

**ESTIMATED VARIABLE COSTS 2009**

**Date Last Revised:** 11/16/2009

1,630 Acres

**ENTERPRISE**

VARIABLE COST PER ACRE	Corn	Soybeans	Wheat	Sweet Corn	Peas	Sugar Beets
Acres	550	500	80	120	80	300
Yield	182	50	63	8	4300	27.0
Fertilizer - Commercial	\$ 193.00	\$ -	\$ 65.00	\$ 65.00	\$ 25.00	\$ 50.00
Fertilizer - Manure Value	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Seed	\$ 114.00	\$ 55.00	\$ 31.00	\$ -	\$ -	\$ 124.00
Chemical - Herbicides	\$ 16.00	\$ 22.00	\$ 8.00	\$ 35.00	\$ 30.00	\$ 107.00
Chemical - Insecticides	\$ -	\$ 12.00	\$ 12.00	\$ -	\$ -	\$ -
Chemical - Fungicides	\$ 8.00	\$ -	\$ -	\$ -	\$ -	\$ -
Crop Insurance - Multi-Peril	\$ 26.00	\$ 27.00	\$ 31.11	\$ 20.00	\$ 35.00	\$ 30.00
Crop Insurance - Hail	\$ 4.00	\$ 5.00	\$ -	\$ -	\$ -	\$ -
Fuel / Lube / Elect	\$ 28.00	\$ 13.00	\$ 7.00	\$ 17.00	\$ 12.00	\$ 25.00
Drying Costs	\$ 26.00	\$ -	\$ -	\$ -	\$ -	\$ -
Grain Bin Rent / Corn Storage	\$ 12.00	\$ 2.00	\$ 2.00	\$ -	\$ -	\$ -
Hauling & Trucking	\$ 10.00	\$ -	\$ -	\$ -	\$ -	\$ 72.00
Equip Maint / Repairs	\$ 15.00	\$ 15.00	\$ 7.00	\$ 12.00	\$ 7.00	\$ 25.00
Hired Labor	\$ 7.50	\$ 3.00	\$ -	\$ -	\$ -	\$ 25.00
Custom Hire	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25.00
Utilities or Irrigation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Irrigation Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Marketing	\$ 3.00	\$ 3.00	\$ 3.00	\$ -	\$ -	\$ -
Supplies	\$ 2.00	\$ 2.00	\$ 3.00	\$ 3.00	\$ 3.00	\$ 10.00
Stock Ownership	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 80.00
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total Variable Costs Per Acre</b>	<b>\$ 464.50</b>	<b>\$ 159.00</b>	<b>\$ 169.11</b>	<b>\$ 152.00</b>	<b>\$ 112.00</b>	<b>\$ 573.00</b>
<b>Variable Costs Per Bushel or Unit</b>	<b>\$ 2.55</b>	<b>\$ 3.18</b>	<b>\$ 2.71</b>	<b>\$ 20.27</b>	<b>\$ 0.03</b>	<b>\$ 21.22</b>
<b>Total Variable Costs Per Enterprise</b>	<b>\$ 255,475.00</b>	<b>\$ 79,500.00</b>	<b>\$ 13,528.80</b>	<b>\$ 18,240.00</b>	<b>\$ 8,960.00</b>	<b>\$ 171,900.00</b>
<b>Total Overhead Costs Per Enterprise</b>	<b>\$ 151,610.37</b>	<b>\$ 137,827.61</b>	<b>\$ 14,604.79</b>	<b>\$ 33,078.63</b>	<b>\$ 22,052.42</b>	<b>\$ 90,150.45</b>
<b>Total Enterprise Variable &amp; Overhead</b>	<b>\$ 407,085.37</b>	<b>\$ 217,327.61</b>	<b>\$ 28,133.59</b>	<b>\$ 51,318.63</b>	<b>\$ 31,012.42</b>	<b>\$ 262,050.45</b>
<b>Total Farm Crop Costs</b>	<b>\$ 996,928.06</b>					



VARIABLE COST TOTAL DOLLARS PER ENTERPRISE							
2009 Crop Year	Corn	Soybeans	Wheat	Sweet Corn	Peas	Sugar Beets	Total Crops
Acres	550	500	80	120	80	300	1,630
Yield	182	50	63	8	4,300	27	
Fertilizer - Commercial	\$ 106,150	\$ -	\$ 5,200	\$ 7,800	\$ 2,000	\$ 15,000	\$ 136,150
Fertilizer - Manure Value	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Seed	\$ 62,700	\$ 27,500	\$ 2,480	\$ -	\$ -	\$ 37,200	\$ 129,880
Chemical - Herbicides	\$ 8,800	\$ 11,000	\$ 640	\$ 4,200	\$ 2,400	\$ 32,100	\$ 59,140
Chemical - Insecticides	\$ -	\$ 6,000	\$ 960	\$ -	\$ -	\$ -	\$ 6,960
Chemical - Fungicides	\$ 4,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,400
Crop Insurance - Multi-Peril	\$ 14,300	\$ 13,500	\$ 2,489	\$ 2,400	\$ 2,800	\$ 9,000	\$ 44,489
Crop Insurance - Hail	\$ 2,200	\$ 2,500	\$ -	\$ -	\$ -	\$ -	\$ 4,700
Fuel / Lube / Elect	\$ 15,400	\$ 6,500	\$ 560	\$ 2,040	\$ 960	\$ 7,500	\$ 32,960
Drying Costs	\$ 14,300	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,300
Grain Bin Rent / Com Storage	\$ 6,600	\$ 1,000	\$ 160	\$ -	\$ -	\$ -	\$ 7,760
Hauling & Trucking	\$ 5,500	\$ -	\$ -	\$ -	\$ -	\$ 21,600	\$ 27,100
Equip Maint / Repairs	\$ 8,250	\$ 7,500	\$ 560	\$ 1,440	\$ 560	\$ 7,500	\$ 25,810
Hired Labor	\$ 4,125	\$ 1,500	\$ -	\$ -	\$ -	\$ 7,500	\$ 13,125
Custom Hire	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,500	\$ 7,500
Utilities or Irrigation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Irrigation Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Marketing	\$ 1,650	\$ 1,500	\$ 240	\$ -	\$ -	\$ -	\$ 3,390
Supplies	\$ 1,100	\$ 1,000	\$ 240	\$ 360	\$ 240	\$ 3,000	\$ 5,940
Stock Ownership	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24,000	\$ 24,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total Variable Costs Per Enterprise</b>	<b>\$ 255,475</b>	<b>\$ 79,500</b>	<b>\$ 13,529</b>	<b>\$ 18,240</b>	<b>\$ 8,960</b>	<b>\$ 171,900</b>	<b>\$ 547,604</b>

**Average Land Cost Calculations**

RENTED ACRES					
Farm Description	Acres	Share	Acre Share	Rent	Total \$
Farm 1	320.00	100%	320.00	\$ 200.00	\$ 64,000
Farm 2	400.00	100%	400.00	\$ 210.00	\$ 84,000
Farm 3	160.00	100%	160.00	\$ 185.00	\$ 29,600
Farm 4	120.00	100%	120.00	\$ 175.00	\$ 21,000
Farm 5	150.00	100%	150.00	\$ 225.00	\$ 33,750
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	\$ -	\$ -
<b>Totals Rented Acres</b>	<b>1150.00</b>		<b>1150.00</b>	<b>\$ 202.04</b>	<b>\$ 232,350</b>

OWNED ACRES COSTS	
<b>TOTAL ACRES OWNED</b>	<b>480.00</b>

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	\$ -	\$ -
Property Taxes 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	\$ 23.00	\$ 1,840.00
Other	0.00	\$ -	\$ -
<b>Totals</b>	<b>480.00</b>	<b>\$ 160.29</b>	<b>\$ 76,940</b>

LAND COSTS	Acres	Acres Share	Total \$
<b>TOTAL FOR ALL ACRES</b>	<b>1630.00</b>	<b>1630.00</b>	<b>\$ 309,290</b>
<b>AVERAGE LAND COST PER ACRE</b>	<b>\$ 189.75</b>	<b>\$ 189.75</b>	

Wheat land cost of \$96.65

Sugar Beet land cost of \$214.59

ESTIMATED FIXED COSTS TO ALLOCATE							
Item	Total	Crop Enterprises					
		Corn	Soybeans	Wheat	Sweet Corn	Peas	Sugar Beets
<b>2009 Crop Year</b>							
Acres	1,630	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	\$ 54,000.00	34%	31%	5%	7%	5%	18%
Health Insurance (if not in family living)	\$ 7,608.00	34%	31%	5%	7%	5%	18%
Taxes Income, FICA, Medicare	\$ 23,000.00	34%	31%	5%	7%	5%	18%
Utilities (not irrigation)	\$ 3,840.00	34%	31%	5%	7%	5%	18%
Insurance P&C (not crop ins)	\$ 7,200.00	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	\$ 860.00	34%	31%	5%	7%	5%	18%
Office Expense	\$ 1,700.00	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	\$ 13,800.00	34%	31%	5%	7%	5%	18%
Equipment Loan Principal & Interest	\$ 15,000.00	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	\$ 9,000.00	34%	31%	5%	7%	5%	18%
<b>FIXED EXPENSE &amp; FAMILY LIVING</b>	<b>\$ 140,028</b>	<b>\$ 47,249</b>	<b>\$ 42,953</b>	<b>\$ 6,873</b>	<b>\$ 10,309</b>	<b>\$ 6,873</b>	<b>\$ 25,772</b>
<b>FIXED EXPENSE PER ACRE / HEAD</b>		<b>\$ 85.91</b>	<b>\$ 85.91</b>	<b>\$ 85.91</b>	<b>\$ 85.91</b>	<b>\$ 85.91</b>	<b>\$ 85.91</b>
<b>FIXED PER BUSHEL</b>		<b>\$ 0.47</b>	<b>\$ 1.72</b>	<b>\$ 1.37</b>	<b>\$ 11.45</b>	<b>\$ 0.02</b>	<b>\$ 3.18</b>
<b>LAND EXPENSE ALLOCATION</b>	<b>100%</b>	<b>34%</b>	<b>31%</b>	<b>2.5%</b>	<b>7%</b>	<b>5%</b>	<b>20.8%</b>
<b>LAND COSTS</b>	<b>\$ 309,290</b>	<b>\$ 104,362</b>	<b>\$ 94,874</b>	<b>\$ 7,732</b>	<b>\$ 22,770</b>	<b>\$ 15,180</b>	<b>\$ 64,378</b>
<b>LAND COSTS PER ACRE</b>		<b>\$ 189.75</b>	<b>\$ 189.75</b>	<b>\$ 96.65</b>	<b>\$ 189.75</b>	<b>\$ 189.75</b>	<b>\$ 214.59</b>
<b>LAND COSTS PER BUSHEL</b>		<b>\$ 1.04</b>	<b>\$ 3.79</b>	<b>\$ 1.55</b>	<b>\$ 25.30</b>	<b>\$ 0.04</b>	<b>\$ 7.95</b>
<b>OVERHEAD EXPENSE ALLOCATION</b>	<b>\$ 449,318</b>	<b>\$ 151,610</b>	<b>\$ 137,828</b>	<b>\$ 14,605</b>	<b>\$ 33,079</b>	<b>\$ 22,052</b>	<b>\$ 90,150</b>
<b>OVERHEAD EXPENSE PER ACRE</b>		<b>\$ 275.66</b>	<b>\$ 275.66</b>	<b>\$ 182.56</b>	<b>\$ 275.66</b>	<b>\$ 275.66</b>	<b>\$ 300.50</b>
<b>OVERHEAD EXPENSE PER BUSHEL</b>		<b>\$ 1.51</b>	<b>\$ 5.51</b>	<b>\$ 2.92</b>	<b>\$ 36.75</b>	<b>\$ 0.06</b>	<b>\$ 11.13</b>



ESTIMATED FIXED COSTS TO ALLOCATE							
Dollars per Enterprise							
Item 2009 Crop Year	Total	Crop Enterprises					
		Corn	Soybeans	Wheat	Sweet Corn	Peas	Sugar Beets
Acres	1,630	550	500	80	120	80	300
Family Living	\$ 54,000.00	\$ 18,221	\$ 16,564	\$ 2,650	\$ 3,975	\$ 2,650	\$ 9,939
Health Insurance (if not in family living)	\$ 7,608.00	\$ 2,567	\$ 2,334	\$ 373	\$ 560	\$ 373	\$ 1,400
Taxes Income, FICA, Medicare	\$ 23,000.00	\$ 7,761	\$ 7,055	\$ 1,129	\$ 1,693	\$ 1,129	\$ 4,233
Utilities (not irrigation)	\$ 3,840.00	\$ 1,296	\$ 1,178	\$ 188	\$ 283	\$ 188	\$ 707
Insurance P&C (not crop ins)	\$ 7,200.00	\$ 2,429	\$ 2,209	\$ 353	\$ 530	\$ 353	\$ 1,325
Insurance other than P&C (Life)	\$ 2,640.00	\$ 891	\$ 810	\$ 130	\$ 194	\$ 130	\$ 486
School or College Tuition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Accounting & Other Prof Services	\$ 860.00	\$ 290	\$ 264	\$ 42	\$ 63	\$ 42	\$ 158
Office Expense	\$ 1,700.00	\$ 574	\$ 521	\$ 83	\$ 125	\$ 83	\$ 313
Dues, Business Meetings & Promotion	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
License (trucks & auto)	\$ 1,380.00	\$ 466	\$ 423	\$ 68	\$ 102	\$ 68	\$ 254
Operating Loan Interest	\$ 13,800.00	\$ 4,656	\$ 4,233	\$ 677	\$ 1,016	\$ 677	\$ 2,540
Equipment Loan Principal & Interest	\$ 15,000.00	\$ 5,061	\$ 4,601	\$ 736	\$ 1,104	\$ 736	\$ 2,761
Short Term Principal & Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Intermediate Term Prin & Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Long Term Loan P&I	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Lease	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grain Bin Principal & Interest	\$ 9,000.00	\$ 3,037	\$ 2,761	\$ 442	\$ 663	\$ 442	\$ 1,656
<b>FIXED EXPENSE &amp; FAMILY LIVING</b>	\$ 140,028	\$ 47,249	\$ 42,953	\$ 6,873	\$ 10,309	\$ 6,873	\$ 25,772
<b>LAND COSTS</b>	\$ 309,290	\$ 104,362	\$ 94,874	\$ 7,732	\$ 22,770	\$ 15,180	\$ 64,378
<b>TOTAL OVERHEAD</b>	\$ 449,318	\$ 151,610	\$ 137,828	\$ 14,605	\$ 33,079	\$ 22,052	\$ 90,150

**FIXED COSTS TO ALLOCATE - \$\$ PER ACRE or Head**

Item 2009 Crop Year	Total	Crop Enterprises					
		Corn	Soybeans	Wheat	Sweet Corn	Peas	Sugar Beets
<b>Acres</b>	<b>1630</b>	<b>550</b>	<b>500</b>	<b>80</b>	<b>120</b>	<b>80</b>	<b>300</b>
Family Living	\$ 54,000.00	\$ 33.13	\$ 33.13	\$ 33.13	\$ 33.13	\$ 33.13	\$ 124.23
Health Insurance (if not in family living)	\$ 7,608.00	\$ 4.67	\$ 4.67	\$ 4.67	\$ 4.67	\$ 4.67	\$ 17.50
Taxes Income, FICA, Medicare	\$ 23,000.00	\$ 14.11	\$ 14.11	\$ 14.11	\$ 14.11	\$ 14.11	\$ 52.91
Utilities (not irrigation)	\$ 3,840.00	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 8.83
Insurance P&C (not crop ins)	\$ 7,200.00	\$ 4.42	\$ 4.42	\$ 4.42	\$ 4.42	\$ 4.42	\$ 16.56
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	\$ 860.00	\$ 0.53	\$ 0.53	\$ 0.53	\$ 0.53	\$ 0.53	\$ 1.98
Office Expense	\$ 1,700.00	\$ 1.04	\$ 1.04	\$ 1.04	\$ 1.04	\$ 1.04	\$ 3.91
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	\$ 13,800.00	\$ 8.47	\$ 8.47	\$ 8.47	\$ 8.47	\$ 8.47	\$ 31.75
Equipment Loan Principal & Interest	\$ 15,000.00	\$ 9.20	\$ 9.20	\$ 9.20	\$ 9.20	\$ 9.20	\$ 34.51
Short Term Principal & Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Intermediate Term Prin & Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Long Term Loan P&I	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Lease	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grain Bin Principal & Interest	\$ 9,000.00	\$ 5.52	\$ 5.52	\$ 5.52	\$ 5.52	\$ 5.52	\$ 20.71
<b>FIXED PER ACRE / HEAD</b>	<b>\$ 140,028</b>	<b>\$ 85.91</b>	<b>\$ 85.91</b>	<b>\$ 85.91</b>	<b>\$ 85.91</b>	<b>\$ 85.91</b>	<b>\$ 322.15</b>
<b>LAND PER ACRE</b>	<b>\$ 309,290</b>	<b>\$ 189.75</b>	<b>\$ 189.75</b>	<b>\$ 96.65</b>	<b>\$ 189.75</b>	<b>\$ 189.75</b>	<b>\$ 214.59</b>
<b>OVERHEAD PER ACRE</b>	<b>\$ 449,318</b>	<b>\$ 275.66</b>	<b>\$ 275.66</b>	<b>\$ 182.56</b>	<b>\$ 275.66</b>	<b>\$ 275.66</b>	<b>\$ 300.50</b>

**RETURN TO NET WORTH**

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

**Setting Your Profit Zone**

<b>Corn 2009 Enterprise Profit Zone</b>						
		Total		Per Acre		
<b>Overhead Allocation</b>		\$ 151,610		\$ 276		
<b>Variable Costs Per Acre</b>				\$ 465		
<b>Total Costs Per Acre</b>				\$ 740		
<b>Return to Net Worth</b>		\$ 54,663		\$ 99		
<b>Total Revenue Goal Per Acre</b>				\$ 839.54		
<b>Gross Revenue Goal</b>				\$ 461,748		
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%	218.4	120,120	\$ 3.39	\$ 3.84
550		110.00%	200.2	110,110	\$ 3.70	\$ 4.19
<b>550</b>	<b>182.0</b>	<b>100.00%</b>	<b>182.0</b>	<b>100,100</b>	<b>\$ 4.07</b>	<b>\$ 4.61</b>
550		90.00%	163.8	90,090	\$ 4.52	\$ 5.13
550		75.00%	136.5	75,075	\$ 5.42	\$ 6.15

**With Revenue Guarantee Per Acre**      \$ 530.25      -0.50 basis per unit      \$ 439.250      Guarantee with basis

<b>Corn 2009</b>	<b>Sensitivity Analysis Per Acre</b>						
Cash Price Per Bushel	152.0	159.5	167.0	174.5	182.0	189.5	197.0
\$1.85	\$ (301)	\$ (301)	\$ (301)	\$ (301)	\$ (301)	\$ (301)	\$ (301)
\$2.29	\$ (301)	\$ (301)	\$ (301)	\$ (301)	\$ (301)	\$ (301)	\$ (288)
\$2.74	\$ (301)	\$ (301)	\$ (283)	\$ (263)	\$ (242)	\$ (222)	\$ (201)
\$3.18	\$ (257)	\$ (233)	\$ (209)	\$ (185)	\$ (161)	\$ (138)	\$ (114)
\$3.62	\$ (189)	\$ (162)	\$ (135)	\$ (108)	\$ (81)	\$ (54)	\$ (26)
\$4.07	\$ (122)	\$ (92)	\$ (61)	\$ (31)	\$ (0)	\$ 31	\$ 61
\$4.27	\$ (92)	\$ (60)	\$ (28)	\$ 4	\$ 36	\$ 68	\$ 100
\$4.47	\$ (61)	\$ (28)	\$ 6	\$ 39	\$ 73	\$ 106	\$ 140
\$4.67	\$ (31)	\$ 4	\$ 39	\$ 74	\$ 109	\$ 144	\$ 179
\$4.87	\$ (0)	\$ 36	\$ 73	\$ 109	\$ 146	\$ 182	\$ 219
\$5.07	\$ 30	\$ 68	\$ 106	\$ 144	\$ 182	\$ 220	\$ 258
\$5.27	\$ 60	\$ 100	\$ 139	\$ 179	\$ 218	\$ 258	\$ 297
\$5.47	\$ 91	\$ 132	\$ 173	\$ 214	\$ 255	\$ 296	\$ 337
\$5.67	\$ 121	\$ 164	\$ 206	\$ 249	\$ 291	\$ 334	\$ 376
\$5.87	\$ 152	\$ 196	\$ 240	\$ 284	\$ 328	\$ 372	\$ 416



Soybeans 2009 Enterprise Profit Zone						
		Total			Per Acre	
Overhead Allocation		\$ 137,828			\$ 276	
Variable Costs Per Acre					\$ 159	
Total Costs Per Acre					\$ 435	
Return to Net Worth		\$ 49,693			\$ 99	
Total Revenue Goal Per Acre					\$ 534	
Gross Revenue Goal					\$ 267,021	
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	\$ 7.24	\$ 8.90
500		110.00%	55.0	27,500	\$ 7.90	\$ 9.71
<b>500</b>	<b>50</b>	<b>100.00%</b>	<b>50.0</b>	<b>25,000</b>	<b>\$ 8.69</b>	<b>\$ 10.68</b>
500		90.00%	45.0	22,500	\$ 9.66	\$ 11.87
500		75.00%	37.5	18,750	\$ 11.59	\$ 14.24

With Revenue Guarantee Per Acre		\$ 349.80	-0.70 basis per unit		\$ 314.800	Guarantee with basis		
Soybeans 2009		Sensitivity Analysis Per Acre			\$ 0.40	price differential	3	bushel differential
Cash Price Per Bushel	38	41	44	47	50	53	56	
\$4.90	\$ (120)	\$ (120)	\$ (120)	\$ (120)	\$ (120)	\$ (120)	\$ (120)	
\$5.66	\$ (120)	\$ (120)	\$ (120)	\$ (120)	\$ (120)	\$ (120)	\$ (118)	
\$6.42	\$ (120)	\$ (120)	\$ (120)	\$ (120)	\$ (114)	\$ (95)	\$ (75)	
\$7.18	\$ (120)	\$ (120)	\$ (119)	\$ (97)	\$ (76)	\$ (54)	\$ (33)	
\$7.93	\$ (120)	\$ (109)	\$ (86)	\$ (62)	\$ (38)	\$ (14)	\$ 10	
\$8.69	\$ (104)	\$ (78)	\$ (52)	\$ (26)		\$ 26	\$ 52	
\$9.09	\$ (89)	\$ (62)	\$ (35)	\$ (7)	\$ 20	\$ 47	\$ 75	
\$9.49	\$ (74)	\$ (45)	\$ (17)	\$ 12	\$ 40	\$ 68	\$ 97	
\$9.89	\$ (59)	\$ (29)	\$ 1	\$ 30	\$ 60	\$ 90	\$ 119	
\$10.29	\$ (44)	\$ (13)	\$ 18	\$ 49	\$ 80	\$ 111	\$ 142	
\$10.29	\$ (44)	\$ (13)	\$ 18	\$ 49	\$ 80	\$ 111	\$ 142	
\$10.69	\$ (28)	\$ 4	\$ 36	\$ 68	\$ 100	\$ 132	\$ 164	
\$11.09	\$ (13)	\$ 20	\$ 53	\$ 87	\$ 120	\$ 153	\$ 187	
\$11.49	\$ 2	\$ 37	\$ 71	\$ 106	\$ 140	\$ 174	\$ 209	
\$11.89	\$ 17	\$ 53	\$ 89	\$ 124	\$ 160	\$ 196	\$ 231	



Wheat 2009 Enterprise Profit Zone						
		Total			Per Acre	
Overhead Allocation		\$ 14,605			\$ 183	
Variable Costs Per Acre					\$ 169.11	
Total Costs Per Acre					\$ 351.67	
Return to Net Worth		\$ 7,951			\$ 99.39	
Total Revenue Goal Per Acre					\$ 451.06	
Gross Revenue Goal					\$ 36,085	
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	\$ 4.69	\$ 6.01
80		110.00%	68.8	5,500	\$ 5.12	\$ 6.56
<b>80</b>	<b>63</b>	<b>100.00%</b>	<b>62.5</b>	<b>5,000</b>	<b>\$ 5.63</b>	<b>\$ 7.22</b>
80		90.00%	56.3	4,500	\$ 6.25	\$ 8.02
80		75.00%	46.9	3,750	\$ 7.50	\$ 9.62

With Revenue Guarantee Per Acre		\$ 269.70	-0.50 basis per unit		\$ 238.450	Guarantee with basis					
Wheat 2009		Sensitivity Analysis Per Acre				\$ 0.20	price differential		5	bushel differential	
Cash Price Per Bushel		43	48	53	58	63	68	73			
\$2.90	\$	(113)	(113)	(113)	(113)	(113)	(113)	(113)	(113)	(113)	
\$3.45	\$	(113)	(113)	(113)	(113)	(113)	(113)	(113)	(113)	(102)	
\$3.99	\$	(113)	(113)	(113)	(113)	(102)	(82)	(62)	(62)	(62)	
\$4.54	\$	(113)	(113)	(113)	(91)	(68)	(45)	(23)	(23)	(23)	
\$5.08	\$	(113)	(110)	(85)	(59)	(34)	(9)	17	17	17	
\$5.63	\$	(113)	(84)	(56)	(28)		28	56	56	56	
\$5.83	\$	(104)	(75)	(46)	(17)	13	42	71	71	71	
\$6.03	\$	(96)	(65)	(35)	(5)	25	55	85	85	85	
\$6.23	\$	(87)	(56)	(25)	6	38	69	100	100	100	
\$6.43	\$	(79)	(46)	(14)	18	50	82	114	114	114	
\$6.63	\$	(70)	(37)	(4)	29	63	96	129	129	129	
\$6.83	\$	(62)	(27)	7	41	75	109	143	143	143	
\$7.03	\$	(53)	(18)	17	52	88	123	158	158	158	
\$7.23	\$	(45)	(8)	28	64	100	136	172	172	172	
\$7.43	\$	(36)	1	38	75	113	150	187	187	187	



Sweet Corn 2009 Enterprise Profit Zone						
		Total		Per Acre		
Overhead Allocation		\$	33,079		\$	276
Variable Costs Per Acre					\$	152.00
Total Costs Per Acre					\$	427.66
Return to Net Worth		\$	11,926		\$	99.39
Total Revenue Goal Per Acre					\$	527.04
Gross Revenue Goal					\$	63,245.01
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)
120		120.00%	9.0	1,080	\$ 47.52	\$ 58.56
120		110.00%	8.3	990	\$ 51.84	\$ 63.88
<b>120</b>	<b>7.5</b>	<b>100.00%</b>	<b>7.5</b>	<b>900</b>	<b>\$ 57.02</b>	<b>\$ 70.27</b>
120		90.00%	6.8	810	\$ 63.36	\$ 78.08
120		75.00%	5.6	675	\$ 76.03	\$ 93.70

With Out Revenue Guarantee

Sweet Corn 2009	Sensitivity Analysis Per Acre						\$	0.50 price differential	2	Yield differential
Cash Price Per Bushel / Unit	-1	2	4	6	8	10	12			
\$50.00	\$(428)	\$(353)	\$(253)	\$(153)	\$(53)	\$ 47	\$ 147			
\$51.40	\$(428)	\$(351)	\$(248)	\$(145)	\$(42)	\$ 61	\$ 163			
\$52.81	\$(428)	\$(348)	\$(243)	\$(137)	\$(32)	\$ 74	\$ 180			
\$54.21	\$(428)	\$(346)	\$(238)	\$(129)	\$(21)	\$ 87	\$ 196			
\$55.62	\$(428)	\$(344)	\$(233)	\$(122)	\$(11)	\$ 101	\$ 212			
\$57.02	\$(428)	\$(342)	\$(228)	\$(114)		\$ 114	\$ 228			
\$57.52	\$(428)	\$(341)	\$(226)	\$(111)	\$ 4	\$ 119	\$ 234			
\$58.02	\$(428)	\$(341)	\$(225)	\$(109)	\$ 8	\$ 124	\$ 240			
\$58.52	\$(428)	\$(340)	\$(223)	\$(106)	\$ 11	\$ 128	\$ 245			
\$59.02	\$(428)	\$(339)	\$(221)	\$(103)	\$ 15	\$ 133	\$ 251			
\$59.52	\$(428)	\$(338)	\$(219)	\$(100)	\$ 19	\$ 138	\$ 257			
\$60.02	\$(428)	\$(338)	\$(218)	\$(98)	\$ 23	\$ 143	\$ 263			
\$60.52	\$(428)	\$(337)	\$(216)	\$(95)	\$ 26	\$ 147	\$ 268			
\$61.02	\$(428)	\$(336)	\$(214)	\$(92)	\$ 30	\$ 152	\$ 274			
\$61.52	\$(428)	\$(335)	\$(212)	\$(89)	\$ 34	\$ 157	\$ 280			

Peas 2009 Enterprise Profit Zone						
		Total			Per Acre	
Overhead Allocation		\$ 22,052			\$ 276	
Variable Costs Per Acre				\$ 112.00		
Total Costs Per Acre				\$ 387.66		
Return to Net Worth		\$ 7,951			\$ 99.39	
Total Revenue Goal Per Acre				\$ 487.04		
Gross Revenue Goal				\$ 38,963.34		
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)
80		120.00%	5160.0	412,800	\$ 0.08	\$ 0.09
80		110.00%	4730.0	378,400	\$ 0.08	\$ 0.10
<b>80</b>	<b>4300.0</b>	<b>100.00%</b>	<b>4300.0</b>	<b>344,000</b>	<b>\$ 0.09</b>	<b>\$ 0.11</b>
80		90.00%	3870.0	309,600	\$ 0.10	\$ 0.13
80		75.00%	3225.0	258,000	\$ 0.12	\$ 0.15

**With Revenue Guarantee Per Acre** \$ 290.25 -0.005 basis per unit \$ 268.750 Guarantee with basis

Cash Price Per Bushel / Unit	Peas 2009 Sensitivity Analysis Per Acre						
	3500	3700	3900	4100	4300	4500	4700
\$0.07	\$ (119)	\$ (119)	\$ (115)	\$ (101)	\$ (87)	\$ (73)	\$ (59)
\$0.07	\$ (119)	\$ (114)	\$ (99)	\$ (84)	\$ (69)	\$ (55)	\$ (40)
\$0.08	\$ (114)	\$ (99)	\$ (83)	\$ (68)	\$ (52)	\$ (36)	\$ (21)
\$0.08	\$ (100)	\$ (84)	\$ (67)	\$ (51)	\$ (35)	\$ (18)	\$ (2)
\$0.09	\$ (86)	\$ (69)	\$ (52)	\$ (35)	\$ (17)	\$ (0)	\$ 17
\$0.09	\$ (72)	\$ (54)	\$ (36)	\$ (18)	\$	\$ 18	\$ 36
\$0.10	\$ (55)	\$ (36)	\$ (17)	\$ 2	\$ 22	\$ 41	\$ 60
\$0.10	\$ (37)	\$ (17)	\$ 3	\$ 23	\$ 43	\$ 63	\$ 83
\$0.11	\$ (20)	\$ 1	\$ 22	\$ 43	\$ 65	\$ 86	\$ 107
\$0.11	\$ (2)	\$ 20	\$ 42	\$ 64	\$ 86	\$ 108	\$ 130
\$0.12	\$ 15	\$ 38	\$ 61	\$ 84	\$ 108	\$ 131	\$ 154
\$0.12	\$ 33	\$ 57	\$ 81	\$ 105	\$ 129	\$ 153	\$ 177
\$0.13	\$ 50	\$ 75	\$ 100	\$ 125	\$ 151	\$ 176	\$ 201
\$0.13	\$ 68	\$ 94	\$ 120	\$ 146	\$ 172	\$ 198	\$ 224
\$0.14	\$ 85	\$ 112	\$ 139	\$ 166	\$ 194	\$ 221	\$ 248

Sugar Beets 2009 Enterprise Profit Zone						
		Total		Per Acre		
Overhead Allocation		\$	90,150		\$	301
Variable Costs Per Acre					\$	573.00
Total Costs Per Acre					\$	873.50
Return to Net Worth		\$	29,816		\$	99.39
Total Revenue Goal Per Acre					\$	972.89
Gross Revenue Goal					\$	291,866
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	\$ 26.96	\$ 30.03
300		110.00%	29.7	8,910	\$ 29.41	\$ 32.76
<b>300</b>	<b>27.0</b>	<b>100.00%</b>	<b>27.0</b>	<b>8,100</b>	<b>\$ 32.35</b>	<b>\$ 36.03</b>
300		90.00%	24.3	7,290	\$ 35.95	\$ 40.04
300		75.00%	20.3	6,075	\$ 43.14	\$ 48.04

With Revenue Guarantee Per Acre \$ 831.60 -0.01 basis per unit \$ 831.330 Guarantee with basis

Cash Price Per Bushel / Unit	Sensitivity Analysis Per Acre						Yield differential
	15.0	18.0	21.0	24.0	27.0	30.0	
\$30.00	\$(42)	\$(42)	\$(42)	\$(42)	\$(42)	\$26	\$116
\$30.47	\$(42)	\$(42)	\$(42)	\$(42)	\$(42)	\$41	\$132
\$30.94	\$(42)	\$(42)	\$(42)	\$(42)	\$(38)	\$55	\$148
\$31.41	\$(42)	\$(42)	\$(42)	\$(42)	\$(25)	\$69	\$163
\$31.88	\$(42)	\$(42)	\$(42)	\$(42)	\$(13)	\$83	\$179
\$32.35	\$(42)	\$(42)	\$(42)	\$(42)		\$97	\$194
\$34.35	\$(42)	\$(42)	\$(42)	\$(42)	\$54	\$157	\$260
\$36.35	\$(42)	\$(42)	\$(42)	\$(1)	\$108	\$217	\$326
\$38.35	\$(42)	\$(42)	\$(42)	\$47	\$162	\$277	\$392
\$40.35	\$(42)	\$(42)	\$(26)	\$95	\$216	\$337	\$458
\$42.35	\$(42)	\$(42)	\$16	\$143	\$270	\$397	\$524
\$44.35	\$(42)	\$(42)	\$58	\$191	\$324	\$457	\$590
\$46.35	\$(42)	\$(39)	\$100	\$239	\$378	\$517	\$656
\$48.35	\$(42)	\$(3)	\$142	\$287	\$432	\$577	\$722
\$50.35	\$(42)	\$33	\$184	\$335	\$486	\$637	\$788