

University of Missouri Extension Southeast Missouri Crop Budgets 2009

This spreadsheet provides an estimate of the production costs and returns for the major row crops grown in Southeast Missouri for 2009. The enterprise budgets are designed to provide planning data for farmers, landowners, research and extension staff, agriculture lending agencies, and others in the agriculture business field.

In addition, the spreadsheet calculates estimated returns at different yield and price scenarios for each of the selected cropping enterprises. These tables can be found at the bottom of each budget. Users of this worksheet can insert their own expectations for costs by using the number of units and cost per unit columns.

The **Crop Decision Aid Worksheet** calculates the breakeven net income between two crops based on variable production costs and changes in yield and price.

Procedure to Use the Crop Decision Aid Worksheet

1. Develop a budget for each crop that will be in the analysis.
2. Select 2 Crops you want to compare from the scroll lists.
3. For Wheat (Double Crop) use Crop Option 2 and select the Double Crop from the scroll list.
4. Use the Scroll Bars to set the price and yield for each crop.
5. Use the tables to determine the price and yield that gives an equal net return based on the variable costs.

You may print and distribute the budgets.

I would appreciate it if you only distribute the unedited version of the spreadsheet.

To begin, simply select the crops below to view or make changes to the estimated production costs. When finished select the **Crop Decision Aid Link** to compare the net incomes between two crops. At the bottom of each worksheet are two buttons to take you back to this introduction worksheet or to the Decision Aid Worksheet.

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Crop Budgets

Corn	Corn Irrigated	Bt Corn	Bt Corn Irrigated
Roundup Ready Bt Corn	Roundup Ready Bt Corn Irrigated		
Roundup Ready Soybeans	Roundup Ready Soybeans Irrigated	Conventional Soybeans	Conventional Soybeans Irrigated
Grain Sorghum	Grain Sorghum Irrigated	Wheat	Popcorn
RR Bt Cotton	RR Bt Cotton Irrigated	Rice - Wells	Rice - Clearfield
Rice - Hybrid	Rice - Hybrid Clearfield	No Till Double Crop Roundup Ready Soybeans	Irrigated No Till Double Crop Roundup Ready Soybeans
No Till Double Crop Conventional Soybeans	Irrigated No Till Double Crop Conventional Soybeans	No Till Double Crop Grain Sorghum	Irrigated No Till Double Crop Grain Sorghum
Double Crop Southern Pea	Irrigated Double Crop Southern Pea	Crop Decision Aid	

**University of Missouri Extension Southeast Missouri Crop Budget
2009 Corn Budget**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.3	Bags	140.00	42.00	
Nitrogen	150	Pounds	0.44	66.00	
Phosphate	60	Pounds	0.65	39.00	
Potash	40	Pounds	0.70	28.00	
Limestone	0.5	Tons	25.00	12.50	
Starter Fertilizer	0	Acre	0.00	-	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Boron	0	Pounds	0.00	-	
Pre-Emerge	Product: 1	Acre	20.00	20.00	
Post-Emerge	Product: 1	Acre	10.00	10.00	
Fungicide	Product: 1	Acre	15.00	15.00	
Insecticide	Product: 1	Acre	8.00	8.00	
Drying Fuel & Electricity*	140	Bushels	0.17	23.80	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	18.00	18.00	
Machinery Repairs	1	Acre	12.00	12.00	
Hauling & Transportation*	140	Bushels	0.17	23.80	
Irrigation Fuel (Acre Inches)	0	Acre	2.50	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	18.00	18.00	
Irrigation Labor	0	Acre	4.00	-	
Custom Application	1	Acre	6.50	6.50	
Crop Insurance	1	Acre	35.00	35.00	
Subtotal		Acre		\$ 387.60	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	15.50	
Total Variable		Acre		\$ 403.10	
Fixed Machinery Cost	1	Acre	42.00	42.00	
Fixed Irrigation Cost	0	Acre	70.00	-	
Total (Excluding Land)		Acre		\$ 445.10	
Land Real Estate Taxes	1	Acre	0.30%	8.90	
Land Interest	2966	Acre	4.00%	118.64	
Total Cost		Acre		\$ 572.64	

* Drying & Transportation Costs Change With Yields

Expected Production	140 Bu	
Base Price	\$ 5.00	
APH	135 Bu	
Coverage Level	70%	
Revenue Guarantee	\$ 472.50	per acre

Return on risk goal	12%	on total cost of production per acre
Profit objective (per acre)	\$ 68.72	
Total revenue goal	\$ 641.36	
Minimum price objective	\$ 4.58	use in new crop market plan Add expected new crop basis

Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
100	\$3.90	\$4.32	\$5.59	170	\$2.43	\$2.68	\$3.43
110	\$3.57	\$3.95	\$5.11	180	\$2.32	\$2.55	\$3.26
120	\$3.30	\$3.65	\$4.72	190	\$2.21	\$2.43	\$3.10
130	\$3.07	\$3.40	\$4.38	200	\$2.12	\$2.33	\$2.97
140	\$2.88	\$3.18	\$4.09	210	\$2.03	\$2.23	\$2.84
150	\$2.71	\$2.99	\$3.84	220	\$1.96	\$2.15	\$2.73
160	\$2.56	\$2.82	\$3.62	230	\$1.89	\$2.07	\$2.62

**University of Missouri Extension Southeast Missouri Crop Budget
2009 Center Pivot Irrigated Corn Budget**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.4	Bags	140.00	56.00	
Nitrogen	210	Pounds	0.44	92.40	
Phosphate	80	Pounds	0.65	52.00	
Potash	60	Pounds	0.70	42.00	
Limestone	0.5	Tons	25.00	12.50	
Starter Fertilizer	0	Acre	0.00	-	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Boron	0	Pounds	0.00	-	
Pre-Emerge	Product: 1	Acre	20.00	20.00	
Post-Emerge	Product: 1	Acre	10.00	10.00	
Fungicide	Product: 1	Acre	15.00	15.00	
Insecticide	Product: 1	Acre	8.00	8.00	
Drying Fuel & Electricity*	180	Bushels	0.17	30.60	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	18.00	18.00	
Machinery Repairs	1	Acre	12.00	12.00	
Hauling & Transportation*	180	Bushels	0.17	30.60	
Irrigation Fuel (Acre Inches)	12	Acre	2.50	30.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	18.00	18.00	
Irrigation Labor	1	Acre	4.00	4.00	
Custom Application	1	Acre	6.50	6.50	
Crop Insurance	1	Acre	35.00	35.00	
Subtotal		Acre		\$ 514.60	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	20.58	
Total Variable		Acre		\$ 535.18	
Fixed Machinery Cost	1	Acre	42.00	42.00	
Fixed Irrigation Cost	1	Acre	70.00	70.00	
Total (Excluding Land)		Acre		\$ 647.18	
Land Real Estate Taxes	1	Acre	0.30%	8.90	
Land Interest	2966	Acre	4.00%	118.64	
Total Cost		Acre		\$ 774.72	

* Drying & Transportation Costs Change With Yields

Expected Production	180 Bu	
Base Price	\$ 5.00	
APH	170 Bu	
Coverage Level	70%	
Revenue Guarantee	\$ 595.00 per acre	

Return on risk goal	12% on total cost of production per acre	
Profit objective (per acre)	\$ 92.97	
Total revenue goal	\$ 867.69	
Minimum price objective	\$ 4.82 use in new crop market plan Add expected new crop basis	

Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
140	\$3.73	\$4.53	\$5.44	210	\$2.60	\$3.13	\$3.74
150	\$3.50	\$4.25	\$5.10	220	\$2.49	\$3.00	\$3.58
160	\$3.30	\$4.00	\$4.80	230	\$2.40	\$2.89	\$3.44
170	\$3.13	\$3.79	\$4.54	240	\$2.31	\$2.78	\$3.31
180	\$2.97	\$3.60	\$4.30	250	\$2.24	\$2.68	\$3.19
190	\$2.83	\$3.42	\$4.10	260	\$2.16	\$2.59	\$3.08
200	\$2.71	\$3.27	\$3.91	270	\$2.10	\$2.51	\$2.98

**University of Missouri Extension Southeast Missouri Crop Budget
2009 Bt Corn Budget**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.3	Bags	180.00	54.00	
Nitrogen	150	Pounds	0.44	66.00	
Phosphate	60	Pounds	0.65	39.00	
Potash	40	Pounds	0.70	28.00	
Limestone	0.5	Tons	25.00	12.50	
Starter Fertilizer	0	Acre	0.00	-	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Boron	0	Pounds	0.00	-	
Pre-Emerge	Product: <input type="text" value="1"/>	Acre	20.00	20.00	
Post-Emerge	Product: <input type="text" value="1"/>	Acre	10.00	10.00	
Fungicide	Product: <input type="text" value="1"/>	Acre	15.00	15.00	
Insecticide	Product: <input type="text" value="0"/>	Acre	6.00	-	
Drying Fuel & Electricity*	140	Bushels	0.17	23.80	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	18.00	18.00	
Machinery Repairs	1	Acre	12.00	12.00	
Hauling & Transportation*	140	Bushels	0.17	23.80	
Irrigation Fuel (Acre Inches)	0	Acre	2.50	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	18.00	18.00	
Irrigation Labor	0	Acre	4.00	-	
Custom Application	1	Acre	6.50	6.50	
Crop Insurance	1	Acre	35.00	35.00	
Subtotal		Acre		\$ 391.60	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	15.66	
Total Variable		Acre		\$ 407.26	
Fixed Machinery Cost	1	Acre	42.00	42.00	
Fixed Irrigation Cost	0	Acre	70.00	-	
Total (Excluding Land)		Acre		\$ 449.26	
Land Real Estate Taxes	1	Acre	0.30%	8.90	
Land Interest	2966	Acre	4.00%	118.64	
Total Cost		Acre		\$ 576.80	

* Drying & Transportation Costs Change With Yields

Expected Production	140 Bu	
Base Price	\$ 5.00	
APH	135 Bu	
Coverage Level	70%	
Revenue Guarantee	\$ 472.50 per acre	
Return on risk goal	12% on total cost of production per acre	
Profit objective (per acre)	\$ 69.22	
Total revenue goal	\$ 646.02	
Minimum price objective	\$ 4.61 use in new crop market plan	
	Add expected new crop basis	

Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
100	\$3.94	\$4.36	\$5.63	170	\$2.46	\$2.70	\$3.45
110	\$3.61	\$3.99	\$5.15	180	\$2.34	\$2.57	\$3.28
120	\$3.34	\$3.69	\$4.75	190	\$2.23	\$2.45	\$3.13
130	\$3.11	\$3.43	\$4.41	200	\$2.14	\$2.35	\$2.99
140	\$2.91	\$3.21	\$4.12	210	\$2.05	\$2.25	\$2.86
150	\$2.74	\$3.02	\$3.87	220	\$1.97	\$2.17	\$2.75
160	\$2.59	\$2.85	\$3.65	230	\$1.90	\$2.09	\$2.64

University of Missouri Extension Southeast Missouri Crop Budget 2009 Center Pivot Irrigated Bt Corn Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.4	Bags	180.00	72.00	
Nitrogen	210	Pounds	0.44	92.40	
Phosphate	80	Pounds	0.65	52.00	
Potash	60	Pounds	0.70	42.00	
Limestone	0.5	Tons	25.00	12.50	
Starter Fertilizer	0	Acre	0.00	-	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Boron	0	Pounds	0.00	-	
Pre-Emerge	1	Acre	20.00	20.00	
Post-Emerge	1	Acre	10.00	10.00	
Fungicide	1	Acre	15.00	15.00	
Insecticide	1	Acre	6.00	6.00	
Drying Fuel & Electricity*	180	Bushels	0.17	30.60	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	18.00	18.00	
Machinery Repairs	1	Acre	12.00	12.00	
Hauling & Transportation*	180	Bushels	0.17	30.60	
Irrigation Fuel (Acre Inches)	12	Acre	2.50	30.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	18.00	18.00	
Irrigation Labor	1	Acre	4.00	4.00	
Custom Application	1	Acre	6.50	6.50	
Crop Insurance	1	Acre	25.00	25.00	
Subtotal		Acre		\$ 518.60	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	20.74	
Total Variable		Acre		\$ 539.34	
Fixed Machinery Cost	1	Acre	42.00	42.00	
Fixed Irrigation Cost	1	Acre	70.00	70.00	
Total (Excluding Land)		Acre		\$ 651.34	
Land Real Estate Taxes	1	Acre	0.30%	8.90	
Land Interest	2966	Acre	4.00%	118.64	
Total Cost		Acre		\$ 778.88	

* Drying & Transportation Costs Change With Yields

Expected Production	180 Bu	
Base Price	\$ 5.00	
APH	170 Bu	
Coverage Level	70%	
Revenue Guarantee	\$ 595.00 per acre	

Return on risk goal	12% on total cost of production per acre	
Profit objective (per acre)	\$ 93.47	
Total revenue goal	\$ 872.35	
Minimum price objective	\$ 4.85 use in new crop market plan Add expected new crop basis	

Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
140	\$3.76	\$4.56	\$5.47	210	\$2.62	\$3.15	\$3.76
150	\$3.53	\$4.27	\$5.12	220	\$2.51	\$3.02	\$3.60
160	\$3.33	\$4.03	\$4.83	230	\$2.42	\$2.91	\$3.46
170	\$3.15	\$3.81	\$4.56	240	\$2.33	\$2.80	\$3.33
180	\$3.00	\$3.62	\$4.33	250	\$2.25	\$2.70	\$3.21
190	\$2.86	\$3.45	\$4.12	260	\$2.18	\$2.61	\$3.10
200	\$2.73	\$3.29	\$3.93	270	\$2.11	\$2.53	\$3.00

University of Missouri Extension Southeast Missouri Crop Budget 2009 Roundup Ready & Bt Corn Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.3	Bags	220.00	66.00	
Nitrogen	150	Pounds	0.44	66.00	
Phosphate	60	Pounds	0.65	39.00	
Potash	40	Pounds	0.70	28.00	
Limestone	0.5	Tons	25.00	12.50	
Starter Fertilizer	0	Acre	0.00	-	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Boron	0	Pounds	0.00	-	
Pre-Emerge	1	Acre	12.00	12.00	
Post-Emerge	1	Acre	22.00	22.00	
Fungicide	1	Acre	15.00	15.00	
Insecticide	1	Acre	6.00	6.00	
Drying Fuel & Electricity*	140	Bushels	0.17	23.80	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	18.00	18.00	
Machinery Repairs	1	Acre	12.00	12.00	
Hauling & Transportation*	140	Bushels	0.17	23.80	
Irrigation Fuel (Acre Inches)	0	Acre	2.50	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	18.00	18.00	
Irrigation Labor	0	Acre	4.00	-	
Custom Application	1	Acre	6.50	6.50	
Crop Insurance	1	Acre	25.00	25.00	
Subtotal		Acre		\$ 403.60	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	16.14	
Total Variable		Acre		\$ 419.74	
Fixed Machinery Cost	1	Acre	42.00	42.00	
Fixed Irrigation Cost	0	Acre	70.00	-	
Total (Excluding Land)		Acre		\$ 461.74	
Land Real Estate Taxes	1	Acre	0.30%	8.90	
Land Interest	2966	Acre	4.00%	118.64	
Total Cost		Acre		\$ 589.28	

* Drying & Transportation Costs Change With Yields

Expected Production	140 Bu	
Base Price	\$ 5.00	
APH	135 Bu	
Coverage Level	70%	
Revenue Guarantee	\$ 472.50	per acre

Return on risk goal	12%	on total cost of production per acre
Profit objective (per acre)	\$ 70.71	
Total revenue goal	\$ 660.00	
Minimum price objective	\$ 4.71	use in new crop market plan Add expected new crop basis

Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
100	\$4.06	\$4.48	\$5.76	170	\$2.53	\$2.78	\$3.53
110	\$3.72	\$4.10	\$5.26	180	\$2.41	\$2.64	\$3.35
120	\$3.44	\$3.79	\$4.85	190	\$2.30	\$2.52	\$3.19
130	\$3.20	\$3.53	\$4.51	200	\$2.20	\$2.41	\$3.05
140	\$3.00	\$3.30	\$4.21	210	\$2.11	\$2.31	\$2.92
150	\$2.82	\$3.10	\$3.95	220	\$2.03	\$2.22	\$2.80
160	\$2.67	\$2.93	\$3.73	230	\$1.96	\$2.14	\$2.70

**University of Missouri Extension Southeast Missouri Crop Budget
2009 Center Pivot Irrigated RR Bt Corn Budget**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.4	Bags	220.00	88.00	
Nitrogen	210	Pounds	0.44	92.40	
Phosphate	80	Pounds	0.65	52.00	
Potash	60	Pounds	0.70	42.00	
Limestone	0.5	Tons	25.00	12.50	
Starter Fertilizer	0	Acre	0.00	-	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Boron	0	Pounds	0.00	-	
Pre-Emerge	Product: 1	Acre	12.00	12.00	
Post-Emerge	Product: 1	Acre	22.00	22.00	
Fungicide	Product: 1	Acre	15.00	15.00	
Insecticide	Product: 0	Acre	6.00	-	
Drying Fuel & Electricity*	180	Bushels	0.17	30.60	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	18.00	18.00	
Machinery Repairs	1	Acre	12.00	12.00	
Hauling & Transportation*	180	Bushels	0.17	30.60	
Irrigation Fuel (Acre Inches)	12	Acre	2.50	30.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	18.00	18.00	
Irrigation Labor	1	Acre	4.00	4.00	
Custom Application	1	Acre	6.50	6.50	
Crop Insurance	1	Acre	25.00	25.00	
Subtotal		Acre		\$ 532.60	
Interest (1/2 year at 8.0%)	1	Acre	4.00%	21.30	
Total Variable		Acre		\$ 553.90	
Fixed Machinery Cost	1	Acre	42.00	42.00	
Fixed Irrigation Cost	1	Acre	70.00	70.00	
Total (Excluding Land)		Acre		\$ 665.90	
Land Real Estate Taxes	1	Acre	0.30%	9.00	
Land Interest	3000	Acre	4.00%	120.00	
Total Cost		Acre		\$ 794.90	

* Drying & Transportation Costs Change With Yields

Expected Production	180 Bu	
Base Price	\$ 5.00	
APH	170 Bu	
Coverage Level	70%	
Revenue Guarantee	\$ 595.00 per acre	

Return on risk goal	12% on total cost of production per acre	
Profit objective (per acre)	\$ 95.39	
Total revenue goal	\$ 890.29	
Minimum price objective	\$ 4.95 use in new crop market plan Add expected new crop basis	

Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
140	\$3.86	\$4.66	\$5.58	210	\$2.69	\$3.22	\$3.83
150	\$3.62	\$4.37	\$5.23	220	\$2.58	\$3.09	\$3.68
160	\$3.42	\$4.12	\$4.93	230	\$2.48	\$2.97	\$3.53
170	\$3.24	\$3.90	\$4.66	240	\$2.39	\$2.86	\$3.40
180	\$3.08	\$3.70	\$4.42	250	\$2.31	\$2.76	\$3.27
190	\$2.93	\$3.52	\$4.20	260	\$2.24	\$2.67	\$3.16
200	\$2.80	\$3.36	\$4.01	270	\$2.16	\$2.58	\$3.06

Budget Worksheet For: 2009 Roundup Ready Soybean Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.1	Bags	44.00	48.40	_____
Nitrogen	0	Pounds	0.44	-	_____
Phosphate	40	Pounds	0.65	26.00	_____
Potash	60	Pounds	0.70	42.00	_____
Limestone	0.5	Tons	25.00	12.50	_____
Foliar Fertilizer	0	Acres	0.00	-	_____
Fungicide	Product: _____	1 Acres	15.00	15.00	_____
Insecticide	Product: _____	1 Acre	6.00	6.00	_____
Burn Down Herbicides	Product: _____	0 Quarts	0.00	-	_____
Pre-Emerge	Product: _____	1 Acre	15.00	15.00	_____
Post-Emerge	Product: _____	2 Acre	10.00	20.00	_____
Drying Fuel & Electricity*	0	Bushels	0.08	-	_____
Miscellaneous Overhead	1	Acre	10.00	10.00	_____
Machinery Fuel	1	Acre	11.00	11.00	_____
Machinery Repairs	1	Acre	8.00	8.00	_____
Hauling & Transportation*	50	Bushels	0.17	8.50	_____
Irrigation Fuel (Acre Inches)	0	Acre	2.50	-	_____
Irrigation Repairs	0	Acre	12.00	-	_____
Labor	1	Acre	11.00	11.00	_____
Irrigation Labor	0	Acre	4.00	-	_____
Custom Application	1	Acre	6.50	6.50	_____
Crop Insurance	1	Acre	25.00	25.00	_____
Subtotal		Acre		\$ 264.90	_____
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	10.60	_____
Total Variable		Acre		\$ 275.50	_____
Fixed Machinery Cost	1	Acre	30.00	30.00	_____
Fixed Irrigation Cost	0	Acre	70.00	-	_____
Total (Excluding Land)		Acre		\$ 305.50	_____
Land Real Estate Taxes	1	Acre	0.30%	8.90	_____
Land Interest	2966	Acre	4.00%	118.64	_____
Total Cost		Acre		\$ 433.03	_____

* Drying & Transportation Costs Change With Yields

Expected Production	50 Bu		
Base Price	\$ 9.50		
APH	45 Bu		
Coverage Level	70%		
Revenue Guarantee	\$ 299.25	per acre	

Return on risk goal	12%	on total cost of production per acre	
Profit objective (per acre)	\$ 51.96		
Total revenue goal	\$ 485.00		
Minimum price objective	\$ 9.70	use in new crop market plan	
		Add expected new crop basis	

Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	
20	\$13.52	\$15.02	\$21.40	55	\$5.02	\$5.57	\$7.89
25	\$10.85	\$12.05	\$17.15	60	\$4.62	\$5.12	\$7.25
30	\$9.07	\$10.07	\$14.32	65	\$4.28	\$4.74	\$6.70
35	\$7.80	\$8.66	\$12.30	70	\$3.98	\$4.41	\$6.23
40	\$6.84	\$7.59	\$10.78	75	\$3.73	\$4.13	\$5.83
45	\$6.10	\$6.77	\$9.60	80	\$3.51	\$3.88	\$5.48
50	\$5.51	\$6.11	\$8.66	85	\$3.31	\$3.66	\$5.16

University of Missouri Extension Southeast Missouri Crop Budget 2009 Center Pivot Irr. Roundup Ready Soybeans

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.1	Bags	44.00	48.40	_____
Nitrogen	0	Pounds	0.44	-	_____
Phosphate	40	Pounds	0.65	26.00	_____
Potash	70	Pounds	0.70	49.00	_____
Limestone	0.5	Tons	25.00	12.50	_____
Foliar Fertilizer	0	Acres	0.00	-	_____
Fungicide	Product: 1	Acres	15.00	15.00	_____
Insecticide	Product: 1	Acre	6.00	6.00	_____
Burn Down Herbicides	Product: 0	Quarts	0.00	-	_____
Pre-Emerge	Product: 1	Acre	15.00	15.00	_____
Post-Emerge	Product: 2	Acre	10.00	20.00	_____
Drying Fuel & Electricity*	0	Bushels	0.08	-	_____
Miscellaneous Overhead	1	Acre	10.00	10.00	_____
Machinery Fuel	1	Acre	11.00	11.00	_____
Machinery Repairs	1	Acre	8.00	8.00	_____
Hauling & Transportation*	60	Bushels	0.17	10.20	_____
Irrigation Fuel (Acre Inches)	8	Acre	2.50	20.00	_____
Irrigation Repairs	1	Acre	12.00	12.00	_____
Labor	1	Acre	11.00	11.00	_____
Irrigation Labor	1	Acre	4.00	4.00	_____
Custom Application	1	Acre	6.50	6.50	_____
Crop Insurance	1	Acre	12.00	12.00	_____
Subtotal		Acre		\$ 296.60	_____
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	11.86	_____
Total Variable		Acre		\$ 308.46	_____
Fixed Machinery Cost	1	Acre	30.00	30.00	_____
Fixed Irrigation Cost	1	Acre	70.00	70.00	_____
Total (Excluding Land)		Acre		\$ 408.46	_____
Land Real Estate Taxes	1	Acre	0.30%	8.90	_____
Land Interest	2966	Acre	4.00%	118.64	_____
Total Cost		Acre		\$ 536.00	_____

* Drying & Transportation Costs Change With Yields

Expected Production	60 Bu	
Base Price	\$ 9.50	
APH	55 Bu	
Coverage Level	70%	
Revenue Guarantee	\$ 365.75	per acre

Return on risk goal	12%	on total cost of production per acre
Profit objective (per acre)	\$ 64.32	
Total revenue goal	\$ 600.32	
Minimum price objective	\$ 10.01	use in new crop market plan Add expected new crop basis

Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
30	\$10.11	\$13.45	\$17.70	65	\$4.76	\$6.30	\$8.26
35	\$8.69	\$11.55	\$15.19	70	\$4.43	\$5.86	\$7.68
40	\$7.63	\$10.13	\$13.32	75	\$4.15	\$5.48	\$7.18
45	\$6.80	\$9.02	\$11.85	80	\$3.90	\$5.15	\$6.74
50	\$6.14	\$8.14	\$10.69	85	\$3.68	\$4.86	\$6.36
55	\$5.59	\$7.41	\$9.73	90	\$3.48	\$4.60	\$6.01
60	\$5.14	\$6.81	\$8.93	95	\$3.31	\$4.36	\$5.70

University of Missouri Extension Southeast Missouri Crop Budget 2009 Conventional Soybean Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre	
Seed	1.1	Bags	23.00	25.30	_____	
Nitrogen	0	Pounds	0.44	-	_____	
Phosphate	40	Pounds	0.65	26.00	_____	
Potash	60	Pounds	0.70	42.00	_____	
Limestone	0.5	Tons	25.00	12.50	_____	
Foliar Fertilizer	0	Acres	0.00	-	_____	
Fungicide	Product: _____	1	Acres	15.00	15.00	_____
Insecticide	Product: _____	1	Acre	6.00	6.00	_____
Burn Down Herbicides	Product: _____	0	Quarts	0.00	-	_____
Pre-Emerge	Product: _____	1	Acre	15.00	15.00	_____
Post-Emerge	Product: _____	1	Acre	30.00	30.00	_____
Drying Fuel & Electricity*	0	Bushels	0.08	-	_____	
Miscellaneous Overhead	1	Acre	10.00	10.00	_____	
Machinery Fuel	1	Acre	11.00	11.00	_____	
Machinery Repairs	1	Acre	8.00	8.00	_____	
Hauling & Transportation*	48	Bushels	0.17	8.16	_____	
Irrigation Fuel (Acre Inches)	0	Acre	2.50	-	_____	
Irrigation Repairs	0	Acre	12.00	-	_____	
Labor	1	Acre	11.00	11.00	_____	
Irrigation Labor	0	Acre	4.00	-	_____	
Custom Application	1	Acre	6.50	6.50	_____	
Crop Insurance	1	Acre	25.00	25.00	_____	
Subtotal		Acre		\$ 251.46	_____	
Interest (1/2 year at 8.0%)	1	Acre	5.00%	12.57	_____	
Total Variable		Acre		\$ 264.03	_____	
Fixed Machinery Cost	1	Acre	30.00	30.00	_____	
Fixed Irrigation Cost	0	Acre	70.00	-	_____	
Total (Excluding Land)		Acre		\$ 294.03	_____	
Land Real Estate Taxes	1	Acre	0.30%	8.90	_____	
Land Interest	2966	Acre	4.00%	118.64	_____	
Total Cost		Acre		\$ 421.57	_____	

* Drying & Transportation Costs Change With Yields

Expected Production 48 Bu

Base Price \$ 9.50

APH 44 Bu

Coverage Level 70%

Revenue Guarantee \$ 292.60 per acre

Return on risk goal 12% on total cost of production per acre

Profit objective (per acre) \$ 50.59

Total revenue goal \$ 472.16

Minimum price objective \$ 9.84 use in new crop market plan
Add expected new crop basis

Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
20	\$12.96	\$14.46	\$20.84	55	\$4.82	\$5.37	\$7.69
25	\$10.40	\$11.60	\$16.71	60	\$4.43	\$4.93	\$7.06
30	\$8.70	\$9.70	\$13.95	65	\$4.11	\$4.57	\$6.53
35	\$7.48	\$8.34	\$11.98	70	\$3.83	\$4.25	\$6.08
40	\$6.57	\$7.32	\$10.51	75	\$3.58	\$3.98	\$5.68
45	\$5.86	\$6.52	\$9.36	80	\$3.37	\$3.74	\$5.34
50	\$5.29	\$5.89	\$8.44	85	\$3.18	\$3.53	\$5.03

**University of Missouri Extension Southeast Missouri Crop Budget
2009 Center Pivot Irr. Conventional Soybean Budget**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.2	Bags	23.00	27.60	
Nitrogen	0	Pounds	0.44	-	
Phosphate	40	Pounds	0.65	26.00	
Potash	60	Pounds	0.70	42.00	
Limestone	0.5	Tons	25.00	12.50	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	Product: 1	Acre	15.00	15.00	
Insecticide	Product: 1	Acre	6.00	6.00	
Burn Down Herbicides	Product: 0	Quarts	0.00	-	
Pre-Emerge	Product: 1	Acre	15.00	15.00	
Post-Emerge	Product: 1	Acre	30.00	30.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	11.00	11.00	
Machinery Repairs	1	Acre	8.00	8.00	
Hauling & Transportation*	60	Bushels	0.17	10.20	
Irrigation Fuel (Acre Inches)	8	Acre	2.50	20.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	11.00	11.00	
Irrigation Labor	1	Acre	4.00	4.00	
Custom Application	1	Acre	6.50	6.50	
Crop Insurance	1	Acre	25.00	25.00	
Subtotal		Acre		\$ 291.80	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	11.67	
Total Variable		Acre		\$ 303.47	
Fixed Machinery Cost	1	Acre	30.00	30.00	
Fixed Irrigation Cost	1	Acre	70.00	70.00	
Total (Excluding Land)		Acre		\$ 403.47	
Land Real Estate Taxes	1	Acre	0.30%	8.90	
Land Interest	2966	Acre	4.00%	118.64	
Total Cost		Acre		\$ 531.01	

* Drying & Transportation Costs Change With Yields

Expected Production	60	Bushels	
Base Price	\$ 9.50		
APH	55	Bushels	
Coverage Level	70%		
Revenue Guarantee	\$ 365.75	per acre	

Return on risk goal	12%	on total cost of production per acre	
Profit objective (per acre)	\$ 63.72		
Total revenue goal	\$ 594.73		
Minimum price objective	\$ 9.91	use in new crop market plan Add expected new crop basis	

Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
20	\$14.83	\$19.83	\$26.21	55	\$5.50	\$7.32	\$9.64
25	\$11.90	\$15.90	\$21.00	60	\$5.06	\$6.72	\$8.85
30	\$9.95	\$13.28	\$17.53	65	\$4.68	\$6.22	\$8.18
35	\$8.55	\$11.41	\$15.05	70	\$4.36	\$5.79	\$7.61
40	\$7.50	\$10.00	\$13.19	75	\$4.08	\$5.41	\$7.11
45	\$6.69	\$8.91	\$11.74	80	\$3.84	\$5.09	\$6.68
50	\$6.04	\$8.04	\$10.59	85	\$3.62	\$4.80	\$6.30

**University of Missouri Extension Southeast Missouri Crop Budget
2009 Grain Sorghum Budget**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.16	Bags	90.00	14.40	
Nitrogen	125	Pounds	0.44	55.00	
Phosphate	60	Pounds	0.65	39.00	
Potash	40	Pounds	0.70	28.00	
Limestone	0.5	Tons	25.00	12.50	
Starter Fertilizer	0	Acre	0.00	-	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Boron	0	Pounds	0.00	-	
Pre-Emerge	Product: 1	Acre	26.00	26.00	
Post-Emerge	Product: 1	Acre	4.00	4.00	
Fungicide	Product: 0	Acre	0.00	-	
Insecticide	Product: 1	Acre	6.00	6.00	
Drying Fuel & Electricity*	110	Bushels	0.17	18.70	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	19.00	19.00	
Machinery Repairs	1	Acre	12.00	12.00	
Hauling & Transportation*	110	Bushels	0.17	18.70	
Irrigation Fuel (Acre Inches)	0	Acre	2.50	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	19.00	19.00	
Irrigation Labor	0	Acre	4.00	-	
Custom Application	1	Acre	6.50	6.50	
Crop Insurance	1	Acre	18.00	18.00	
Subtotal		Acre		\$ 306.80	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	12.27	
Total Variable		Acre		\$ 319.07	
Fixed Machinery Cost	1	Acre	40.00	40.00	
Fixed Irrigation Cost	0	Acre	70.00	-	
Total (Excluding Land)		Acre		\$ 359.07	
Land Real Estate Taxes	1	Acre	0.30%	8.90	
Land Interest	2966	Acre	4.00%	118.64	
Total Cost		Acre		\$ 486.61	

* Drying & Transportation Costs Change With Yields

Expected Production	110 Bu	
Base Price	\$ -	
APH	0 Bu	
Coverage Level	70%	
Revenue Guarantee	\$ - per acre	

Return on risk goal	12% on total cost of production per acre	
Profit objective (per acre)	\$ 58.39	
Total revenue goal	\$ 545.00	
Minimum price objective	\$ 4.95 use in new crop market plan	
	Add expected new crop basis	

Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
70	\$4.36	\$4.94	\$6.76	140	\$2.35	\$2.64	\$3.55
80	\$3.86	\$4.36	\$5.96	150	\$2.22	\$2.48	\$3.33
90	\$3.47	\$3.91	\$5.33	160	\$2.10	\$2.35	\$3.15
100	\$3.16	\$3.56	\$4.83	170	\$2.00	\$2.23	\$2.98
110	\$2.90	\$3.26	\$4.42	180	\$1.90	\$2.13	\$2.84
120	\$2.69	\$3.02	\$4.08	190	\$1.82	\$2.03	\$2.70
130	\$2.51	\$2.81	\$3.80	200	\$1.75	\$1.95	\$2.59

University of Missouri Extension Southeast Missouri Crop Budget 2009 Center Pivot Irrigated Grain Sorghum Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.2	Bags	90.00	18.00	_____
Nitrogen	150	Pounds	0.44	66.00	_____
Phosphate	65	Pounds	0.65	42.25	_____
Potash	40	Pounds	0.70	28.00	_____
Limestone	0.5	Tons	25.00	12.50	_____
Starter Fertilizer	0	Acre	0.00	-	_____
Zinc	0	Pounds	0.00	-	_____
Sulfur	0	Pounds	0.00	-	_____
Boron	0	Pounds	0.00	-	_____
Pre-Emerge	Product: 1	Acre	26.00	26.00	_____
Post-Emerge	Product: 1	Acre	4.00	4.00	_____
Fungicide	Product: 0	Acre	0.00	-	_____
Insecticide	Product: 1	Acre	6.00	6.00	_____
Drying Fuel & Electricity*	130	Bushels	0.17	22.10	_____
Miscellaneous Overhead	1	Acre	10.00	10.00	_____
Machinery Fuel	1	Acre	19.00	19.00	_____
Machinery Repairs	1	Acre	12.00	12.00	_____
Hauling & Transportation*	130	Bushels	0.17	22.10	_____
Irrigation Fuel (Acre Inches)	10	Acre	2.50	25.00	_____
Irrigation Repairs	1	Acre	12.00	12.00	_____
Labor	1	Acre	19.00	19.00	_____
Irrigation Labor	1	Acre	4.00	4.00	_____
Custom Application	1	Acre	6.50	6.50	_____
Crop Insurance	1	Acre	16.00	16.00	_____
Subtotal		Acre		\$ 370.45	_____
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	14.82	_____
Total Variable		Acre		\$ 385.27	_____
Fixed Machinery Cost	1	Acre	40.00	40.00	_____
Fixed Irrigation Cost	1	Acre	66.00	70.00	_____
Total (Excluding Land)		Acre		\$ 495.27	_____
Land Real Estate Taxes	1	Acre	0.30%	8.90	_____
Land Interest	2966	Acre	4.00%	118.64	_____
Total Cost		Acre		\$ 622.81	_____

* Drying & Transportation Costs Change With Yields

Expected Production	130 Bu	_____
Base Price	\$ -	_____
APH	0 Bu	_____
Coverage Level	70%	_____
Revenue Guarantee	\$ - per acre	_____

Return on risk goal	12% on total cost of production per acre	_____
Profit objective (per acre)	\$ 74.74	_____
Total revenue goal	\$ 697.54	_____
Minimum price objective	\$ 5.37 use in new crop market plan Add expected new crop basis	_____

Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
100	\$3.75	\$4.85	\$6.13	170	\$2.35	\$2.99	\$3.74
110	\$3.44	\$4.44	\$5.60	180	\$2.23	\$2.85	\$3.55
120	\$3.18	\$4.10	\$5.16	190	\$2.14	\$2.71	\$3.39
130	\$2.96	\$3.81	\$4.79	200	\$2.05	\$2.60	\$3.23
140	\$2.78	\$3.56	\$4.47	210	\$1.96	\$2.49	\$3.10
150	\$2.61	\$3.35	\$4.20	220	\$1.89	\$2.39	\$2.97
160	\$2.47	\$3.16	\$3.96	230	\$1.82	\$2.30	\$2.86

University of Missouri Extension Southeast Missouri Crop Budget 2009 Wheat Budget

Variable Cost	Number of		Cost	Total	Your Cost
	Units	Units	\$/Unit	Cost/Acre	\$/Acre
Seed	2.25	Bags	16.00	36.00	_____
Nitrogen	105	Pounds	0.44	46.20	_____
Phosphate	40	Pounds	0.65	26.00	_____
Potash	20	Pounds	0.70	14.00	_____
Limestone	0.25	Tons	25.00	6.25	_____
Starter Fertilizer	0	Acre	0.00	-	_____
Zinc	0	Pounds	0.00	-	_____
Sulfur	12	Pounds	0.65	7.80	_____
Boron	0	Pounds	0.00	-	_____
Post-Emerge - Ryegrass	Product: _____	1 Acre	18.00	18.00	_____
Post-Emerge - Broadleaf	Product: _____	1 Acre	10.00	10.00	_____
Fungicide	Product: _____	1 Acre	15.00	15.00	_____
Insecticide	Product: _____	2 Acre	6.00	12.00	_____
Drying Fuel & Electricity*	70	Bushels	0.08	5.60	_____
Miscellaneous Overhead	1	Acre	5.00	5.00	_____
Machinery Fuel	1	Acre	12.00	12.00	_____
Machinery Repairs	1	Acre	8.00	8.00	_____
Hauling & Transportation*	70	Bushels	0.17	11.90	_____
Irrigation Fuel (Acre Inches)	0	Acre	2.50	-	_____
Irrigation Repairs	0	Acre	12.00	-	_____
Labor	1	Acre	12.00	12.00	_____
Irrigation Labor	0	Acre	4.00	-	_____
Custom Application	1	Acre	6.50	6.50	_____
Crop Insurance	1	Acre	18.00	18.00	_____
Subtotal		Acre		\$ 270.25	_____
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	10.81	_____
Total Variable		Acre		\$ 281.06	_____
Fixed Machinery Cost	1	Acre	29.00	29.00	_____
Fixed Irrigation Cost	0	Acre	70.00	-	_____
Total (Excluding Land)		Acre		\$ 310.06	_____
Land Real Estate Taxes	1	Acre	0.30%	4.45	_____
Land Interest	1483	Acre	4.00%	59.32	_____
Total Cost		Acre		\$ 373.83	_____

* Drying & Transportation Costs Change With Yields

Expected Production	70 Bu	_____
Base Price	\$ 6.00	_____
APH	66 Bu	_____
Coverage Level	80%	_____
Revenue Guarantee	\$ 316.80 per acre	_____
Return on risk goal	12% on total cost of production per acre	_____
Profit objective (per acre)	\$ 44.86	_____
Total revenue goal	\$ 418.69	_____
Minimum price objective	\$ 5.98 use in new crop market plan	_____
	Add expected new crop basis	_____

Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
40	\$6.84	\$7.56	\$9.16	75	\$3.76	\$4.15	\$5.00
45	\$6.11	\$6.75	\$8.17	80	\$3.54	\$3.91	\$4.70
50	\$5.52	\$6.10	\$7.38	85	\$3.35	\$3.69	\$4.44
55	\$5.04	\$5.57	\$6.73	90	\$3.18	\$3.50	\$4.21
60	\$4.64	\$5.13	\$6.19	95	\$3.02	\$3.33	\$4.00
65	\$4.30	\$4.75	\$5.73	100	\$2.89	\$3.18	\$3.81
70	\$4.02	\$4.43	\$5.34	105	\$2.76	\$3.04	\$3.64

University of Missouri Extension Southeast Missouri Crop Budget 2009 Center Pivot Irrigated Popcorn Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	10	Pounds	3.80	38.00	_____
Nitrogen	185	Pounds	0.44	81.40	_____
Phosphate	80	Pounds	0.65	52.00	_____
Potash	60	Pounds	0.70	42.00	_____
Limestone	0.5	Tons	25.00	12.50	_____
Starter Fertilizer	0	Acre	0.00	-	_____
Zinc	0	Pounds	0.00	-	_____
Sulfur	0	Pounds	0.00	-	_____
Boron	0	Pounds	0.00	-	_____
Pre-Emerge	Product: <input style="width: 50px;" type="text"/>	Acre	30.00	30.00	_____
Post-Emerge	Product: <input style="width: 50px;" type="text"/>	Acre	4.00	4.00	_____
Fungicide	Product: <input style="width: 50px;" type="text"/>	Acre	0.00	-	_____
Insecticide	Product: <input style="width: 50px;" type="text"/>	Acre	10.00	10.00	_____
Drying Fuel & Electricity*	0	Bushels	0.14	-	_____
Miscellaneous Overhead	1	Acre	10.00	10.00	_____
Machinery Fuel	1	Acre	18.00	18.00	_____
Machinery Repairs	1	Acre	12.00	12.00	_____
Hauling & Transportation*	5000	Pounds	0.0020	10.00	_____
Irrigation Fuel (Acre Inches)	12	Acre	2.50	30.00	_____
Irrigation Repairs	1	Acre	12.00	12.00	_____
Labor	1	Acre	18.00	18.00	_____
Irrigation Labor	1	Acre	4.00	4.00	_____
Custom Application	1	Acre	6.50	6.50	_____
Crop Insurance	1	Acre	25.00	25.00	_____
Subtotal		Acre		\$ 415.40	_____
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	16.62	_____
Total Variable		Acre		\$ 432.02	_____
Fixed Machinery Cost	1	Acre	42.00	42.00	_____
Fixed Irrigation Cost	1	Acre	70.00	70.00	_____
Total (Excluding Land)		Acre		\$ 544.02	_____
Land Real Estate Taxes	1	Acre	0.30%	8.90	_____
Land Interest	2966	Acre	4.00%	118.64	_____
Total Cost		Acre		\$ 671.55	_____

* Drying & Transportation Costs Change With Yields

Expected Production	5000 lbs	_____
Base Price	\$ -	_____
APH	4600 lbs	_____
Coverage Level	0%	_____
Revenue Guarantee	\$ - per acre	_____
Return on risk goal	12% on total cost of production per acre	_____
Profit objective (per acre)	\$ 80.59	_____
Total revenue goal	\$ 752.14	_____
Minimum price objective	\$ 0.15 Cash price needed to meet profit objective	_____

Breakeven Price in Cents/Pound

Yield Lb/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Lb/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
3000	\$0.143	\$0.180	\$0.223	4750	\$0.091	\$0.114	\$0.141
3250	\$0.132	\$0.166	\$0.206	5000	\$0.086	\$0.109	\$0.134
3500	\$0.123	\$0.155	\$0.191	5250	\$0.082	\$0.104	\$0.128
3750	\$0.115	\$0.144	\$0.178	5500	\$0.079	\$0.099	\$0.122
4000	\$0.108	\$0.136	\$0.167	5750	\$0.075	\$0.095	\$0.117
4250	\$0.101	\$0.128	\$0.158	6000	\$0.072	\$0.091	\$0.112
4500	\$0.096	\$0.121	\$0.149	6250	\$0.070	\$0.087	\$0.108

**Budget worksheet for:
2009 Bollgard II/R. R. Flex Cotton Budget**

Variable Cost		Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed**		1	Acre	99.00	99.00	
Nitrogen		80	Pounds	0.44	35.20	
Phosphate		30	Pounds	0.65	19.50	
Potash		30	Pounds	0.70	21.00	
Limestone		0.5	Tons	25.00	12.50	
Sulfur		0	Pounds	0.00	-	
Boron		1	Pounds	3.50	3.50	
Early - Post with Residual	Product:	0.5	Acre	22.00	11.00	
Post-Emerge - Glyphosate	Product:	2	Acre	10.00	20.00	
Post-Emerge - Layby	Product:	1	Acre	15.00	15.00	
Insecticide	Product:	1	Acre	30.00	30.00	
Boll Weevil Eradication	Product:	1	Acre	5.00	5.00	
Growth Regulator	Product:	1	Acre	4.00	4.00	
Defoliation	Product:	1	Acre	14.00	14.00	
Ginning (changes with Yield)		1050	Pounds	0.00	-	
Miscellaneous Overhead		1	Acre	10.00	10.00	
Machinery Fuel		1	Acre	32.00	32.00	
Machinery Repairs		1	Acre	24.00	24.00	
Irrigation Fuel (Acre Inches)		0	Acre	2.50	-	
Irrigation Repairs		0	Acre	12.00	-	
Labor		1	Acre	33.00	33.00	
Scout		1	Acre	8.00	8.00	
Irrigation Labor		0	Acre	4.00	-	
Custom Application		2	Acre	6.50	13.00	
Crop Insurance		1	Acre	27.00	27.00	
Subtotal			Acre		\$ 436.70	
Interest (1/2 year at 8.0%)		0.5	Acre	8.00%	17.47	
Total Variable			Acre		\$ 454.17	
Fixed Machinery Cost		1	Acre	98.00	98.00	
Fixed Irrigation Cost		0	Acre	70.00	-	
Total (Excluding Land)			Acre		\$ 552.17	
Land Real Estate Taxes		1	Acre	0.30%	8.90	
Land Interest		2966	Acre	4.00%	118.64	
Total Cost			Acre		\$ 679.71	

**Seed cost includes Technology Fee

Expected Production	1050	lbs	
Base Price	\$ 0.60		
APH	900	lbs	
Coverage Level	70%		
Revenue Guarantee	\$ 378.00	per acre	

Return on risk goal	12%	on total cost of production per acre	
Profit objective (per acre)	\$ 81.56		
Total revenue goal	\$ 761.27		
Minimum price objective	\$ 0.73	use in new crop market plan	
		Add cash differential (basis)	

Breakeven Price in Cents/Pound

Yield Lb/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Lb/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
480	\$0.946	\$1.150	\$1.416	900	\$0.505	\$0.614	\$0.755
540	\$0.841	\$1.023	\$1.259	960	\$0.473	\$0.575	\$0.708
600	\$0.757	\$0.920	\$1.133	1020	\$0.445	\$0.541	\$0.666
660	\$0.688	\$0.837	\$1.030	1080	\$0.421	\$0.511	\$0.629
720	\$0.631	\$0.767	\$0.944	1140	\$0.398	\$0.484	\$0.596
780	\$0.582	\$0.708	\$0.871	1200	\$0.378	\$0.460	\$0.566
840	\$0.541	\$0.657	\$0.809	1260	\$0.360	\$0.438	\$0.539

Budget worksheet for: 2009 Center Pivot Irr. Bollgard II/R. R. Flex Cotton

Variable Cost		Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed**		1	Acre	99.00	99.00	
Nitrogen		80	Pounds	0.44	35.20	
Phosphate		40	Pounds	0.65	26.00	
Potash		35	Pounds	0.70	24.50	
Limestone		0.5	Tons	25.00	12.50	
Sulfur		0	Pounds	0.00	-	
Boron		1	Pounds	3.50	3.50	
Early - Post with Residual	Product:	0.5	Acre	22.00	11.00	
Post-Emerge - Glyphosate	Product:	2	Acre	10.00	20.00	
Post-Emerge - Layby	Product:	1	Acre	15.00	15.00	
Insecticide	Product:	1	Acre	30.00	30.00	
Boll Weevil Eradication	Product:	1	Acre	5.00	5.00	
Growth Regulator	Product:	2	Acre	4.00	8.00	
Defoliation	Product:	1	Acre	14.00	14.00	
Ginning (changes with Yield)		1250	Pounds	0.00	-	
Miscellaneous Overhead		1	Acre	10.00	10.00	
Machinery Fuel		1	Acre	32.00	32.00	
Machinery Repairs		1	Acre	24.00	24.00	
Irrigation Fuel (Acre Inches)		9	Acre	2.50	22.50	
Irrigation Repairs		1	Acre	12.00	12.00	
Labor		1	Acre	33.00	33.00	
Scout		1	Acre	8.00	8.00	
Irrigation Labor		1	Acre	4.00	4.00	
Custom Application		2	Acre	6.50	13.00	
Crop Insurance		1	Acre	25.00	25.00	
Subtotal			Acre		\$ 487.20	
Interest (1/2 year at 8.0%)		0.5	Acre	8.00%	19.49	
Total Variable			Acre		\$ 506.69	
Fixed Machinery Cost		1	Acre	98.00	98.00	
Fixed Irrigation Cost		1	Acre	70.00	70.00	
Total (Excluding Land)			Acre		\$ 674.69	
Land Real Estate Taxes		1	Acre	0.30%	8.90	
Land Interest		2966	Acre	4.00%	118.64	
Total Cost			Acre		\$ 802.23	

**Seed cost includes Technology Fee

Expected Production	1250 lbs	
Base Price	\$ 0.60	
APH	1100 lbs	
Coverage Level	70%	
Revenue Guarantee	\$ 462.00 per acre	

Return on risk goal	12% on total cost of production per acre	
Profit objective (per acre)	\$ 96.27	
Total revenue goal	\$ 898.49	
Minimum price objective	\$ 0.72 use in new crop market plan	
	Add cash differential (basis)	

Breakeven Price in Cents/Pound

Yield Lb/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Lb/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
720	\$0.704	\$0.937	\$1.114	1140	\$0.444	\$0.592	\$0.704
780	\$0.650	\$0.865	\$1.028	1200	\$0.422	\$0.562	\$0.669
840	\$0.603	\$0.803	\$0.955	1260	\$0.402	\$0.535	\$0.637
900	\$0.563	\$0.750	\$0.891	1320	\$0.384	\$0.511	\$0.608
960	\$0.528	\$0.703	\$0.836	1380	\$0.367	\$0.489	\$0.581
1020	\$0.497	\$0.661	\$0.786	1440	\$0.352	\$0.469	\$0.557
1080	\$0.469	\$0.625	\$0.743	1500	\$0.338	\$0.450	\$0.535

**University of Missouri Extension Southeast Missouri Crop Budget
2009 Rice Budget - Wells Variety**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	96	Pounds	0.25	24.00	
Nitrogen	150	Pounds	0.44	66.00	
Phosphate	30	Pounds	0.65	19.50	
Potash	40	Pounds	0.70	28.00	
Limestone	0	Tons	25.00	-	
Zinc	3	Pounds	2.75	8.25	
Sulfur	0	Pounds	0.00	-	
Fungicide	Product: 1	Acre	18.00	18.00	
Pre-Emerge	Product: 1	Acre	13.00	13.00	
Post-Emerge	Product: 1	Acre	45.00	45.00	
Insecticide	Product: 0	Acre	0.00	-	
Drying (Custom/Bushel)*	160	Bushels	0.30	48.00	
Hauling & Transportation*	160	Bushels	0.17	27.20	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	26.00	26.00	
Machinery Repairs	1	Acre	14.00	14.00	
Irrigation Fuel	1	Acre	50.00	50.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	24.00	24.00	
Scout	1	Acre	8.00	8.00	
Irrigation Labor	1	Acre	7.00	7.00	
Custom Application	4	Acre	6.50	26.00	
Crop Insurance	1	Acre	25.00	25.00	
Subtotal		Acre		\$ 498.95	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	19.96	
Total Variable		Acre		\$ 518.91	
Fixed Machinery Cost	1	Acre	59.00	59.00	
Fixed Irrigation Cost	1	Acre	70.00	70.00	
Total (Excluding Land)		Acre		\$ 647.91	
Land Real Estate Taxes	1	Acre	0.30%	8.90	
Land Interest	2966	Acre	4.00%	118.64	
Total Cost		Acre		\$ 775.45	

* Drying & Transportation Costs Change With Yields

Expected Production	160	Bushels	
Base Price	\$ 5.80		
APH	150	Bushels	
Coverage Level	70%		
Revenue Guarantee	\$ 609.00	per acre	

Return on risk goal	12%	on total cost of production per acre	
Profit objective (per acre)	\$ 93.05		
Total revenue goal	\$ 868.50		
Minimum price objective	\$ 5.43	use in new crop market plan Add cash differential (basis)	

Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
100	\$4.91	\$6.20	\$7.47	170	\$3.08	\$3.84	\$4.59
110	\$4.50	\$5.68	\$6.84	180	\$2.94	\$3.65	\$4.36
120	\$4.17	\$5.24	\$6.31	190	\$2.81	\$3.48	\$4.16
130	\$3.88	\$4.88	\$5.86	200	\$2.69	\$3.33	\$3.97
140	\$3.64	\$4.56	\$5.47	210	\$2.58	\$3.20	\$3.80
150	\$3.43	\$4.29	\$5.14	220	\$2.49	\$3.07	\$3.65
160	\$3.24	\$4.05	\$4.85	230	\$2.40	\$2.96	\$3.51

**University of Missouri Extension Southeast Missouri Crop Budget
2009 Rice Budget - Clearfield**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	85	Pounds	0.56	47.60	
Nitrogen	150	Pounds	0.44	66.00	
Phosphate	30	Pounds	0.65	19.50	
Potash	40	Pounds	0.70	28.00	
Limestone	0	Tons	25.00	-	
Zinc	3	Pounds	2.75	8.25	
Sulfur	0	Pounds	0.00	-	
Fungicide	Product: 1	Acre	18.00	18.00	
Post-Emerge - Newpath	Product: 1	Acre	30.00	30.00	
Post-Emerge - Propanil	Product: 1	Acre	10.00	10.00	
Insecticide	Product: 0	Acre	0.00	-	
Drying (Custom/Bushel)*	160	Bushels	0.30	48.00	
Hauling & Transportation*	160	Bushels	0.17	27.20	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	26.00	26.00	
Machinery Repairs	1	Acre	14.00	14.00	
Irrigation Fuel	1	Acre	50.00	50.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	24.00	24.00	
Scout	1	Acre	8.00	8.00	
Irrigation Labor	1	Acre	7.00	7.00	
Custom Application	4	Acre	6.50	26.00	
Crop Insurance	1	Acre	25.00	25.00	
Subtotal		Acre		\$ 504.55	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	20.18	
Total Variable		Acre		\$ 524.73	
Fixed Machinery Cost	1	Acre	59.00	59.00	
Fixed Irrigation Cost	1	Acre	70.00	70.00	
Total (Excluding Land)		Acre		\$ 653.73	
Land Real Estate Taxes	1	Acre	0.30%	8.90	
Land Interest	2966	Acre	4.00%	118.64	
Total Cost		Acre		\$ 781.27	

* Drying & Transportation Costs Change With Yields

Expected Production	160	Bushels	
Base Price	\$ 5.80		
APH	150	Bushels	
Coverage Level	70%		
Revenue Guarantee	\$ 609.00	per acre	

Return on risk goal	12%	on total cost of production per acre	
Profit objective (per acre)	\$ 93.75		
Total revenue goal	\$ 875.02		
Minimum price objective	\$ 5.47	use in new crop market plan Add cash differential (basis)	

Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
100	\$4.97	\$6.26	\$7.53	170	\$3.11	\$3.87	\$4.62
110	\$4.56	\$5.73	\$6.89	180	\$2.97	\$3.68	\$4.39
120	\$4.22	\$5.29	\$6.35	190	\$2.84	\$3.51	\$4.19
130	\$3.93	\$4.92	\$5.90	200	\$2.72	\$3.36	\$4.00
140	\$3.68	\$4.60	\$5.51	210	\$2.61	\$3.22	\$3.83
150	\$3.47	\$4.33	\$5.18	220	\$2.51	\$3.10	\$3.68
160	\$3.28	\$4.09	\$4.88	230	\$2.42	\$2.99	\$3.54

**University of Missouri Extension Southeast Missouri Crop Budget
2009 Hybrid Rice Budget**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	30	Pounds	3.00	90.00	
Nitrogen	150	Pounds	0.44	66.00	
Phosphate	30	Pounds	0.65	19.50	
Potash	40	Pounds	0.70	28.00	
Limestone	0	Tons	25.00	-	
Zinc	3	Pounds	2.75	8.25	
Sulfur	0	Pounds	0.00	-	
Fungicide	Product: 0	Ounces	0.00	-	
Pre-Emerge	Product: 1	Acre	13.00	13.00	
Post-Emerge	Product: 1	Acre	45.00	45.00	
Insecticide	Product: 0	Acre	0.00	-	
Drying (Custom/Bushel)*	180	Bushels	0.30	54.00	
Hauling & Transportation*	180	Bushels	0.17	30.60	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	26.00	26.00	
Machinery Repairs	1	Acre	14.00	14.00	
Irrigation Fuel	1	Acre	50.00	50.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	24.00	24.00	
Scout	1	Acre	8.00	8.00	
Irrigation Labor	1	Acre	7.00	7.00	
Custom Application	3	Acre	6.50	19.50	
Crop Insurance	1	Acre	25.00	25.00	
Subtotal		Acre		\$ 549.85	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	21.99	
Total Variable		Acre		\$ 571.84	
Fixed Machinery Cost	1	Acre	59.00	59.00	
Fixed Irrigation Cost	1	Acre	70.00	70.00	
Total (Excluding Land)		Acre		\$ 700.84	
Land Real Estate Taxes	1	Acre	0.30%	8.90	
Land Interest	2966	Acre	4.00%	118.64	
Total Cost		Acre		\$ 828.38	

* Drying & Transportation Costs Change With Yields

Expected Production	180	Bushels	
Base Price	\$ 5.80		
APH	165	Bushels	
Coverage Level	70%		
Revenue Guarantee	\$ 669.90	per acre	

Return on risk goal	12%	on total cost of production per acre	
Profit objective (per acre)	\$ 99.41		
Total revenue goal	\$ 927.79		
Minimum price objective	\$ 5.15	use in new crop market plan Add cash differential (basis)	

Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
120	\$4.53	\$5.61	\$6.67	190	\$3.03	\$3.71	\$4.38
130	\$4.22	\$5.21	\$6.19	200	\$2.91	\$3.55	\$4.19
140	\$3.95	\$4.87	\$5.78	210	\$2.79	\$3.40	\$4.01
150	\$3.72	\$4.58	\$5.43	220	\$2.68	\$3.27	\$3.85
160	\$3.52	\$4.32	\$5.12	230	\$2.59	\$3.15	\$3.70
170	\$3.34	\$4.09	\$4.85	240	\$2.50	\$3.04	\$3.57
180	\$3.18	\$3.89	\$4.60	250	\$2.42	\$2.93	\$3.45

**University of Missouri Extension Southeast Missouri Crop Budget
2009 Hybrid Rice Budget - Clearfield**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	30	Pounds	4.00	126.00	
Nitrogen	150	Pounds	0.44	66.00	
Phosphate	30	Pounds	0.65	19.50	
Potash	40	Pounds	0.70	28.00	
Limestone	0	Tons	25.00	-	
Zinc	3	Pounds	2.75	8.25	
Sulfur	0	Pounds	0.00	-	
Fungicide	Product: 0	Ounces	2.00	-	
Post-Emerge - Newpath	Product: 1	Acre	30.00	30.00	
Post-Emerge - Propanil	Product: 1	Acre	10.00	10.00	
Insecticide	Product: 0	Acre	0.00	-	
Drying (Custom/Bushel)*	180	Bushels	0.30	54.00	
Hauling & Transportation*	180	Bushels	0.17	30.60	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	26.00	26.00	
Machinery Repairs	1	Acre	14.00	14.00	
Irrigation Fuel	1	Acre	50.00	50.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	24.00	24.00	
Scout	1	Acre	8.00	8.00	
Irrigation Labor	1	Acre	7.00	7.00	
Custom Application	3	Acre	6.50	19.50	
Crop Insurance	1	Acre	25.00	25.00	
Subtotal		Acre		\$ 567.85	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	22.71	
Total Variable		Acre		\$ 590.56	
Fixed Machinery Cost	1	Acre	59.00	59.00	
Fixed Irrigation Cost	1	Acre	70.00	70.00	
Total (Excluding Land)		Acre		\$ 719.56	
Land Real Estate Taxes	1	Acre	0.30%	8.90	
Land Interest	2966	Acre	4.00%	118.64	
Total Cost		Acre		\$ 847.10	

* Drying & Transportation Costs Change With Yields

Expected Production	180	Bushels	
Base Price	\$ 5.80		
APH	165	Bushels	
Coverage Level	70%		
Revenue Guarantee	\$ 669.90	per acre	

Return on risk goal	12%	on total cost of production per acre	
Profit objective (per acre)	\$ 101.65		
Total revenue goal	\$ 948.75		
Minimum price objective	\$ 5.27	use in new crop market plan	
		Add cash differential (basis)	

Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
120	\$4.69	\$5.76	\$6.82	190	\$3.13	\$3.81	\$4.48
130	\$4.36	\$5.35	\$6.34	200	\$3.00	\$3.64	\$4.28
140	\$4.08	\$5.01	\$5.92	210	\$2.88	\$3.49	\$4.10
150	\$3.84	\$4.70	\$5.55	220	\$2.77	\$3.36	\$3.94
160	\$3.63	\$4.44	\$5.24	230	\$2.67	\$3.23	\$3.79
170	\$3.45	\$4.21	\$4.96	240	\$2.58	\$3.12	\$3.65
180	\$3.28	\$4.00	\$4.71	250	\$2.49	\$3.01	\$3.52

**University of Missouri Extension Southeast Missouri Crop Budget
2009 No-Till Double Crop Roundup Ready Soybean**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.2	Bags	44.00	52.80	
Nitrogen	0	Pounds	0.44	-	
Phosphate	30	Pounds	0.65	19.50	
Potash	50	Pounds	0.70	35.00	
Limestone	0.25	Tons	25.00	6.25	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	Product: 1	Acres	15.00	15.00	
Insecticide	Product: 2	Acre	6.00	12.00	
Burn Down Herbicides	Product: 1	Acre	10.00	10.00	
Pre-Emerge	Product: 0	Acre	0.00	-	
Post-Emerge	Product: 2	Acre	10.00	20.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel	1	Acre	8.00	8.00	
Machinery Repairs	1	Acre	6.00	6.00	
Hauling & Transportation*	35	Bushels	0.17	5.95	
Irrigation Fuel (Acre Inches)	0	Acre	2.50	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	9.00	9.00	
Irrigation Labor	0	Acre	4.00	-	
Custom Application	1	Acre	6.50	6.50	
Crop Insurance	1	Acre	20.00	20.00	
Subtotal		Acre		\$ 231.00	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	9.24	
Total Variable		Acre		\$ 240.24	
Fixed Machinery Cost	1	Acre	23.00	23.00	
Fixed Irrigation Cost	0	Acre	70.00	-	
Total (Excluding Land)		Acre		\$ 263.24	
Land Real Estate Taxes	1	Acre	0.30%	4.45	
Land Interest	1483	Acre	4.00%	59.32	
Total Cost		Acre		\$ 327.01	

* Drying & Transportation Costs Change With Yields

Expected Production	35 Bushels	
Base Price	\$ 9.50	
APH	32 Bushels	
Coverage Level	70%	
Revenue Guarantee	\$ 212.80 per acre	

Return on risk goal	6% on total cost of production per acre	
Profit objective (per acre)	\$ 19.62	
Total revenue goal	\$ 346.63	
Minimum price objective	\$ 9.90 use in new crop market plan	

Add expected new crop basis

Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
20	\$11.88	\$13.03	\$16.22	55	\$4.43	\$4.85	\$6.01
25	\$9.54	\$10.46	\$13.01	60	\$4.07	\$4.46	\$5.52
30	\$7.98	\$8.75	\$10.87	65	\$3.77	\$4.13	\$5.11
35	\$6.86	\$7.52	\$9.34	70	\$3.52	\$3.85	\$4.76
40	\$6.03	\$6.60	\$8.20	75	\$3.29	\$3.60	\$4.45
45	\$5.38	\$5.89	\$7.30	80	\$3.10	\$3.39	\$4.18
50	\$4.86	\$5.32	\$6.59	85	\$2.93	\$3.20	\$3.95

University of Missouri Extension Southeast Missouri Crop Budget
2009 Center Pivot Irr. No-Till D. C. RR Soybean

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.2	Bags	44.00	52.80	
Nitrogen	0	Pounds	0.44	-	
Phosphate	40	Pounds	0.65	26.00	
Potash	65	Pounds	0.70	45.50	
Limestone	0.25	Tons	25.00	6.25	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	Product: 1	Acres	15.00	15.00	
Insecticide	Product: 2	Acre	6.00	12.00	
Burn Down Herbicides	Product: 1	Acre	10.00	10.00	
Pre-Emerge	Product: 0	Acre	0.00	-	
Post-Emerge	Product: 2	Acre	10.00	20.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel	1	Acre	8.00	8.00	
Machinery Repairs	1	Acre	6.00	6.00	
Hauling & Transportation*	45	Bushels	0.17	7.65	
Irrigation Fuel (Acre Inches)	8	Acre	2.50	20.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	9.00	9.00	
Irrigation Labor	1	Acre	4.00	4.00	
Custom Application	1	Acre	6.50	6.50	
Crop Insurance	1	Acre	20.00	20.00	
Subtotal		Acre		\$ 285.70	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	11.43	
Total Variable		Acre		\$ 297.13	
Fixed Machinery Cost	1	Acre	23.00	23.00	
Fixed Irrigation Cost	1	Acre	70.00	70.00	
Total (Excluding Land)		Acre		\$ 390.13	
Land Real Estate Taxes	1	Acre	0.30%	4.45	
Land Interest	1483	Acre	4.00%	59.32	
Total Cost		Acre		\$ 453.90	

* Drying & Transportation Costs Change With Yields

Expected Production	45 Bushels	
Base Price	\$ 9.50	
APH	40 Bushels	
Coverage Level	70%	
Revenue Guarantee	\$ 266.00 per acre	

Return on risk goal	6% on total cost of production per acre	
Profit objective (per acre)	\$ 27.23	
Total revenue goal	\$ 481.13	
Minimum price objective	\$ 10.69 use in new crop market plan	
	Add expected new crop basis	

Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
20	\$14.64	\$19.29	\$22.48	55	\$5.43	\$7.12	\$8.28
25	\$11.75	\$15.47	\$18.02	60	\$4.99	\$6.54	\$7.61
30	\$9.82	\$12.92	\$15.04	65	\$4.62	\$6.05	\$7.04
35	\$8.44	\$11.10	\$12.92	70	\$4.31	\$5.63	\$6.54
40	\$7.41	\$9.73	\$11.33	75	\$4.03	\$5.27	\$6.12
45	\$6.60	\$8.67	\$10.09	80	\$3.79	\$4.95	\$5.75
50	\$5.96	\$7.82	\$9.09	85	\$3.58	\$4.67	\$5.42

University of Missouri Extension Southeast Missouri Crop Budget 2009 No-Till Double Crop Conventional Soybean

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre	
Seed	1.2	Bags	22.00	26.40	_____	
Nitrogen	0	Pounds	0.44	-	_____	
Phosphate	30	Pounds	0.65	19.50	_____	
Potash	50	Pounds	0.70	35.00	_____	
Limestone	0.25	Tons	25.00	6.25	_____	
Foliar Fertilizer	0	Acres	0.00	-	_____	
Fungicide	Product: <input style="width: 50px;" type="text"/>	1	Acres	15.00	15.00	_____
Insecticide	Product: <input style="width: 50px;" type="text"/>	2	Acre	6.00	12.00	_____
Burn Down Herbicides	Product: <input style="width: 50px;" type="text"/>	1	Acre	10.00	10.00	_____
Pre-Emerge	Product: <input style="width: 50px;" type="text"/>	1	Acre	15.00	15.00	_____
Post-Emerge	Product: <input style="width: 50px;" type="text"/>	1	Acre	30.00	30.00	_____
Drying Fuel & Electricity*	0	Bushels	0.08	-	_____	
Miscellaneous Overhead	1	Acre	5.00	5.00	_____	
Machinery Fuel	1	Acre	8.00	8.00	_____	
Machinery Repairs	1	Acre	6.00	6.00	_____	
Hauling & Transportation*	35	Bushels	0.17	5.95	_____	
Irrigation Fuel (Acre Inches)	0	Acre	2.50	-	_____	
Irrigation Repairs	0	Acre	12.00	-	_____	
Labor	1	Acre	9.00	9.00	_____	
Irrigation Labor	0	Acre	4.00	-	_____	
Custom Application	1	Acre	6.50	6.50	_____	
Crop Insurance	1	Acre	20.00	20.00	_____	
Subtotal		Acre		\$ 229.60	_____	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	9.18	_____	
Total Variable		Acre		\$ 238.78	_____	
Fixed Machinery Cost	1	Acre	23.00	23.00	_____	
Fixed Irrigation Cost	0	Acre	70.00	-	_____	
Total (Excluding Land)		Acre		\$ 261.78	_____	
Land Real Estate Taxes	1	Acre	0.30%	4.45	_____	
Land Interest	1483	Acre	4.00%	59.32	_____	
Total Cost		Acre		\$ 325.55	_____	

* Drying & Transportation Costs Change With Yields

Expected Production	35	Bushels	_____
Base Price	\$ 9.50		_____
APH	32	Bushels	_____
Coverage Level	70%		_____
Revenue Guarantee	\$ 212.80	per acre	_____

Return on risk goal	6%	on total cost of production per acre	_____
Profit objective (per acre)	\$ 19.53		_____
Total revenue goal	\$ 345.09		_____
Minimum price objective	\$ 9.86	use in new crop market plan Add expected new crop basis	_____

Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
20	\$11.81	\$12.96	\$16.15	55	\$4.40	\$4.82	\$5.98
25	\$9.48	\$10.40	\$12.95	60	\$4.05	\$4.43	\$5.50
30	\$7.93	\$8.70	\$10.82	65	\$3.75	\$4.11	\$5.09
35	\$6.82	\$7.48	\$9.30	70	\$3.50	\$3.82	\$4.74
40	\$5.99	\$6.57	\$8.16	75	\$3.27	\$3.58	\$4.43
45	\$5.34	\$5.86	\$7.27	80	\$3.08	\$3.37	\$4.17
50	\$4.83	\$5.29	\$6.56	85	\$2.91	\$3.18	\$3.93

University of Missouri Extension Southeast Missouri Crop Budget 2009 C. P. Irr. No-Till D C Conventional Soybean

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.2	Bags	22.00	26.40	_____
Nitrogen	0	Pounds	0.44	-	_____
Phosphate	40	Pounds	0.65	26.00	_____
Potash	65	Pounds	0.70	45.50	_____
Limestone	0.25	Tons	25.00	6.25	_____
Foliar Fertilizer	0	Acres	0.00	-	_____
Fungicide	Product: 1	Acres	15.00	15.00	_____
Insecticide	Product: 2	Acre	6.00	12.00	_____
Burn Down Herbicides	Product: 1	Acre	10.00	10.00	_____
Pre-Emerge	Product: 1	Acre	15.00	15.00	_____
Post-Emerge	Product: 1	Acre	30.00	30.00	_____
Drying Fuel & Electricity*	0	Bushels	0.08	-	_____
Miscellaneous Overhead	1	Acre	5.00	5.00	_____
Machinery Fuel	1	Acre	8.00	8.00	_____
Machinery Repairs	1	Acre	6.00	6.00	_____
Hauling & Transportation*	45	Bushels	0.17	7.65	_____
Irrigation Fuel (Acre Inches)	8	Acre	2.50	20.00	_____
Irrigation Repairs	1	Acre	12.00	12.00	_____
Labor	1	Acre	9.00	9.00	_____
Irrigation Labor	1	Acre	4.00	4.00	_____
Custom Application	1	Acre	6.50	6.50	_____
Crop Insurance	1	Acre	20.00	20.00	_____
Subtotal		Acre		\$ 284.30	_____
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	11.37	_____
Total Variable		Acre		\$ 295.67	_____
Fixed Machinery Cost	1	Acre	23.00	23.00	_____
Fixed Irrigation Cost	1	Acre	70.00	70.00	_____
Total (Excluding Land)		Acre		\$ 388.67	_____
Land Real Estate Taxes	1	Acre	0.30%	4.45	_____
Land Interest	1483	Acre	4.00%	59.32	_____
Total Cost		Acre		\$ 452.44	_____

* Drying & Transportation Costs Change With Yields

Expected Production 45 Bushels

Base Price \$ 9.50

APH 40 Bushels

Coverage Level 70%

Revenue Guarantee \$ 266.00 per acre

Return on risk goal 6% on total cost of production per acre

Profit objective (per acre) \$ 27.15

Total revenue goal \$ 479.59

Minimum price objective \$ 10.66 use in new crop market plan
Add expected new crop basis

Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
20	\$14.57	\$19.22	\$22.41	55	\$5.41	\$7.10	\$8.26
25	\$11.69	\$15.41	\$17.96	60	\$4.97	\$6.52	\$7.58
30	\$9.77	\$12.87	\$15.00	65	\$4.60	\$6.03	\$7.01
35	\$8.40	\$11.06	\$12.88	70	\$4.28	\$5.61	\$6.52
40	\$7.37	\$9.70	\$11.29	75	\$4.01	\$5.25	\$6.10
45	\$6.57	\$8.64	\$10.05	80	\$3.77	\$4.93	\$5.73
50	\$5.93	\$7.79	\$9.07	85	\$3.56	\$4.65	\$5.40

University of Missouri Extension Southeast Missouri Crop Budget 2009 No-Till Double Crop Grain Sorghum Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.16	Bags	90.00	14.40	
Nitrogen	90	Pounds	0.44	39.60	
Phosphate	35	Pounds	0.65	22.75	
Potash	25	Pounds	0.70	17.50	
Limestone	0.25	Tons	25.00	6.25	
Starter Fertilizer	0	Acre	0.00	-	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Burn Down Herbicides	1	Acre	10.00	10.00	
Pre-Emerge	1	Acre	26.00	26.00	
Post-Emerge	1	Acre	4.00	4.00	
Fungicide	0	Acre	0.00	-	
Insecticide	1	Acre	16.00	16.00	
Drying Fuel & Electricity*	70	Bushels	0.17	11.90	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel	1	Acre	14.00	14.00	
Machinery Repairs	1	Acre	11.00	11.00	
Hauling & Transportation*	70	Bushels	0.17	11.90	
Irrigation Fuel (Acre Inches)	0	Acre	2.50	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	15.00	15.00	
Irrigation Labor	0	Acre	5.00	-	
Custom Application	2	Acre	6.50	13.00	
Crop Insurance	1	Acre	20.00	20.00	
Subtotal		Acre		\$ 258.30	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	10.33	
Total Variable		Acre		\$ 268.63	
Fixed Machinery Cost	1	Acre	35.00	35.00	
Fixed Irrigation Cost	0	Acre	70.00	-	
Total (Excluding Land)		Acre		\$ 303.63	
Land Real Estate Taxes	1	Acre	0.30%	4.45	
Land Interest	1483	Acre	4.00%	59.32	
Total Cost		Acre		\$ 367.40	

* Drying & Transportation Costs Change With Yields

Expected Production	70 Bu	
Base Price	\$ -	
APH	0 Bu	
Coverage Level	70%	
Revenue Guarantee	\$ - per acre	
Return on risk goal	12% on total cost of production per acre	
Profit objective (per acre)	\$ 44.09	
Total revenue goal	\$ 411.49	
Minimum price objective	\$ 5.88 use in new crop market plan	

Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
50	\$5.24	\$5.94	\$7.21	120	\$2.38	\$2.67	\$3.20
60	\$4.42	\$5.00	\$6.07	130	\$2.22	\$2.49	\$2.98
70	\$3.84	\$4.34	\$5.25	140	\$2.09	\$2.34	\$2.79
80	\$3.40	\$3.84	\$4.64	150	\$1.97	\$2.21	\$2.63
90	\$3.06	\$3.45	\$4.16	160	\$1.87	\$2.09	\$2.49
100	\$2.79	\$3.14	\$3.78	170	\$1.78	\$1.99	\$2.36
110	\$2.57	\$2.88	\$3.46	180	\$1.70	\$1.89	\$2.25

University of Missouri Extension Southeast Missouri Crop Budget
2009 Center Pivot Irr. No-Till D. C. Grain Sorghum

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.2	Bags	90.00	18.00	
Nitrogen	125	Pounds	0.44	55.00	
Phosphate	55	Pounds	0.65	35.75	
Potash	35	Pounds	0.70	24.50	
Limestone	0.25	Tons	25.00	6.25	
Starter Fertilizer	0	Acre	0.00	-	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Burn Down Herbicides	Product: 1	Acre	10.00	10.00	
Pre-Emerge	Product: 1	Acre	26.00	26.00	
Post-Emerge	Product: 1	Acre	4.00	4.00	
Fungicide	Product: 0	Acre	0.00	-	
Insecticide	Product: 1	Acre	16.00	16.00	
Drying Fuel & Electricity*	110	Bushels	0.17	18.70	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel	1	Acre	14.00	14.00	
Machinery Repairs	1	Acre	11.00	11.00	
Hauling & Transportation*	110	Bushels	0.17	18.70	
Irrigation Fuel (Acre Inches)	8	Acre	2.50	20.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	15.00	15.00	
Irrigation Labor	1	Acre	5.00	5.00	
Custom Application	2	Acre	6.50	13.00	
Crop Insurance	1	Acre	20.00	20.00	
Subtotal		Acre		\$ 347.90	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	13.92	
Total Variable		Acre		\$ 361.82	
Fixed Machinery Cost	1	Acre	35.00	35.00	
Fixed Irrigation Cost	1	Acre	70.00	70.00	
Total (Excluding Land)		Acre		\$ 466.82	
Land Real Estate Taxes	1	Acre	0.30%	4.45	
Land Interest	1483	Acre	4.00%	59.32	
Total Cost		Acre		\$ 530.59	

* Drying & Transportation Costs Change With Yields

Expected Production	110 Bu	
Base Price	\$ -	
APH	0 Bu	
Coverage Level	70%	
Revenue Guarantee	\$ - per acre	
Return on risk goal	12% on total cost of production per acre	
Profit objective (per acre)	\$ 63.67	
Total revenue goal	\$ 594.26	
Minimum price objective	\$ 5.40 use in new crop market plan	

Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
70	\$4.97	\$6.47	\$7.39	140	\$2.66	\$3.41	\$3.86
80	\$4.40	\$5.71	\$6.50	150	\$2.50	\$3.20	\$3.63
90	\$3.94	\$5.11	\$5.82	160	\$2.37	\$3.02	\$3.42
100	\$3.58	\$4.63	\$5.27	170	\$2.25	\$2.87	\$3.24
110	\$3.29	\$4.24	\$4.82	180	\$2.14	\$2.73	\$3.08
120	\$3.04	\$3.92	\$4.45	190	\$2.05	\$2.60	\$2.94
130	\$2.84	\$3.64	\$4.13	200	\$1.96	\$2.49	\$2.81

**University of Missouri Extension Southeast Missouri Crop Budget
2009 Double Crop Southern Pea Budget**

Variable Cost		Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed		20	Pounds	0.95	19.00	
Nitrogen		0	Pounds	0.44	-	
Phosphate		30	Pounds	0.65	19.50	
Potash		50	Pounds	0.70	35.00	
Limestone		0.25	Tons	25.00	6.25	
Zinc		0	Pounds	0.00	-	
Sulfur		0	Pounds	0.00	-	
Pre-Emerge	Product:	1	Acre	22.00	22.00	
Post-Emerge	Product:	0	Acre	0.00	-	
Insecticide	Product:	1	Acre	10.00	10.00	
Desiccation	Product:	1	Acre	3.00	3.00	
Drying Fuel & Electricity*		0	Bushels	0.08	-	
Hauling & Transportation*		1200	Pounds	0.0020	2.40	
Miscellaneous Overhead		1	Acre	5.00	5.00	
Machinery Fuel		1	Acre	15.00	15.00	
Machinery Repairs		1	Acre	10.00	10.00	
Irrigation Fuel (Acre Inches)		0	Acre	2.50	-	
Irrigation Repairs		0	Acre	12.00	-	
Labor		1	Acre	15.00	15.00	
Irrigation Labor		0	Acre	3.00	-	
Custom Application		0	Acre	6.50	-	
Crop Insurance		1	Acre	20.00	20.00	
Subtotal			Acre		\$ 182.15	
Interest (1/2 year at 8.0%)		0.5	Acre	8.00%	7.29	
Total Variable			Acre		\$ 189.44	
Fixed Machinery Cost		1	Acre	38.00	38.00	
Fixed Irrigation Cost		0	Acre	70.00	-	
Total (Excluding Land)			Acre		\$ 227.44	
Land Real Estate Taxes		1	Acre	0.30%	4.45	
Land Interest		1483	Acre	4.00%	59.32	
Total Cost			Acre		\$ 291.21	

* Drying & Transportation Costs Change With Yields

Expected Production	1200 lbs	
Base Price	\$ -	
APH	0 lbs	
Coverage Level	70%	
Revenue Guarantee	\$ - per acre	

Return on risk goal	6% on total cost of production per acre	
Profit objective (per acre)	\$ 17.47	
Total revenue goal	\$ 308.68	
Minimum price objective	\$ 0.26 use in new crop market plan Add cash differential (basis)	

Breakeven Price in Cents/Pound

Yield Lb/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Lb/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
600	\$0.314	\$0.377	\$0.483	1300	\$0.146	\$0.175	\$0.224
700	\$0.269	\$0.323	\$0.415	1400	\$0.136	\$0.163	\$0.208
800	\$0.236	\$0.283	\$0.363	1500	\$0.127	\$0.152	\$0.195
900	\$0.210	\$0.252	\$0.323	1600	\$0.119	\$0.143	\$0.183
1000	\$0.189	\$0.227	\$0.291	1700	\$0.112	\$0.134	\$0.172
1100	\$0.172	\$0.207	\$0.265	1800	\$0.106	\$0.127	\$0.162
1200	\$0.158	\$0.190	\$0.243	1900	\$0.100	\$0.120	\$0.154

University of Missouri Extension Southeast Missouri Crop Budget 2009 Center Pivot Irrigated D. C. Southern Pea

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre	
Seed	20	Pounds	0.95	19.00	_____	
Nitrogen	0	Pounds	0.44	-	_____	
Phosphate	40	Pounds	0.65	26.00	_____	
Potash	65	Pounds	0.70	45.50	_____	
Limestone	0.25	Tons	25.00	6.25	_____	
Zinc	0	Pounds	0.00	-	_____	
Sulfur	0	Pounds	0.00	-	_____	
Pre-Emerge	Product: _____	1	Acre	22.00	22.00	_____
Post-Emerge	Product: _____	0	Acre	0.00	-	_____
Insecticide	Product: _____	1	Acre	10.00	10.00	_____
Desiccation	Product: _____	1	Acre	3.00	3.00	_____
Drying Fuel & Electricity*	0	Bushels	0.08	-	_____	
Hauling & Transportation*	1600	Pounds	0.0020	3.20	_____	
Miscellaneous Overhead	1	Acre	5.00	5.00	_____	
Machinery Fuel	1	Acre	15.00	15.00	_____	
Machinery Repairs	1	Acre	10.00	10.00	_____	
Irrigation Fuel (Acre Inches)	8	Acre	2.50	20.00	_____	
Irrigation Repairs	1	Acre	12.00	12.00	_____	
Labor	1	Acre	15.00	15.00	_____	
Irrigation Labor	1	Acre	3.00	3.00	_____	
Custom Application	0	Acre	6.50	-	_____	
Crop Insurance	1	Acre	20.00	20.00	_____	
Subtotal		Acre		\$ 234.95	_____	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	9.40	_____	
Total Variable		Acre		\$ 244.35	_____	
Fixed Machinery Cost	1	Acre	38.00	38.00	_____	
Fixed Irrigation Cost	1	Acre	70.00	70.00	_____	
Total (Excluding Land)		Acre		\$ 352.35	_____	
Land Real Estate Taxes	1	Acre	0.30%	4.45	_____	
Land Interest	1483	Acre	4.00%	59.32	_____	
Total Cost		Acre		\$ 416.12	_____	

* Drying & Transportation Costs Change With Yields

Expected Production	1600	lbs	_____
Base Price	\$ -		_____
APH	0	lbs	_____
Coverage Level	70%		_____
Revenue Guarantee	\$ -	per acre	_____

Return on risk goal	6%	on total cost of production per acre	_____
Profit objective (per acre)	\$ 24.97		_____
Total revenue goal	\$ 441.08		_____
Minimum price objective	\$ 0.28	use in new crop market plan	_____
		Add cash differential (basis)	_____

Breakeven Price in Cents/Pound

Yield Lb/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Lb/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
1000	\$0.243	\$0.351	\$0.415	1700	\$0.144	\$0.207	\$0.245
1100	\$0.221	\$0.319	\$0.377	1800	\$0.136	\$0.196	\$0.231
1200	\$0.203	\$0.293	\$0.346	1900	\$0.129	\$0.186	\$0.219
1300	\$0.187	\$0.271	\$0.320	2000	\$0.123	\$0.177	\$0.208
1400	\$0.174	\$0.251	\$0.297	2100	\$0.117	\$0.168	\$0.199
1500	\$0.163	\$0.235	\$0.277	2200	\$0.112	\$0.161	\$0.190
1600	\$0.153	\$0.220	\$0.260	2300	\$0.107	\$0.154	\$0.182

Crop Decision Aid - Breakeven Analysis between two Crop based on changes in Yield and Price

Crop 1 - Select Crop Below

Bt Corn

Corn
 Irrigated Corn
 Bt Corn

Irr = Irrigation
 RR = Roundup Ready
 DC = Double Crop

Corn

Price	Yield
\$4.38	138
▲	▲
▼	▼

Select Price and Yield
 For both crops

Crop 2 - Select Crop Below

Soybeans

Irr. Roundup Ready Soybeans
 Conventional Ready Soybeans
 Irr. Conventional Ready Soybeans

No Till RR Soybeans
 Irrigated No Till RR Soybeans
 No Till Convent. Soybeans

Soybeans

Price	Yield
\$7.70	50
▲	▲
▼	▼

Price	Yield
\$0.00	0
▲	▲
▼	▼

	Variable Costs	Total Cost
Crop 1 - Select Crop Below		
Bt Corn	\$ 407.26	\$ 576.80
Crop 2 - Select Crop Below		
Irr. Roundup Ready Soybeans	\$ 308.46	\$ 536.00

Bt Corn versus Irr. Roundup Ready Soybeans						
Equal returns Based on Variable Production Costs						
Bt Corn yields with the same net income as				\$7.70	Soybeans	
Soybeans Yields	Corn Prices		Prices			
	\$4.18	\$4.28	\$4.38	\$4.48	\$4.58	\$4.68
Corn Yields						
40	98	96	94	92	90	88
45	107	105	102	100	98	96
50	117	114	111	109	106	104
55	126	123	120	117	115	112
60	135	132	129	126	123	121

Bt Corn versus Irr. Roundup Ready Soybeans						
Equal returns Based on Variable Production Costs						
Irr RR Soybeans yields with the same net income as				\$4.38	Corn	
Corn Yields	Soybeans Prices		Prices			
	\$7.20	\$7.45	\$7.70	\$7.95	\$8.20	\$8.45
Soybeans Yields						
118	58	56	54	52	51	49
128	64	62	60	58	56	54
138	70	67	65	63	61	59
148	76	73	71	69	67	65
158	82	79	77	74	72	70