not in family living)	\$ 6,600.00	34%	31%	5%	7%	5%	18%
Taxes Income, FICA, Medicare	\$ 5,500.00	34%	31%	5%	7%	5%	18%
Utilities (not irrigation)	\$ 3,700.00	34%	31%	5%	7%	5%	18%
Insurance P&C (not crop ins)	\$ 5,400.00	34%	31%	5%	7%	5%	18%
Insurance other than P&C (Life)	\$ 2,640.00	34%	31%	5%	7%	5%	18%
School or College Tuition	\$ -	34%	31%	5%	7%	5%	18%
Accounting & Other Prof Services	\$ 780.00	34%	31%	5%	7%	5%	18%
Office Expense	\$ 980.00	34%	31%	5%	7%	5%	18%
Dues, Business Meetings & Promotion	\$ -	34%	31%	5%	7%	5%	18%
License (trucks & auto)	\$ 1,380.00	34%	31%	5%	7%	5%	18%
Operating Loan Interest	\$ 7,500.00	34%	31%	5%	7%	5%	18%
Equipment Loan Principal & Interest	\$ 8,600.00	34%	31%	5%	7%	5%	18%
Short Term Principal & Interest	\$ -	34%	31%	5%	7%	5%	18%
Intermediate Term Prin & Interest	\$ -	34%	31%	5%	7%	5%	18%
Long Term Loan P&I	\$ -	34%	31%	5%	7%	5%	18%
Equipment Lease	\$ -	34%	31%	5%	7%	5%	18%
Grain Bin Principal & Interest	\$ 5,000.00	34%	31%	5%	7%	5%	18%
FIXED EXPENSE & FAMILY LIVING	\$ 83,080	\$ 28,033	\$ 25,485	\$ 4,078	\$ 6,116	\$ 4,078	\$ 15,291
FIXED EXPENSE PER ACRE / HEAD		\$ 50.97	\$ 50.97	\$ 50.97	\$ 50.97	\$ 50.97	\$ 50.97
FIXED PER BUSHEL / UNIT		\$ 0.28	\$ 1.02	\$ 0.82	\$ 6.80	\$ 0.01	\$ 1.89
LAND EXPENSE ALLOCATION	100%	34%	31%	5%	7%	5%	18%
LAND COSTS	\$ 274,100	\$ 92,488	\$ 84,080	\$ 13,453	\$ 20,179	\$ 13,453	\$ 50,448
LAND COSTS PER ACRE		\$ 168.16	\$ 168.16	\$ 168.16	\$ 168.16	\$ 168.16	\$ 168.16
LAND COSTS PER BUSHEL / UNIT		\$ 0.93	\$ 3.36	\$ 2.69	\$ 22.42	\$ 0.04	\$ 6.23
OVERHEAD EXPENSE ALLOCATION	\$ 357,180	\$ 120,521	\$ 109,564	\$ 17,530	\$ 26,295	\$ 17,530	\$ 65,739
OVERHEAD EXPENSE PER ACRE		\$ 219.13	\$ 219.13	\$ 219.13	\$ 219.13	\$ 219.13	\$ 219.13
OVERHEAD EXPENSE Per BUSHEL / UNIT		\$ 1.22	\$ 4.38	\$ 3.51	\$ 29.22	\$ 0.05	\$ 8.12



ESTIMATED FIXED COSTS TO ALLOCATE							
Dollars per Enterprise							
Item 2008 Crop Year	Total	Crop Enterprises					
		Corn	Soybeans	Wheat	Sweet Corn	Peas	Sugar Beets
Acres	1,630	550	500	80	120	80	300
Family Living	\$ 35,000.00	\$ 11,810	\$ 10,736	\$ 1,718	\$ 2,577	\$ 1,718	\$ 6,442
Health Insurance (if not in family living)	\$ 6,600.00	\$ 2,227	\$ 2,025	\$ 324	\$ 486	\$ 324	\$ 1,215
Taxes Income, FICA, Medicare	\$ 5,500.00	\$ 1,856	\$ 1,687	\$ 270	\$ 405	\$ 270	\$ 1,012
Utilities (not irrigation)	\$ 3,700.00	\$ 1,248	\$ 1,135	\$ 182	\$ 272	\$ 182	\$ 681
Insurance P&C (not crop ins)	\$ 5,400.00	\$ 1,822	\$ 1,656	\$ 265	\$ 398	\$ 265	\$ 994
Insurance other than P&C (Life)	\$ 2,640.00	\$ 891	\$ 810	\$ 130	\$ 194	\$ 130	\$ 486
School or College Tuition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Accounting & Other Prof Services	\$ 780.00	\$ 263	\$ 239	\$ 38	\$ 57	\$ 38	\$ 144
Office Expense	\$ 980.00	\$ 331	\$ 301	\$ 48	\$ 72	\$ 48	\$ 180
Dues, Business Meetings & Promotion	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
License (trucks & auto)	\$ 1,380.00	\$ 466	\$ 423	\$ 68	\$ 102	\$ 68	\$ 254
Operating Loan Interest	\$ 7,500.00	\$ 2,531	\$ 2,301	\$ 368	\$ 552	\$ 368	\$ 1,380
Equipment Loan Principal & Interest	\$ 8,600.00	\$ 2,902	\$ 2,638	\$ 422	\$ 633	\$ 422	\$ 1,583
Short Term Principal & Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Intermediate Term Prin & Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Long Term Loan P&I	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Lease	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grain Bin Principal & Interest	\$ 5,000.00	\$ 1,687	\$ 1,534	\$ 245	\$ 368	\$ 245	\$ 920
FIXED EXPENSE & FAMILY LIVING	\$ 83,080	\$ 28,033	\$ 25,485	\$ 4,078	\$ 6,116	\$ 4,078	\$ 15,291
LAND COSTS	\$ 274,100	\$ 92,488	\$ 84,080	\$ 13,453	\$ 20,179	\$ 13,453	\$ 50,448
TOTAL OVERHEAD	\$ 357,180	\$ 120,521	\$ 109,564	\$ 17,530	\$ 26,295	\$ 17,530	\$ 65,739

FIXED COSTS TO ALLOCATE - \$\$ Per Acre or Per Head							
Item 2008 Crop Year	Total	Crop Enterprises					
		Corn	Soybeans	Wheat	Sweet Corn	Peas	Sugar Beets
Acres	1630	550	500	80	120	80	300
Family Living	\$ 35,000.00	\$ 21.47	\$ 21.47	\$ 21.47	\$ 21.47	\$ 21.47	\$ 80.52
Health Insurance (if not in family living)	\$ 6,600.00	\$ 4.05	\$ 4.05	\$ 4.05	\$ 4.05	\$ 4.05	\$ 15.18
Taxes Income, FICA, Medicare	\$ 5,500.00	\$ 3.37	\$ 3.37	\$ 3.37	\$ 3.37	\$ 3.37	\$ 12.65
Utilities (not irrigation)	\$ 3,700.00	\$ 2.27	\$ 2.27	\$ 2.27	\$ 2.27	\$ 2.27	\$ 8.51
Insurance P&C (not crop ins)	\$ 5,400.00	\$ 3.31	\$ 3.31	\$ 3.31	\$ 3.31	\$ 3.31	\$ 12.42
Insurance other than P&C (Life)	\$ 2,640.00	\$ 1.62	\$ 1.62	\$ 1.62	\$ 1.62	\$ 1.62	\$ 6.07
School or College Tuition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Accounting & Other Prof Services	\$ 780.00	\$ 0.48	\$ 0.48	\$ 0.48	\$ 0.48	\$ 0.48	\$ 1.79
Office Expense	\$ 980.00	\$ 0.60	\$ 0.60	\$ 0.60	\$ 0.60	\$ 0.60	\$ 2.25
Dues, Business Meetings & Promotion	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
License (trucks & auto)	\$ 1,380.00	\$ 0.85	\$ 0.85	\$ 0.85	\$ 0.85	\$ 0.85	\$ 3.17
Operating Loan Interest	\$ 7,500.00	\$ 4.60	\$ 4.60	\$ 4.60	\$ 4.60	\$ 4.60	\$ 17.25
Equipment Loan Principal & Interest	\$ 8,600.00	\$ 5.28	\$ 5.28	\$ 5.28	\$ 5.28	\$ 5.28	\$ 19.79
Short Term Principal & Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Intermediate Term Prin & Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Long Term Loan P&I	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Lease	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grain Bin Principal & Interest	\$ 5,000.00	\$ 3.07	\$ 3.07	\$ 3.07	\$ 3.07	\$ 3.07	\$ 11.50
FIXED PER ACRE / HEAD	\$ 83,080	\$ 50.97	\$ 50.97	\$ 50.97	\$ 50.97	\$ 50.97	\$ 191.13
LAND PER ACRE	\$ 274,100	\$ 168.16	\$ 168.16	\$ 168.16	\$ 168.16	\$ 168.16	\$ 168.16
OVERHEAD PER ACRE	\$ 357,180	\$ 219.13	\$ 219.13	\$ 219.13	\$ 219.13	\$ 219.13	\$ 219.13

RETURN TO NET WORTH							
Total Net Worth	\$ 2,160,000						
Percent Return on Net Worth Desired	7.5%						
Total Return Goal	\$ 162,000						
		Corn	Soybeans	Wheat	Sweet Corn	Peas	Sugar Beets
Portion of Return from this Enterprise	100.00%	34%	31%	5%	7%	5%	18%
Total Return from this Enterprise		\$ 54,663	\$ 49,693	\$ 7,951	\$ 11,926	\$ 7,951	\$ 29,816
Dollar Per Acre Goal		\$ 99.39	\$ 99.39	\$ 99.39	\$ 99.39	\$ 99.39	\$ 99.39
Dollar Per Bushel / Unit Goal		\$ 0.55	\$ 1.99	\$ 1.59	\$ 13.25	\$ 0.02	\$ 3.68

Setting Your Profit Zone

Corn 2008 Enterprise Profit Zone						
		Total			Per Acre	
Overhead Allocation		\$ 120,521			\$ 219	
Variable Costs Per Acre					\$ 312	
Total Costs Per Acre					\$ 531	
Return to Net Worth		\$ 54,663			\$ 99	
Total Revenue Goal Per Acre					\$ 630.52	
Gross Revenue Goal					\$ 346,783	
Acres	Historical Average Yield	Yield as a % of historical average yield	Realized yield	Total Bushels	Costs/Bu	Revenue Goal / Bu (Costs+Profit)
550		120.00%	216.0	118,800	\$ 2.46	\$ 2.92
550		110.00%	198.0	108,900	\$ 2.68	\$ 3.18
550	180.0	100.00%	180.0	99,000	\$ 2.95	\$ 3.50
550		90.00%	162.0	89,100	\$ 3.28	\$ 3.89
550		75.00%	135.0	74,250	\$ 3.93	\$ 4.67

With Revenue Guarantee Per Acre		\$ 708.75		-0.50 basis per unit		\$ 618.750		Guarantee With Basis	
Corn 2008		Sensitivity Analysis Per Acre				\$ 0.20 price differential		8 Yield differential	
Cash Price Per Bushel	148	156	164	172	180	188	196		
\$1.85	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88
\$2.07	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88
\$2.29	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88
\$2.51	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88
\$2.73	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88
\$2.95	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88
\$3.15	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88
\$3.35	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88	\$ 99	\$ 126	\$ 126
\$3.55	\$ 88	\$ 88	\$ 88	\$ 88	\$ 88	\$ 108	\$ 136	\$ 165	\$ 165
\$3.75	\$ 88	\$ 88	\$ 88	\$ 114	\$ 144	\$ 174	\$ 204	\$ 204	\$ 204
\$3.95	\$ 88	\$ 88	\$ 117	\$ 148	\$ 180	\$ 212	\$ 243	\$ 243	\$ 243
\$4.15	\$ 88	\$ 116	\$ 150	\$ 183	\$ 216	\$ 249	\$ 282	\$ 282	\$ 282
\$4.35	\$ 113	\$ 148	\$ 182	\$ 217	\$ 252	\$ 287	\$ 322	\$ 322	\$ 322
\$4.55	\$ 142	\$ 179	\$ 215	\$ 252	\$ 288	\$ 324	\$ 361	\$ 361	\$ 361
\$4.75	\$ 172	\$ 210	\$ 248	\$ 286	\$ 324	\$ 362	\$ 400	\$ 400	\$ 400

Soybeans 2008 Enterprise Profit Zone						
		Total			Per Acre	
Overhead Allocation		\$ 109,564			\$ 219	
Variable Costs Per Acre					\$ 156	
Total Costs Per Acre					\$ 375	
Return to Net Worth		\$ 49,693			\$ 99	
Total Revenue Goal Per Acre					\$ 475	
Gross Revenue Goal					\$ 237,258	
Acres	Historical Average Yield	Yield as a % of historical average yield	Realized yield	Total Bushels	Costs/Bu	Revenue Goal / Bu (Costs+Profit)
500		120.00%	60.0	30,000	\$ 6.25	\$ 7.91
500		110.00%	55.0	27,500	\$ 6.82	\$ 8.63
500	50.0	100.00%	50.0	25,000	\$ 7.50	\$ 9.49
500		90.00%	45.0	22,500	\$ 8.34	\$ 10.54
500		75.00%	37.5	18,750	\$ 10.00	\$ 12.65

With Revenue Guarantee Per Acre		\$ 531.06	-0.70 basis per unit		\$ 496.060	Guarantee with basis	
Soybeans 2008	Sensitivity Analysis Per Acre			\$ 0.50	price differential	4	Yield differential
Cash Price Per Bushel	34	38	42	46	50	54	58
\$4.90	\$ 121	\$ 121	\$ 121	\$ 121	\$ 121	\$ 121	\$ 121
\$5.42	\$ 121	\$ 121	\$ 121	\$ 121	\$ 121	\$ 121	\$ 121
\$5.94	\$ 121	\$ 121	\$ 121	\$ 121	\$ 121	\$ 121	\$ 121
\$6.46	\$ 121	\$ 121	\$ 121	\$ 121	\$ 121	\$ 121	\$ 121
\$6.98	\$ 121	\$ 121	\$ 121	\$ 121	\$ 121	\$ 121	\$ 121
\$7.50	\$ 121	\$ 121	\$ 121	\$ 121	\$ 121	\$ 121	\$ 121
\$8.00	\$ 121	\$ 121	\$ 121	\$ 121	\$ 121	\$ 121	\$ 121
\$8.50	\$ 121	\$ 121	\$ 121	\$ 121	\$ 121	\$ 121	\$ 121
\$9.00	\$ 121	\$ 121	\$ 121	\$ 121	\$ 121	\$ 121	\$ 147
\$9.50	\$ 121	\$ 121	\$ 121	\$ 121	\$ 121	\$ 138	\$ 176
\$9.50	\$ 121	\$ 121	\$ 121	\$ 121	\$ 121	\$ 138	\$ 176
\$10.00	\$ 121	\$ 121	\$ 121	\$ 121	\$ 125	\$ 165	\$ 205
\$10.50	\$ 121	\$ 121	\$ 121	\$ 121	\$ 150	\$ 192	\$ 234
\$11.00	\$ 121	\$ 121	\$ 121	\$ 131	\$ 175	\$ 219	\$ 263
\$11.50	\$ 121	\$ 121	\$ 121	\$ 154	\$ 200	\$ 246	\$ 292

Wheat 2008 Enterprise Profit Zone						
		Total			Per Acre	
Overhead Allocation		\$ 17,530			\$ 219	
Variable Costs Per Acre					\$ 203.00	
Total Costs Per Acre					\$ 422.13	
Return to Net Worth		\$ 7,951			\$ 99.39	
Total Revenue Goal Per Acre					\$ 521.52	
Gross Revenue Goal					\$ 41,721	
Acres	Historical Average Yield	Yield as a % of historical average yield	Realized yield	Total Bushels	Costs/Bu	Revenue Goal / Bu (Costs+Profit)
80		120.00%	75.0	6,000	\$ 5.63	\$ 6.95
80		110.00%	68.8	5,500	\$ 6.14	\$ 7.59
80	62.5	100.00%	62.5	5,000	\$ 6.75	\$ 8.34
80		90.00%	56.3	4,500	\$ 7.50	\$ 9.27
80		75.00%	46.9	3,750	\$ 9.01	\$ 11.13

With Revenue Guarantee Per Acre \$ 391.50 -0.35 basis per unit \$ 369.625 Guarantee with basis

Wheat 2008		Sensitivity Analysis Per Acre						
Cash Price Per Bushel	50.5	53.5	56.5	59.5	62.5	65.5	68.5	
\$2.90	\$ (53)	\$ (53)	\$ (53)	\$ (53)	\$ (53)	\$ (53)	\$ (53)	
\$3.67	\$ (53)	\$ (53)	\$ (53)	\$ (53)	\$ (53)	\$ (53)	\$ (53)	
\$4.44	\$ (53)	\$ (53)	\$ (53)	\$ (53)	\$ (53)	\$ (53)	\$ (53)	
\$5.21	\$ (53)	\$ (53)	\$ (53)	\$ (53)	\$ (53)	\$ (53)	\$ (53)	
\$5.98	\$ (53)	\$ (53)	\$ (53)	\$ (53)	\$ (48)	\$ (30)	\$ (12)	
\$6.75	\$ (53)	\$ (53)	\$ (41)	\$ (20)	\$ 20	\$ 41	\$ 41	
\$7.00	\$ (53)	\$ (47)	\$ (26)	\$ (5)	\$ 16	\$ 37	\$ 58	
\$7.25	\$ (53)	\$ (34)	\$ (12)	\$ 9	\$ 31	\$ 53	\$ 75	
\$7.50	\$ (43)	\$ (21)	\$ 2	\$ 24	\$ 47	\$ 69	\$ 92	
\$7.75	\$ (31)	\$ (7)	\$ 16	\$ 39	\$ 63	\$ 86	\$ 109	
\$8.00	\$ (18)	\$ 6	\$ 30	\$ 54	\$ 78	\$ 102	\$ 126	
\$8.25	\$ (5)	\$ 19	\$ 44	\$ 69	\$ 94	\$ 119	\$ 143	
\$8.50	\$ 7	\$ 33	\$ 58	\$ 84	\$ 109	\$ 135	\$ 160	
\$8.75	\$ 20	\$ 46	\$ 72	\$ 99	\$ 125	\$ 151	\$ 178	
\$9.00	\$ 33	\$ 60	\$ 87	\$ 114	\$ 141	\$ 168	\$ 195	

Sweet Corn 2008 Enterprise Profit Zone						
		Total		Per Acre		
Overhead Allocation		\$	26,295	\$	219	
Variable Costs Per Acre				\$	139.00	
Total Costs Per Acre				\$	358.13	
Return to Net Worth		\$	11,926	\$	99.39	
Total Revenue Goal Per Acre				\$	457.52	
Gross Revenue Goal				\$	54,902	
Acres	Historical Average Yield	Yield as a % of historical average yield	Realized yield	Total Bushels	Costs / Bushel or Unit	Revenue Goal / Bu or Unit (Costs+Profit)
120		120.00%	9.0	1,080	\$ 39.79	\$ 50.84
120		110.00%	8.3	990	\$ 43.41	\$ 55.46
120	7.5	100.00%	7.5	900	\$ 47.75	\$ 61.00
120		90.00%	6.8	810	\$ 53.06	\$ 67.78
120		75.00%	5.6	675	\$ 63.67	\$ 81.34

With Revenue Guarantee Per Acre \$ 506.25 0.00 basis per unit \$ 506.250 Guarantee with basis

Sweet Corn 2008	Sensitivity Analysis Per Acre					\$ 0.50 price differential	0.5	Yield differential
Cash Price Per Bushel / Unit	5.5	6.0	6.5	7.0	7.5	8.0	8.5	
\$35.00	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	
\$37.55	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	
\$40.10	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	
\$42.65	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	
\$45.20	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	
\$47.75	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	
\$48.25	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	
\$48.75	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	
\$49.25	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	
\$49.75	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	
\$50.25	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	
\$50.75	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	
\$51.25	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	
\$51.75	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	
\$52.25	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	\$ 148	

Peas 2008 Enterprise Profit Zone						
		Total			Per Acre	
Overhead Allocation		\$ 17,530			\$ 219	
Variable Costs Per Acre					\$ 112.00	
Total Costs Per Acre					\$ 331.13	
Return to Net Worth		\$ 7,951			\$ 99.39	
Total Revenue Goal Per Acre					\$ 430.52	
Gross Revenue Goal					\$ 34,441	
Acres	Historical Average Yield	Yield as a % of historical average yield	Realized yield	Total Bushels	Costs / Bushel or Unit	Revenue Goal / Bu or Unit (Costs+Profit)
80		120.00%	5160.0	412,800	\$ 0.06	\$ 0.08
80		110.00%	4730.0	378,400	\$ 0.07	\$ 0.09
80	4300.0	100.00%	4300.0	344,000	\$ 0.08	\$ 0.10
80		90.00%	3870.0	309,600	\$ 0.09	\$ 0.11
80		75.00%	3225.0	258,000	\$ 0.10	\$ 0.13

With Revenue Guarantee Per Acre \$ 290.25 -0.0010 basis per unit \$ 285.950 Guarantee with basis

Peas 2008	Sensitivity Analysis Per Acre						
Cash Price Per Bushel / Unit	3500.0	3700.0	3900.0	4100.0	4300.0	4500.0	4700.0
\$0.06	\$ (45)	\$ (45)	\$ (45)	\$ (45)	\$ (45)	\$ (45)	\$ (45)
\$0.06	\$ (45)	\$ (45)	\$ (45)	\$ (45)	\$ (45)	\$ (45)	\$ (33)
\$0.07	\$ (45)	\$ (45)	\$ (45)	\$ (45)	\$ (44)	\$ (31)	\$ (17)
\$0.07	\$ (45)	\$ (45)	\$ (45)	\$ (43)	\$ (29)	\$ (15)	\$ (1)
\$0.07	\$ (45)	\$ (45)	\$ (44)	\$ (29)	\$ (15)	\$ 0	\$ 15
\$0.08	\$ (45)	\$ (45)	\$ (31)	\$ (15)		\$ 15	\$ 31
\$0.09	\$ (27)	\$ (9)	\$ 8	\$ 26	\$ 43	\$ 60	\$ 78
\$0.10	\$ 8	\$ 28	\$ 47	\$ 67	\$ 86	\$ 105	\$ 125
\$0.11	\$ 43	\$ 65	\$ 86	\$ 108	\$ 129	\$ 150	\$ 172
\$0.12	\$ 78	\$ 102	\$ 125	\$ 149	\$ 172	\$ 195	\$ 219
\$0.13	\$ 113	\$ 139	\$ 164	\$ 190	\$ 215	\$ 240	\$ 266
\$0.14	\$ 148	\$ 176	\$ 203	\$ 231	\$ 258	\$ 285	\$ 313
\$0.15	\$ 183	\$ 213	\$ 242	\$ 272	\$ 301	\$ 330	\$ 360
\$0.16	\$ 218	\$ 250	\$ 281	\$ 313	\$ 344	\$ 375	\$ 407
\$0.17	\$ 253	\$ 287	\$ 320	\$ 354	\$ 387	\$ 420	\$ 454

Sugar Beets 2008 Enterprise Profit Zone						
		Total		Per Acre		
Overhead Allocation		\$	65,739		\$	219
Variable Costs Per Acre					\$	573.00
Total Costs Per Acre					\$	792.13
Return to Net Worth		\$	29,816		\$	99.39
Total Revenue Goal Per Acre					\$	891.52
Gross Revenue Goal					\$	267,455
Acres	Historical Average Yield	Yield as a % of historical average yield	Realized yield	Total Bushels / Units	Costs / Bushel or Unit	Revenue Goal / Bu or Unit (Costs+Profit)
300		120.00%	32.4	9,720	\$ 24.45	\$ 27.52
300		110.00%	29.7	8,910	\$ 26.67	\$ 30.02
300	27.0	100.00%	27.0	8,100	\$ 29.34	\$ 33.02
300		90.00%	24.3	7,290	\$ 32.60	\$ 36.69
300		75.00%	20.3	6,075	\$ 39.12	\$ 44.03

With Revenue Guarantee Per Acre \$ 831.60 0.01 basis per unit \$ 831.870 Guarantee with basis

Sugar Beets 2008	Sensitivity Analysis Per Acre						
Cash Price Per Bushel / Unit	15.0	18.0	21.0	24.0	27.0	30.0	33.0
\$35.00	\$ 40	\$ 40	\$ 40	\$ 48	\$ 153	\$ 258	\$ 363
\$29.34	\$ 40	\$ 40	\$ 40	\$ 40	\$ 40	\$ 88	\$ 176
\$29.34	\$ 40	\$ 40	\$ 40	\$ 40	\$ 40	\$ 88	\$ 176
\$29.34	\$ 40	\$ 40	\$ 40	\$ 40	\$ 40	\$ 88	\$ 176
\$29.34	\$ 40	\$ 40	\$ 40	\$ 40	\$ 40	\$ 88	\$ 176
\$29.34	\$ 40	\$ 40	\$ 40	\$ 40	\$ 40	\$ 88	\$ 176
\$31.34	\$ 40	\$ 40	\$ 40	\$ 40	\$ 54	\$ 148	\$ 242
\$33.34	\$ 40	\$ 40	\$ 40	\$ 40	\$ 108	\$ 208	\$ 308
\$35.34	\$ 40	\$ 40	\$ 40	\$ 56	\$ 162	\$ 268	\$ 374
\$37.34	\$ 40	\$ 40	\$ 40	\$ 104	\$ 216	\$ 328	\$ 440
\$39.34	\$ 40	\$ 40	\$ 40	\$ 152	\$ 270	\$ 388	\$ 506
\$41.34	\$ 40	\$ 40	\$ 76	\$ 200	\$ 324	\$ 448	\$ 572
\$43.34	\$ 40	\$ 40	\$ 118	\$ 248	\$ 378	\$ 508	\$ 638
\$45.34	\$ 40	\$ 40	\$ 160	\$ 296	\$ 432	\$ 568	\$ 704
\$47.34	\$ 40	\$ 60	\$ 202	\$ 344	\$ 486	\$ 628	\$ 770