

University of Missouri Extension Southeast Missouri Crop Budgets 2010

This spreadsheet provides an estimate of the production costs and returns for the major row crops grown in Southeast Missouri for 2010. 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, at the bottom of each budget are two tables that estimate the returns to the variable and total costs at different yield and price scenarios.

There are **Two Crop Decision Aid Worksheets** to assist in making decisions on which crops to plant based on variable production costs and changes in yields and prices. **The Crop Decision Aid - Breakeven Worksheet** calculates the yield and price between two crops that give equal net returns. **Crop Decision Aid - Net Returns Worksheet** calculates the net return between two crops based on changes in yield and price.

Procedure to Use the Crop Decision Aid Worksheets

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 or net returns to determine your planting decisions.

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. At the bottom of each worksheet are three buttons to take you back to this introduction worksheet or to the Decision Aid Worksheets.

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Crop Budgets

<u>Corn Non-GMO</u>	<u>Corn Non-GMO Irrigated</u>	<u>GMO Corn</u>	<u>GMO Corn Irrigated</u>
<u>Liberty Link Soybeans</u>	<u>Liberty Link Soybeans Irrigated</u>	<u>Roundup Ready Soybeans</u>	<u>Roundup Ready Soybeans Irrigated</u>
<u>Conventional Soybeans</u>	<u>Conventional Soybeans Irrigated</u>	<u>Grain Sorghum</u>	<u>Grain Sorghum Irrigated</u>
<u>Wheat</u>	<u>Popcorn</u>	<u>RR Bt Cotton</u>	<u>RR Bt Cotton Irrigated</u>
<u>Rice - Wells</u>	<u>Rice - Clearfield</u>	<u>Rice - Hybrid</u>	<u>Rice - Hybrid Clearfield</u>
<u>No Till Double Crop Roundup Ready Soybeans</u>	<u>Irrigated No Till Double Crop Roundup Ready Soybeans</u>	<u>No Till Double Crop Conventional Soybeans</u>	<u>Irrigated No Till Double Crop Conventional Soybeans</u>
<u>No Till Double Crop Liberty Link Soybeans</u>	<u>Irrigated No Till Double Crop Liberty Link Soybeans</u>	<u>No Till Double Crop Grain Sorghum</u>	<u>Irrigated No Till Double Crop Grain Sorghum</u>
<u>Double Crop Southern Pea</u>	<u>Irrigated Double Crop Southern Pea</u>	<u>Crop Decision Aid - Breakeven Analysis</u>	<u>Crop Decision Aid - Net Returns</u>

University of Missouri Extension Southeast Missouri Crop Budget

2010 Non-GMO Corn Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.3	Bags	160.00	48.00	
Nitrogen	150	Pounds	0.40	60.00	
Phosphate	60	Pounds	0.40	24.00	
Potash	50	Pounds	0.40	20.00	
Limestone	0.5	Tons	26.00	13.00	
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	23.00	23.00	
Post-Emerge	1	Acre	12.00	12.00	
Fungicide	1	Acre	14.00	14.00	
Insecticide	1	Acre	6.00	6.00	
Drying Fuel & Electricity*	140	Bushels	0.15	21.00	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	19.00	19.00	
Machinery Repairs	1	Acre	13.00	13.00	
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	25.00	25.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Application	1	Acre	6.50	6.50	
Interest (1/2 year at 7.0%)	0.5	Acre	7.00%	11.84	
Total Variable		Acre		\$ 350.14	
Fixed Machinery Cost	1	Acre	42.00	42.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	0	Acre	66.00	-	
Total (Excluding Land)		Acre		\$ 402.14	
Land Real Estate Taxes	1	Acre	0.25%	7.64	
Land Interest	3056	Acre	4.00%	122.24	
Total Cost		Acre		\$ 532.02	

* Drying & Transportation Costs Change With Yields

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	\$3.37	\$3.89	\$5.19	170	\$2.12	\$2.42	\$3.19
110	\$3.10	\$3.57	\$4.75	180	\$2.02	\$2.31	\$3.03
120	\$2.86	\$3.30	\$4.38	190	\$1.93	\$2.20	\$2.88
130	\$2.67	\$3.07	\$4.07	200	\$1.85	\$2.11	\$2.76
140	\$2.50	\$2.87	\$3.80	210	\$1.77	\$2.02	\$2.64
150	\$2.36	\$2.70	\$3.57	220	\$1.71	\$1.94	\$2.53
160	\$2.23	\$2.55	\$3.37	230	\$1.65	\$1.87	\$2.44

University of Missouri Extension Southeast Missouri Crop Budget

2010 Center Pivot Irrigated Non-GMO Corn Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.4	Bags	160.00	64.00	
Nitrogen	210	Pounds	0.40	84.00	
Phosphate	80	Pounds	0.40	32.00	
Potash	60	Pounds	0.40	24.00	
Limestone	0.5	Tons	26.00	13.00	
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	23.00	23.00	
Post-Emerge	1	Acre	12.00	12.00	
Fungicide	1	Acre	14.00	14.00	
Insecticide	1	Acre	6.00	6.00	
Drying Fuel & Electricity*	180	Bushels	0.15	27.00	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	19.00	19.00	
Machinery Repairs	1	Acre	13.00	13.00	
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	25.00	25.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Application	1	Acre	6.50	6.50	
Interest (1/2 year at 7.0%)	0.5	Acre	7.00%	15.68	
Total Variable		Acre		\$ 463.78	
Fixed Machinery Cost	1	Acre	42.00	42.00	
Fixed Buildings & Bins Cost	1	Acre	13.00	13.00	
Fixed Irrigation Cost	1	Acre	66.00	66.00	
Total (Excluding Land)		Acre		\$ 584.78	
Land Real Estate Taxes	1	Acre	0.25%	7.64	
Land Interest	3056	Acre	4.00%	122.24	
Total Cost		Acre		\$ 714.66	

* Drying & Transportation Costs Change With Yields

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	\$3.22	\$4.09	\$5.01	210	\$2.25	\$2.83	\$3.45
150	\$3.03	\$3.83	\$4.70	220	\$2.17	\$2.72	\$3.31
160	\$2.86	\$3.61	\$4.43	230	\$2.09	\$2.61	\$3.18
170	\$2.71	\$3.42	\$4.19	240	\$2.01	\$2.52	\$3.06
180	\$2.58	\$3.25	\$3.97	250	\$1.94	\$2.43	\$2.95
190	\$2.46	\$3.09	\$3.78	260	\$1.88	\$2.35	\$2.85
200	\$2.35	\$2.96	\$3.61	270	\$1.82	\$2.27	\$2.75

University of Missouri Extension Southeast Missouri Crop Budget

2010 GMO Corn Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.3	Bags	235.00	70.50	
Nitrogen	150	Pounds	0.40	60.00	
Phosphate	60	Pounds	0.40	24.00	
Potash	50	Pounds	0.40	20.00	
Limestone	0.5	Tons	26.00	13.00	
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	10.00	10.00	
Fungicide	1	Acre	14.00	14.00	
Insecticide	1	Acre	6.00	6.00	
Drying Fuel & Electricity*	140	Bushels	0.15	21.00	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	19.00	19.00	
Machinery Repairs	1	Acre	13.00	13.00	
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	25.00	25.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Application	1	Acre	6.50	6.50	
Interest (1/2 year at 7.0%)	0.5	Acre	7.00%	12.17	
Total Variable		Acre		\$ 359.97	
Fixed Machinery Cost	1	Acre	42.00	42.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	0	Acre	66.00	-	
Total (Excluding Land)		Acre		\$ 411.97	
Land Real Estate Taxes	1	Acre	0.25%	7.64	
Land Interest	3056	Acre	4.00%	122.24	
Total Cost		Acre		\$ 541.85	

* Drying & Transportation Costs Change With Yields

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	\$3.47	\$3.99	\$5.29	170	\$2.17	\$2.48	\$3.24
110	\$3.19	\$3.66	\$4.84	180	\$2.07	\$2.36	\$3.08
120	\$2.95	\$3.38	\$4.46	190	\$1.98	\$2.25	\$2.94
130	\$2.74	\$3.14	\$4.14	200	\$1.90	\$2.16	\$2.81
140	\$2.57	\$2.94	\$3.87	210	\$1.82	\$2.07	\$2.69
150	\$2.42	\$2.77	\$3.63	220	\$1.75	\$1.99	\$2.58
160	\$2.29	\$2.61	\$3.43	230	\$1.69	\$1.92	\$2.48

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2010 Center Pivot Irrigated GMO Corn Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.4	Bags	235.00	94.00	
Nitrogen	210	Pounds	0.40	84.00	
Phosphate	80	Pounds	0.40	32.00	
Potash	60	Pounds	0.40	24.00	
Limestone	0.5	Tons	26.00	13.00	
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	10.00	10.00	
Fungicide	1	Acre	14.00	14.00	
Insecticide	1	Acre	6.00	6.00	
Drying Fuel & Electricity*	180	Bushels	0.15	27.00	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	19.00	19.00	
Machinery Repairs	1	Acre	13.00	13.00	
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	25.00	25.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Application	1	Acre	6.50	6.50	
Interest (1/2 year at 7.0%)	0.5	Acre	7.00%	16.28	
Total Variable		Acre		\$ 481.38	
Fixed Machinery Cost	1	Acre	42.00	42.00	
Fixed Buildings & Bins Cost	1	Acre	13.00	13.00	
Fixed Irrigation Cost	1	Acre	66.00	66.00	
Total (Excluding Land)		Acre		\$ 602.38	
Land Real Estate Taxes	1	Acre	0.25%	7.64	
Land Interest	3056	Acre	4.00%	122.24	
Total Cost		Acre		\$ 732.26	

* Drying & Transportation Costs Change With Yields

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	\$3.35	\$4.21	\$5.14	210	\$2.34	\$2.91	\$3.53
150	\$3.15	\$3.95	\$4.82	220	\$2.25	\$2.80	\$3.39
160	\$2.97	\$3.72	\$4.54	230	\$2.16	\$2.69	\$3.25
170	\$2.81	\$3.52	\$4.29	240	\$2.09	\$2.59	\$3.13
180	\$2.67	\$3.35	\$4.07	250	\$2.02	\$2.50	\$3.02
190	\$2.55	\$3.19	\$3.87	260	\$1.95	\$2.42	\$2.91
200	\$2.44	\$3.04	\$3.69	270	\$1.89	\$2.34	\$2.82

University of Missouri Extension Southeast Missouri Crop Budget

2010 Liberty Link Soybean Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.1	Bags	47.00	51.70	
Nitrogen	0	Pounds	0.40	-	
Phosphate	40	Pounds	0.40	16.00	
Potash	60	Pounds	0.40	24.00	
Limestone	0.5	Tons	26.00	13.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	14.00	14.00	
Insecticide	1	Acre	6.00	6.00	
Burn Down Herbicides	0	Quarts	0.00	-	
Pre-Emerge	1	Acre	15.00	15.00	
Post-Emerge - Ignite	44	Ounces	0.50	22.00	
Drying Fuel & Electricity*	0	Bushels	0.06	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	12.00	12.00	
Machinery Repairs	1	Acre	9.00	9.00	
Hauling & Transportation*	45	Bushels	0.17	7.65	
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	1	Acre	6.50	6.50	
Interest (1/2 year at 7.0%)	0.5	Acre	7.00%	7.76	
Total Variable		Acre		\$ 229.61	
Fixed Machinery Cost	1	Acre	30.00	30.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	0	Acre	66.00	-	
Total (Excluding Land)		Acre		\$ 269.61	
Land Real Estate Taxes	1	Acre	0.25%	7.64	
Land Interest	3056	Acre	4.00%	122.24	
Total Cost		Acre		\$ 399.49	

* Drying & Transportation Costs Change With Yields

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	\$11.27	\$13.27	\$19.76	55	\$4.21	\$4.93	\$7.29
25	\$9.05	\$10.65	\$15.84	60	\$3.87	\$4.54	\$6.70
30	\$7.57	\$8.90	\$13.23	65	\$3.58	\$4.20	\$6.20
35	\$6.51	\$7.65	\$11.37	70	\$3.34	\$3.91	\$5.77
40	\$5.72	\$6.72	\$9.97	75	\$3.13	\$3.66	\$5.39
45	\$5.10	\$5.99	\$8.88	80	\$2.94	\$3.44	\$5.07
50	\$4.61	\$5.41	\$8.01	85	\$2.78	\$3.25	\$4.78

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2010 Center Pivot Irr. Liberty Link Soybean Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.2	Bags	47.00	56.40	
Nitrogen	0	Pounds	0.40	-	
Phosphate	40	Pounds	0.40	16.00	
Potash	70	Pounds	0.40	28.00	
Limestone	0.5	Tons	26.00	13.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	14.00	14.00	
Insecticide	1	Acre	6.00	6.00	
Burn Down Herbicides	0	Quarts	0.00	-	
Pre-Emerge	1	Acre	15.00	15.00	
Post-Emerge - Ignite	44	Ounces	0.50	22.00	
Drying Fuel & Electricity*	0	Bushels	0.06	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	12.00	12.00	
Machinery Repairs	1	Acre	9.00	9.00	
Hauling & Transportation*	50	Bushels	0.17	8.50	
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	1	Acre	6.50	6.50	
Interest (1/2 year at 7.0%)	0.5	Acre	7.00%	9.32	
Total Variable		Acre		\$ 275.72	
Fixed Machinery Cost	1	Acre	30.00	30.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	1	Acre	66.00	66.00	
Total (Excluding Land)		Acre		\$ 381.72	
Land Real Estate Taxes	1	Acre	0.25%	7.64	
Land Interest	3056	Acre	4.00%	122.24	
Total Cost		Acre		\$ 511.60	

* Drying & Transportation Costs Change With Yields

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	\$13.53	\$18.83	\$25.33	55	\$5.03	\$6.96	\$9.32
25	\$10.86	\$15.10	\$20.29	60	\$4.62	\$6.39	\$8.56
30	\$9.08	\$12.61	\$16.94	65	\$4.28	\$5.91	\$7.91
35	\$7.80	\$10.83	\$14.54	70	\$3.99	\$5.50	\$7.36
40	\$6.85	\$9.50	\$12.75	75	\$3.73	\$5.15	\$6.88
45	\$6.11	\$8.46	\$11.35	80	\$3.51	\$4.84	\$6.46
50	\$5.51	\$7.63	\$10.23	85	\$3.31	\$4.56	\$6.09

University of Missouri Extension Southeast Missouri Crop Budget

2010 Roundup Ready Soybean Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.1	Bags	47.00	51.70	
Nitrogen	0	Pounds	0.40	-	
Phosphate	40	Pounds	0.40	16.00	
Potash	60	Pounds	0.40	24.00	
Limestone	0.5	Tons	26.00	13.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	14.00	14.00	
Insecticide	1	Acre	6.00	6.00	
Burn Down Herbicides	0	Quarts	0.00	-	
Pre-Emerge	1	Acre	15.00	15.00	
Post-Emerge	1	Acre	8.00	8.00	
Drying Fuel & Electricity*	0	Bushels	0.06	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	12.00	12.00	
Machinery Repairs	1	Acre	9.00	9.00	
Hauling & Transportation*	45	Bushels	0.17	7.65	
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	1	Acre	6.50	6.50	
Interest (1/2 year at 7.0%)	0.5	Acre	7.00%	7.27	
Total Variable		Acre		\$ 215.12	
Fixed Machinery Cost	1	Acre	30.00	30.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	0	Acre	66.00	-	
Total (Excluding Land)		Acre		\$ 255.12	
Land Real Estate Taxes	1	Acre	0.25%	7.64	
Land Interest	3056	Acre	4.00%	122.24	
Total Cost		Acre		\$ 385.00	

* Drying & Transportation Costs Change With Yields

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	\$10.54	\$12.54	\$19.04	55	\$3.94	\$4.67	\$7.03
25	\$8.47	\$10.07	\$15.26	60	\$3.63	\$4.29	\$6.46
30	\$7.09	\$8.42	\$12.75	65	\$3.36	\$3.98	\$5.98
35	\$6.10	\$7.24	\$10.95	70	\$3.13	\$3.71	\$5.56
40	\$5.36	\$6.36	\$9.60	75	\$2.94	\$3.47	\$5.20
45	\$4.78	\$5.67	\$8.56	80	\$2.76	\$3.26	\$4.89
50	\$4.32	\$5.12	\$7.72	85	\$2.61	\$3.08	\$4.61

University of Missouri Extension Southeast Missouri Crop Budget

2010 Center Pivot Irr. Roundup Ready Soybeans

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.2	Bags	47.00	56.40	
Nitrogen	0	Pounds	0.40	-	
Phosphate	40	Pounds	0.40	16.00	
Potash	70	Pounds	0.40	28.00	
Limestone	0.5	Tons	26.00	13.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	14.00	14.00	
Insecticide	1	Acre	6.00	6.00	
Burn Down Herbicides	0	Quarts	0.00	-	
Pre-Emerge	1	Acre	15.00	15.00	
Post-Emerge	1	Acre	8.00	8.00	
Drying Fuel & Electricity*	0	Bushels	0.06	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	12.00	12.00	
Machinery Repairs	1	Acre	9.00	9.00	
Hauling & Transportation*	50	Bushels	0.17	8.50	
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	1	Acre	6.50	6.50	
Interest (1/2 year at 7.0%)	0.5	Acre	7.00%	8.83	
Total Variable		Acre		\$ 261.23	
Fixed Machinery Cost	1	Acre	30.00	30.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	1	Acre	66.00	66.00	
Total (Excluding Land)		Acre		\$ 367.23	
Land Real Estate Taxes	1	Acre	0.25%	7.64	
Land Interest	3056	Acre	4.00%	122.24	
Total Cost		Acre		\$ 497.11	

* Drying & Transportation Costs Change With Yields

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	\$8.59	\$12.13	\$16.46	65	\$4.06	\$5.69	\$7.69
35	\$7.39	\$10.42	\$14.13	70	\$3.78	\$5.29	\$7.15
40	\$6.49	\$9.14	\$12.39	75	\$3.54	\$4.95	\$6.68
45	\$5.79	\$8.14	\$11.03	80	\$3.33	\$4.65	\$6.28
50	\$5.22	\$7.34	\$9.94	85	\$3.14	\$4.39	\$5.92
55	\$4.77	\$6.69	\$9.05	90	\$2.98	\$4.16	\$5.60
60	\$4.38	\$6.15	\$8.31	95	\$2.83	\$3.95	\$5.31

University of Missouri Extension Southeast Missouri Crop Budget

2010 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	0.40	-	
Phosphate	40	Pounds	0.40	16.00	
Potash	60	Pounds	0.40	24.00	
Limestone	0.5	Tons	26.00	13.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	14.00	14.00	
Insecticide	1	Acre	6.00	6.00	
Burn Down Herbicides	0	Quarts	0.00	-	
Pre-Emerge	1	Acre	15.00	15.00	
Post-Emerge	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	12.00	12.00	
Machinery Repairs	1	Acre	9.00	9.00	
Hauling & Transportation*	45	Bushels	0.17	7.65	
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	1	Acre	6.50	6.50	
Interest (1/2 year at 7.0%)	0.5	Acre	7.00%	7.12	
Total Variable		Acre		\$ 210.57	
Fixed Machinery Cost	1	Acre	30.00	30.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	0	Acre	66.00	-	
Total (Excluding Land)		Acre		\$ 250.57	
Land Real Estate Taxes	1	Acre	0.25%	7.64	
Land Interest	3056	Acre	4.00%	122.24	
Total Cost		Acre		\$ 380.45	

* Drying & Transportation Costs Change With Yields

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	\$10.32	\$12.32	\$18.81	55	\$3.86	\$4.59	\$6.95
25	\$8.29	\$9.89	\$15.08	60	\$3.55	\$4.22	\$6.38
30	\$6.93	\$8.27	\$12.60	65	\$3.29	\$3.91	\$5.91
35	\$5.97	\$7.11	\$10.82	70	\$3.07	\$3.64	\$5.50
40	\$5.24	\$6.24	\$9.49	75	\$2.88	\$3.41	\$5.14
45	\$4.68	\$5.57	\$8.45	80	\$2.71	\$3.21	\$4.83
50	\$4.23	\$5.03	\$7.63	85	\$2.56	\$3.03	\$4.56

University of Missouri Extension Southeast Missouri Crop Budget

2010 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	0.40	-	
Phosphate	40	Pounds	0.40	16.00	
Potash	70	Pounds	0.40	28.00	
Limestone	0.5	Tons	26.00	13.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	14.00	14.00	
Insecticide	1	Acre	6.00	6.00	
Burn Down Herbicides	0	Quarts	0.00	-	
Pre-Emerge	1	Acre	15.00	15.00	
Post-Emerge	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	12.00	12.00	
Machinery Repairs	1	Acre	9.00	9.00	
Hauling & Transportation*	50	Bushels	0.17	8.50	
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	1	Acre	6.50	6.50	
Interest (1/2 year at 7.0%)	0.5	Acre	7.00%	8.60	
Total Variable		Acre		\$ 254.20	
Fixed Machinery Cost	1	Acre	30.00	30.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	1	Acre	66.00	66.00	
Total (Excluding Land)		Acre		\$ 360.20	
Land Real Estate Taxes	1	Acre	0.25%	7.64	
Land Interest	3056	Acre	4.00%	122.24	
Total Cost		Acre		\$ 490.08	

* Drying & Transportation Costs Change With Yields

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	\$12.45	\$17.75	\$24.25	55	\$4.64	\$6.56	\$8.93
25	\$10.00	\$14.24	\$19.43	60	\$4.26	\$6.03	\$8.20
30	\$8.36	\$11.89	\$16.22	65	\$3.95	\$5.58	\$7.58
35	\$7.19	\$10.22	\$13.93	70	\$3.68	\$5.19	\$7.05
40	\$6.31	\$8.96	\$12.21	75	\$3.45	\$4.86	\$6.59
45	\$5.63	\$7.99	\$10.87	80	\$3.24	\$4.57	\$6.19
50	\$5.08	\$7.20	\$9.80	85	\$3.06	\$4.31	\$5.84

University of Missouri Extension Southeast Missouri Crop Budget

2010 Grain Sorghum Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.16	Bags	95.00	15.20	
Nitrogen	125	Pounds	0.40	50.00	
Phosphate	50	Pounds	0.40	20.00	
Potash	30	Pounds	0.40	12.00	
Limestone	0.5	Tons	26.00	13.00	
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	28.00	28.00	
Post-Emerge	1	Acre	3.00	3.00	
Fungicide	0	Acre	0.00	-	
Insecticide	1	Acre	6.00	6.00	
Drying Fuel & Electricity*	110	Bushels	0.15	16.50	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	21.00	21.00	
Machinery Repairs	1	Acre	13.00	13.00	
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	27.00	27.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Application	1	Acre	6.50	6.50	
Interest (1/2 year at 7.0%)	0.5	Acre	7.00%	9.10	
Total Variable		Acre		\$ 269.00	
Fixed Machinery Cost	1	Acre	41.00	41.00	
Fixed Buildings & Bins Cost	1	Acre	12.00	12.00	
Fixed Irrigation Cost	0	Acre	66.00	-	
Total (Excluding Land)		Acre		\$ 322.00	
Land Real Estate Taxes	1	Acre	0.25%	7.64	
Land Interest	3056	Acre	4.00%	122.24	
Total Cost		Acre		\$ 451.88	

* Drying & Transportation Costs Change With Yields

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	\$3.66	\$4.42	\$6.27	140	\$1.99	\$2.37	\$3.30
80	\$3.24	\$3.90	\$5.53	150	\$1.88	\$2.23	\$3.10
90	\$2.92	\$3.51	\$4.95	160	\$1.78	\$2.11	\$2.92
100	\$2.66	\$3.19	\$4.49	170	\$1.70	\$2.01	\$2.77
110	\$2.45	\$2.93	\$4.11	180	\$1.62	\$1.91	\$2.63
120	\$2.27	\$2.71	\$3.79	190	\$1.55	\$1.83	\$2.51
130	\$2.12	\$2.53	\$3.53	200	\$1.49	\$1.75	\$2.40

University of Missouri Extension Southeast Missouri Crop Budget

2010 Center Pivot Irrigated Grain Sorghum Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.2	Bags	95.00	19.00	
Nitrogen	150	Pounds	0.40	60.00	
Phosphate	55	Pounds	0.40	22.00	
Potash	35	Pounds	0.40	14.00	
Limestone	0.5	Tons	26.00	13.00	
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	28.00	28.00	
Post-Emerge	1	Acre	3.00	3.00	
Fungicide	0	Acre	0.00	-	
Insecticide	1	Acre	6.00	6.00	
Drying Fuel & Electricity*	130	Bushels	0.15	19.50	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	21.00	21.00	
Machinery Repairs	1	Acre	13.00	13.00	
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	27.00	27.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Application	1	Acre	6.50	6.50	
Interest (1/2 year at 7.0%)	0.5	Acre	7.00%	11.34	
Total Variable		Acre		\$ 335.44	
Fixed Machinery Cost	1	Acre	41.00	41.00	
Fixed Buildings & Bins Cost	1	Acre	12.00	12.00	
Fixed Irrigation Cost	1	Acre	66.00	66.00	
Total (Excluding Land)		Acre		\$ 454.44	
Land Real Estate Taxes	1	Acre	0.25%	7.64	
Land Interest	3056	Acre	4.00%	122.24	
Total Cost		Acre		\$ 584.32	

* Drying & Transportation Costs Change With Yields

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	\$3.26	\$4.45	\$5.75	170	\$2.05	\$2.75	\$3.51
110	\$2.99	\$4.07	\$5.25	180	\$1.95	\$2.61	\$3.34
120	\$2.77	\$3.76	\$4.84	190	\$1.87	\$2.49	\$3.18
130	\$2.58	\$3.50	\$4.49	200	\$1.79	\$2.38	\$3.03
140	\$2.42	\$3.27	\$4.20	210	\$1.72	\$2.29	\$2.90
150	\$2.28	\$3.07	\$3.94	220	\$1.66	\$2.20	\$2.79
160	\$2.16	\$2.90	\$3.71	230	\$1.60	\$2.11	\$2.68

University of Missouri Extension Southeast Missouri Crop Budget

2010 Wheat Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	2.25	Bags	16.00	36.00	
Nitrogen	105	Pounds	0.40	42.00	
Phosphate	40	Pounds	0.40	16.00	
Potash	20	Pounds	0.40	8.00	
Limestone	0.25	Tons	26.00	6.50	
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	1	Acre	16.00	16.00	
Post-Emerge - Broadleaf	1	Acre	10.00	10.00	
Fungicide	1	Acre	14.00	14.00	
Insecticide	2	Acre	6.00	12.00	
Drying Fuel & Electricity*	70	Bushels	0.06	4.20	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel	1	Acre	11.00	11.00	
Machinery Repairs	1	Acre	7.00	7.00	
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	3.00	-	
Custom Application	1	Acre	6.50	6.50	
Interest (1/2 year at 7.0%)	0.5	Acre	7.00%	8.01	
Total Variable		Acre		\$ 236.91	
Fixed Machinery Cost	1	Acre	25.00	25.00	
Fixed Buildings & Bins Cost	1	Acre	3.00	3.00	
Fixed Irrigation Cost	0	Acre	66.00	-	
Total (Excluding Land)		Acre		\$ 264.91	
Land Real Estate Taxes	1	Acre	0.25%	3.82	
Land Interest	1528	Acre	4.00%	61.12	
Total Cost		Acre		\$ 329.85	

* Drying & Transportation Costs Change With Yields

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	\$5.75	\$6.45	\$8.07	75	\$3.17	\$3.55	\$4.41
45	\$5.14	\$5.76	\$7.20	80	\$2.99	\$3.34	\$4.15
50	\$4.65	\$5.21	\$6.51	85	\$2.83	\$3.16	\$3.92
55	\$4.24	\$4.75	\$5.93	90	\$2.68	\$2.99	\$3.72
60	\$3.91	\$4.38	\$5.46	95	\$2.55	\$2.85	\$3.53
65	\$3.63	\$4.06	\$5.06	100	\$2.44	\$2.72	\$3.37
70	\$3.38	\$3.78	\$4.71	105	\$2.33	\$2.60	\$3.22

University of Missouri Extension Southeast Missouri Crop Budget

2010 Center Pivot Irrigated Popcorn Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed + Treatment	10	Pounds	4.00	50.00	
Nitrogen	185	Pounds	0.40	74.00	
Phosphate	80	Pounds	0.40	32.00	
Potash	60	Pounds	0.40	24.00	
Limestone	0.5	Tons	26.00	13.00	
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	42.00	42.00	
Post-Emerge	0	Acre	0.00	-	
Fungicide	1	Acre	14.00	14.00	
Insecticide	1	Acre	6.00	6.00	
Drying Fuel & Electricity*	0	Bushels	0.14	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	19.00	19.00	
Machinery Repairs	1	Acre	13.00	13.00	
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	25.00	25.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Application	1	Acre	6.50	6.50	
Interest (1/2 year at 7.0%)	0.5	Acre	7.00%	13.42	
Total Variable		Acre		\$ 396.92	
Fixed Machinery Cost	1	Acre	42.00	42.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	1	Acre	66.00	66.00	
Total (Excluding Land)		Acre		\$ 514.92	
Land Real Estate Taxes	1	Acre	0.25%	7.64	
Land Interest	3056	Acre	4.00%	122.24	
Total Cost		Acre		\$ 644.80	

* Drying & Transportation Costs Change With Yields

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	\$0.131	\$0.170	\$0.214	4750	\$0.083	\$0.108	\$0.136
3250	\$0.121	\$0.157	\$0.197	5000	\$0.079	\$0.103	\$0.129
3500	\$0.113	\$0.146	\$0.183	5250	\$0.076	\$0.098	\$0.123
3750	\$0.105	\$0.137	\$0.171	5500	\$0.072	\$0.094	\$0.117
4000	\$0.099	\$0.128	\$0.161	5750	\$0.069	\$0.090	\$0.112
4250	\$0.093	\$0.121	\$0.151	6000	\$0.066	\$0.086	\$0.108
4500	\$0.088	\$0.114	\$0.143	6250	\$0.064	\$0.083	\$0.104

University of Missouri Extension Southeast Missouri Crop Budget
2010 Bollgard II/R. R. Flex Cotton Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed**	1	Acre	100.00	100.00	
Nitrogen	80	Pounds	0.40	32.00	
Phosphate	30	Pounds	0.40	12.00	
Potash	30	Pounds	0.40	12.00	
Limestone	0.5	Tons	26.00	13.00	
Sulfur	0	Pounds	0.00	-	
Boron	1	Pounds	4.00	4.00	
Early - Post with Residual	1	Acre	30.00	30.00	
Post-Emerge - Glyphosate	2	Acre	5.00	10.00	
Post-Emerge - Layby	1	Acre	10.00	10.00	
Insecticide	1	Acre	37.00	37.00	
Boll Weevil Eradication	1	Acre	5.00	5.00	
Growth Regulator	1	Acre	7.00	7.00	
Defoliation	1	Acre	17.00	17.00	
Ginning (changes with Yield)	0	Pounds	0.00	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	36.00	36.00	
Machinery Repairs	1	Acre	25.00	25.00	
Irrigation Fuel (Acre Inches)	0	Acre	2.50	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	50.00	50.00	
Scout	1	Acre	8.00	8.00	
Irrigation Labor	0	Acre	4.00	-	
Custom Application	2	Acre	6.50	13.00	
Interest (1/2 year at 7.0%)	0.5	Acre	7.00%	15.09	
Total Variable		Acre		\$ 446.09	
Fixed Machinery Cost	1	Acre	94.00	94.00	
Fixed Buildings & Bins Cost	1	Acre	5.00	5.00	
Fixed Irrigation Cost	0	Acre	66.00	-	
Total (Excluding Land)		Acre		\$ 545.09	
Land Real Estate Taxes	1	Acre	0.25%	7.64	
Land Interest	3056	Acre	4.00%	122.24	
Total Cost		Acre		\$ 674.97	

**Seed cost includes Technology Fee

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	\$0.929	\$1.136	\$1.406	900	\$0.496	\$0.606	\$0.750
540	\$0.826	\$1.009	\$1.250	960	\$0.465	\$0.568	\$0.703
600	\$0.743	\$0.908	\$1.125	1020	\$0.437	\$0.534	\$0.662
660	\$0.676	\$0.826	\$1.023	1080	\$0.413	\$0.505	\$0.625
720	\$0.620	\$0.757	\$0.937	1140	\$0.391	\$0.478	\$0.592
780	\$0.572	\$0.699	\$0.865	1200	\$0.372	\$0.454	\$0.562
840	\$0.531	\$0.649	\$0.804	1260	\$0.354	\$0.433	\$0.536

University of Missouri Extension Southeast Missouri Crop Budget
2010 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	100.00	100.00	
Nitrogen	80	Pounds	0.40	32.00	
Phosphate	40	Pounds	0.40	16.00	
Potash	35	Pounds	0.40	14.00	
Limestone	0.5	Tons	26.00	13.00	
Sulfur	0	Pounds	0.00	-	
Boron	1	Pounds	4.00	4.00	
Early - Post with Residual	1	Acre	30.00	30.00	
Post-Emerge - Glyphosate	2	Acre	5.00	10.00	
Post-Emerge - Layby	1	Acre	10.00	10.00	
Insecticide	1	Acre	37.00	37.00	
Boll Weevil Eradication	1	Acre	5.00	5.00	
Growth Regulator	2	Acre	7.00	14.00	
Defoliation	1	Acre	17.00	17.00	
Ginning (changes with Yield)	0	Pounds	0.00	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	36.00	36.00	
Machinery Repairs	1	Acre	25.00	25.00	
Irrigation Fuel (Acre Inches)	9	Acre	2.50	22.50	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	50.00	50.00	
Scout	1	Acre	8.00	8.00	
Irrigation Labor	1	Acre	4.00	4.00	
Custom Application	2	Acre	6.50	13.00	
Interest (1/2 year at 7.0%)	0.5	Acre	7.00%	16.89	
Total Variable		Acre		\$ 499.39	
Fixed Machinery Cost	1	Acre	94.00	94.00	
Fixed Buildings & Bins Cost	1	Acre	5.00	5.00	
Fixed Irrigation Cost	1	Acre	66.00	66.00	
Total (Excluding Land)		Acre		\$ 664.39	
Land Real Estate Taxes	1	Acre	0.25%	7.64	
Land Interest	3056	Acre	4.00%	122.24	
Total Cost		Acre		\$ 794.27	

**Seed cost includes Technology Fee

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	\$0.694	\$0.923	\$1.103	1140	\$0.438	\$0.583	\$0.697
780	\$0.640	\$0.852	\$1.018	1200	\$0.416	\$0.554	\$0.662
840	\$0.595	\$0.791	\$0.946	1260	\$0.396	\$0.527	\$0.630
900	\$0.555	\$0.738	\$0.883	1320	\$0.378	\$0.503	\$0.602
960	\$0.520	\$0.692	\$0.827	1380	\$0.362	\$0.481	\$0.576
1020	\$0.490	\$0.651	\$0.779	1440	\$0.347	\$0.461	\$0.552
1080	\$0.462	\$0.615	\$0.735	1500	\$0.333	\$0.443	\$0.530

University of Missouri Extension Southeast Missouri Crop Budget

2010 Rice Budget - Wells Variety

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	90	Pounds	0.35	31.50	
Nitrogen	150	Pounds	0.40	60.00	
Phosphate	30	Pounds	0.40	12.00	
Potash	40	Pounds	0.40	16.00	
Limestone	0	Tons	26.00	-	
Zinc	3	Pounds	1.75	5.25	
Sulfur	0	Pounds	0.00	-	
Fungicide	1	Acre	14.00	14.00	
Pre-Emerge	1	Acre	15.00	15.00	
Post-Emerge	1	Acre	50.00	50.00	
Insecticide	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	28.00	28.00	
Machinery Repairs	1	Acre	15.00	15.00	
Irrigation Fuel	1	Acre	50.00	50.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	34.00	34.00	
Scout	1	Acre	8.00	8.00	
Irrigation Labor	1	Acre	7.00	7.00	
Custom Application	4	Acre	6.50	26.00	
Interest (1/2 year at 7.0%)	0.5	Acre	7.00%	16.41	
Total Variable		Acre		\$ 485.36	
Fixed Machinery Cost	1	Acre	59.00	59.00	
Fixed Buildings & Bins Cost	1	Acre	18.00	18.00	
Fixed Irrigation Cost	1	Acre	66.00	66.00	
Total (Excluding Land)		Acre		\$ 628.36	
Land Real Estate Taxes	1	Acre	0.25%	7.64	
Land Interest	3056	Acre	4.00%	122.24	
Total Cost		Acre		\$ 758.24	

* Drying & Transportation Costs Change With Yields

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	\$4.57	\$6.00	\$7.30	170	\$2.88	\$3.72	\$4.49
110	\$4.20	\$5.50	\$6.68	180	\$2.75	\$3.54	\$4.26
120	\$3.89	\$5.08	\$6.16	190	\$2.63	\$3.38	\$4.06
130	\$3.63	\$4.73	\$5.72	200	\$2.52	\$3.24	\$3.89
140	\$3.40	\$4.42	\$5.35	210	\$2.42	\$3.10	\$3.72
150	\$3.20	\$4.16	\$5.02	220	\$2.33	\$2.98	\$3.57
160	\$3.03	\$3.93	\$4.74	230	\$2.25	\$2.88	\$3.44

University of Missouri Extension Southeast Missouri Crop Budget

2010 Rice Budget - Clearfield

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	60	Pounds	0.93	55.80	
Nitrogen	150	Pounds	0.40	60.00	
Phosphate	30	Pounds	0.40	12.00	
Potash	40	Pounds	0.40	16.00	
Limestone	0	Tons	25.00	-	
Zinc	3	Pounds	1.75	5.25	
Sulfur	0	Pounds	0.00	-	
Fungicide	1	Acre	14.00	14.00	
Post-Emerge - Newpath	1	Acre	33.00	33.00	
Post-Emerge - Propanil	1	Acre	12.00	12.00	
Insecticide	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	28.00	28.00	
Machinery Repairs	1	Acre	15.00	15.00	
Irrigation Fuel	1	Acre	50.00	50.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	34.00	34.00	
Scout	1	Acre	8.00	8.00	
Irrigation Labor	1	Acre	7.00	7.00	
Custom Application	4	Acre	6.50	26.00	
Interest (1/2 year at 7.0%)	0.5	Acre	7.00%	16.56	
Total Variable		Acre		\$ 489.81	
Fixed Machinery Cost	1	Acre	59.00	59.00	
Fixed Buildings & Bins Cost	1	Acre	18.00	18.00	
Fixed Irrigation Cost	1	Acre	66.00	66.00	
Total (Excluding Land)		Acre		\$ 632.81	
Land Real Estate Taxes	1	Acre	0.25%	7.64	
Land Interest	3056	Acre	4.00%	122.24	
Total Cost		Acre		\$ 762.69	

* Drying & Transportation Costs Change With Yields

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	\$4.62	\$6.05	\$7.34	170	\$2.91	\$3.75	\$4.51
110	\$4.24	\$5.54	\$6.72	180	\$2.77	\$3.57	\$4.29
120	\$3.93	\$5.12	\$6.20	190	\$2.65	\$3.40	\$4.09
130	\$3.66	\$4.76	\$5.76	200	\$2.54	\$3.26	\$3.91
140	\$3.43	\$4.45	\$5.38	210	\$2.44	\$3.13	\$3.74
150	\$3.23	\$4.19	\$5.05	220	\$2.35	\$3.00	\$3.59
160	\$3.06	\$3.96	\$4.77	230	\$2.27	\$2.89	\$3.46

University of Missouri Extension Southeast Missouri Crop Budget

2010 Hybrid Rice Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	25	Pounds	3.70	92.50	
Nitrogen	150	Pounds	0.40	60.00	
Phosphate	30	Pounds	0.40	12.00	
Potash	40	Pounds	0.40	16.00	
Limestone	0	Tons	26.00	-	
Zinc	3	Pounds	1.75	5.25	
Sulfur	0	Pounds	0.00	-	
Fungicide	0	Ounces	0.00	-	
Pre-Emerge	1	Acre	15.00	15.00	
Post-Emerge	1	Acre	50.00	50.00	
Insecticide	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	28.00	28.00	
Machinery Repairs	1	Acre	15.00	15.00	
Irrigation Fuel	1	Acre	50.00	50.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	34.00	34.00	
Scout	1	Acre	8.00	8.00	
Irrigation Labor	1	Acre	7.00	7.00	
Custom Application	3	Acre	6.50	19.50	
Interest (1/2 year at 7.0%)	0.5	Acre	7.00%	18.16	
Total Variable		Acre		\$ 537.01	
Fixed Machinery Cost	1	Acre	59.00	59.00	
Fixed Buildings & Bins Cost	1	Acre	20.00	20.00	
Fixed Irrigation Cost	1	Acre	66.00	66.00	
Total (Excluding Land)		Acre		\$ 682.01	
Land Real Estate Taxes	1	Acre	0.25%	7.64	
Land Interest	3056	Acre	4.00%	122.24	
Total Cost		Acre		\$ 811.89	

* Drying & Transportation Costs Change With Yields

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	\$4.24	\$5.45	\$6.53	190	\$2.85	\$3.61	\$4.30
130	\$3.95	\$5.07	\$6.06	200	\$2.73	\$3.46	\$4.11
140	\$3.70	\$4.74	\$5.66	210	\$2.62	\$3.31	\$3.93
150	\$3.49	\$4.45	\$5.32	220	\$2.53	\$3.19	\$3.78
160	\$3.30	\$4.20	\$5.02	230	\$2.44	\$3.07	\$3.63
170	\$3.13	\$3.98	\$4.75	240	\$2.36	\$2.96	\$3.50
180	\$2.98	\$3.79	\$4.51	250	\$2.28	\$2.86	\$3.38

University of Missouri Extension Southeast Missouri Crop Budget

2010 Hybrid Rice Budget - Clearfield

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	25	Pounds	4.80	124.00	
Nitrogen	150	Pounds	0.40	60.00	
Phosphate	30	Pounds	0.40	12.00	
Potash	40	Pounds	0.40	16.00	
Limestone	0	Tons	26.00	-	
Zinc	3	Pounds	1.75	5.25	
Sulfur	0	Pounds	0.00	-	
Fungicide	0	Ounces	0.00	-	
Post-Emerge - Newpath	1	Acre	33.00	33.00	
Post-Emerge - Propanil	1	Acre	12.00	12.00	
Insecticide	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	28.00	28.00	
Machinery Repairs	1	Acre	15.00	15.00	
Irrigation Fuel	1	Acre	50.00	50.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	34.00	34.00	
Scout	1	Acre	8.00	8.00	
Irrigation Labor	1	Acre	7.00	7.00	
Custom Application	3	Acre	6.50	19.50	
Interest (1/2 year at 7.0%)	0.5	Acre	7.00%	18.56	
Total Variable		Acre		\$ 548.91	
Fixed Machinery Cost	1	Acre	59.00	59.00	
Fixed Buildings & Bins Cost	1	Acre	20.00	20.00	
Fixed Irrigation Cost	1	Acre	66.00	66.00	
Total (Excluding Land)		Acre		\$ 693.91	
Land Real Estate Taxes	1	Acre	0.25%	7.64	
Land Interest	3056	Acre	4.00%	122.24	
Total Cost		Acre		\$ 823.79	

* Drying & Transportation Costs Change With Yields

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	\$4.34	\$5.55	\$6.63	190	\$2.91	\$3.68	\$4.36
130	\$4.04	\$5.16	\$6.16	200	\$2.79	\$3.52	\$4.17
140	\$3.79	\$4.82	\$5.75	210	\$2.68	\$3.37	\$3.99
150	\$3.57	\$4.53	\$5.40	220	\$2.58	\$3.24	\$3.83
160	\$3.37	\$4.28	\$5.09	230	\$2.49	\$3.12	\$3.68
170	\$3.20	\$4.05	\$4.82	240	\$2.40	\$3.01	\$3.55
180	\$3.05	\$3.86	\$4.58	250	\$2.33	\$2.91	\$3.43

University of Missouri Extension Southeast Missouri Crop Budget

2010 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	47.00	56.40	
Nitrogen	0	Pounds	0.40	-	
Phosphate	30	Pounds	0.40	12.00	
Potash	50	Pounds	0.40	20.00	
Limestone	0.25	Tons	26.00	6.50	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	14.00	14.00	
Insecticide	2	Acre	6.00	12.00	
Burn Down Herbicides	1	Acre	5.00	5.00	
Pre-Emerge	0	Acre	0.00	-	
Post-Emerge	1	Acre	25.00	25.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel	1	Acre	9.00	9.00	
Machinery Repairs	1	Acre	7.00	7.00	
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	12.00	12.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Application	1	Acre	6.50	6.50	
Interest (1/2 year at 7.0%)	0.5	Acre	7.00%	6.87	
Total Variable		Acre		\$ 203.22	
Fixed Machinery Cost	1	Acre	23.00	23.00	
Fixed Buildings & Bins Cost	1	Acre	8.00	8.00	
Fixed Irrigation Cost	0	Acre	66.00	-	
Total (Excluding Land)		Acre		\$ 234.22	
Land Real Estate Taxes	1	Acre	0.25%	3.82	
Land Interest	1528	Acre	4.00%	61.12	
Total Cost		Acre		\$ 299.16	

* Drying & Transportation Costs Change With Yields

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	\$10.03	\$11.58	\$14.83	55	\$3.76	\$4.32	\$5.50
25	\$8.06	\$9.30	\$11.90	60	\$3.46	\$3.97	\$5.06
30	\$6.75	\$7.78	\$9.94	65	\$3.20	\$3.68	\$4.68
35	\$5.81	\$6.69	\$8.55	70	\$2.99	\$3.43	\$4.36
40	\$5.10	\$5.88	\$7.50	75	\$2.80	\$3.21	\$4.08
45	\$4.55	\$5.24	\$6.69	80	\$2.64	\$3.02	\$3.84
50	\$4.12	\$4.74	\$6.03	85	\$2.49	\$2.86	\$3.62

University of Missouri Extension Southeast Missouri Crop Budget

2010 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	47.00	56.40	
Nitrogen	0	Pounds	0.40	-	
Phosphate	40	Pounds	0.40	16.00	
Potash	65	Pounds	0.40	26.00	
Limestone	0.25	Tons	26.00	6.50	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	14.00	14.00	
Insecticide	2	Acre	6.00	12.00	
Burn Down Herbicides	1	Acre	5.00	5.00	
Pre-Emerge	0	Acre	0.00	-	
Post-Emerge	1	Acre	25.00	25.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel	1	Acre	9.00	9.00	
Machinery Repairs	1	Acre	7.00	7.00	
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	12.00	12.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Application	1	Acre	6.50	6.50	
Interest (1/2 year at 7.0%)	0.5	Acre	7.00%	8.51	
Total Variable		Acre		\$ 251.56	
Fixed Machinery Cost	1	Acre	23.00	23.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	1	Acre	66.00	66.00	
Total (Excluding Land)		Acre		\$ 350.56	
Land Real Estate Taxes	1	Acre	0.25%	3.82	
Land Interest	1528	Acre	4.00%	61.12	
Total Cost		Acre		\$ 415.50	

* Drying & Transportation Costs Change With Yields

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	\$12.37	\$17.32	\$20.56	55	\$4.60	\$6.40	\$7.59
25	\$9.93	\$13.89	\$16.48	60	\$4.24	\$5.89	\$6.97
30	\$8.30	\$11.60	\$13.76	65	\$3.92	\$5.45	\$6.44
35	\$7.14	\$9.97	\$11.82	70	\$3.65	\$5.07	\$6.00
40	\$6.27	\$8.74	\$10.37	75	\$3.42	\$4.74	\$5.61
45	\$5.59	\$7.79	\$9.23	80	\$3.22	\$4.46	\$5.27
50	\$5.05	\$7.03	\$8.33	85	\$3.04	\$4.20	\$4.97

University of Missouri Extension Southeast Missouri Crop Budget

2010 No-Till Double Crop Conventional Soybean

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	0.40	-	
Phosphate	30	Pounds	0.40	12.00	
Potash	50	Pounds	0.40	20.00	
Limestone	0.25	Tons	26.00	6.50	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	14.00	14.00	
Insecticide	2	Acre	6.00	12.00	
Burn Down Herbicides	1	Acre	5.00	5.00	
Pre-Emerge	1	Acre	15.00	15.00	
Post-Emerge	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	9.00	9.00	
Machinery Repairs	1	Acre	7.00	7.00	
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	12.00	12.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Application	1	Acre	6.50	6.50	
Interest (1/2 year at 7.0%)	0.5	Acre	7.00%	6.56	
Total Variable		Acre		\$ 194.11	
Fixed Machinery Cost	1	Acre	23.00	23.00	
Fixed Buildings & Bins Cost	1	Acre	8.00	8.00	
Fixed Irrigation Cost	0	Acre	66.00	-	
Total (Excluding Land)		Acre		\$ 225.11	
Land Real Estate Taxes	1	Acre	0.25%	3.82	
Land Interest	1528	Acre	4.00%	61.12	
Total Cost		Acre		\$ 290.05	

* Drying & Transportation Costs Change With Yields

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	\$9.58	\$11.13	\$14.38	55	\$3.59	\$4.15	\$5.34
25	\$7.70	\$8.94	\$11.53	60	\$3.31	\$3.82	\$4.91
30	\$6.44	\$7.48	\$9.64	65	\$3.06	\$3.54	\$4.54
35	\$5.55	\$6.43	\$8.29	70	\$2.86	\$3.30	\$4.23
40	\$4.87	\$5.65	\$7.27	75	\$2.68	\$3.09	\$3.96
45	\$4.35	\$5.04	\$6.48	80	\$2.52	\$2.91	\$3.72
50	\$3.93	\$4.55	\$5.85	85	\$2.38	\$2.75	\$3.51

University of Missouri Extension Southeast Missouri Crop Budget

2010 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	23.00	27.60	
Nitrogen	0	Pounds	0.40	-	
Phosphate	40	Pounds	0.40	16.00	
Potash	65	Pounds	0.40	26.00	
Limestone	0.25	Tons	26.00	6.50	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	14.00	14.00	
Insecticide	2	Acre	6.00	12.00	
Burn Down Herbicides	1	Acre	5.00	5.00	
Pre-Emerge	1	Acre	15.00	15.00	
Post-Emerge	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	9.00	9.00	
Machinery Repairs	1	Acre	7.00	7.00	
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	12.00	12.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Application	1	Acre	6.50	6.50	
Interest (1/2 year at 7.0%)	0.5	Acre	7.00%	8.20	
Total Variable		Acre		\$ 242.45	
Fixed Machinery Cost	1	Acre	23.00	23.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	1	Acre	66.00	66.00	
Total (Excluding Land)		Acre		\$ 341.45	
Land Real Estate Taxes	1	Acre	0.25%	3.82	
Land Interest	1528	Acre	4.00%	61.12	
Total Cost		Acre		\$ 406.39	

* Drying & Transportation Costs Change With Yields

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	\$11.91	\$16.86	\$20.11	55	\$4.44	\$6.24	\$7.42
25	\$9.56	\$13.52	\$16.12	60	\$4.08	\$5.73	\$6.82
30	\$8.00	\$11.30	\$13.46	65	\$3.78	\$5.31	\$6.30
35	\$6.88	\$9.71	\$11.56	70	\$3.52	\$4.94	\$5.87
40	\$6.04	\$8.51	\$10.14	75	\$3.30	\$4.62	\$5.49
45	\$5.39	\$7.59	\$9.03	80	\$3.10	\$4.34	\$5.15
50	\$4.87	\$6.85	\$8.14	85	\$2.93	\$4.10	\$4.86

University of Missouri Extension Southeast Missouri Crop Budget

2010 No-Till Double Cr. Liberty Link Soybean Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.2	Bags	47.00	56.40	
Nitrogen	0	Pounds	0.40	-	
Phosphate	30	Pounds	0.40	12.00	
Potash	50	Pounds	0.40	20.00	
Limestone	0.25	Tons	26.00	6.50	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	14.00	14.00	
Insecticide	2	Acre	6.00	12.00	
Burn Down Herbicides	1	Quarts	5.00	5.00	
Pre-Emerge	0	Acre	15.00	-	
Post-Emerge - Ignite	44	Ounces	0.50	22.00	
Drying Fuel & Electricity*	0	Bushels	0.06	-	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel	1	Acre	9.00	9.00	
Machinery Repairs	1	Acre	7.00	7.00	
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	12.00	12.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Application	1	Acre	6.50	6.50	
Interest (1/2 year at 7.0%)	0.5	Acre	7.00%	6.77	
Total Variable		Acre		\$ 200.12	
Fixed Machinery Cost	1	Acre	23.00	23.00	
Fixed Buildings & Bins Cost	1	Acre	8.00	8.00	
Fixed Irrigation Cost	0	Acre	66.00	-	
Total (Excluding Land)		Acre		\$ 231.12	
Land Real Estate Taxes	1	Acre	0.25%	3.82	
Land Interest	1528	Acre	4.00%	61.12	
Total Cost		Acre		\$ 296.06	

* Drying & Transportation Costs Change With Yields

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	\$9.88	\$11.43	\$14.68	55	\$3.70	\$4.26	\$5.44
25	\$7.94	\$9.18	\$11.77	60	\$3.41	\$3.92	\$5.01
30	\$6.64	\$7.68	\$9.84	65	\$3.16	\$3.63	\$4.63
35	\$5.72	\$6.60	\$8.46	70	\$2.94	\$3.39	\$4.31
40	\$5.02	\$5.80	\$7.42	75	\$2.76	\$3.17	\$4.04
45	\$4.48	\$5.17	\$6.62	80	\$2.60	\$2.98	\$3.80
50	\$4.05	\$4.67	\$5.97	85	\$2.45	\$2.82	\$3.58

University of Missouri Extension Southeast Missouri Crop Budget

2010 C. P. Irr. D.C. Liberty Link Soybean Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.2	Bags	47.00	56.40	
Nitrogen	0	Pounds	0.40	-	
Phosphate	40	Pounds	0.40	16.00	
Potash	65	Pounds	0.40	26.00	
Limestone	0.25	Tons	26.00	6.50	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	14.00	14.00	
Insecticide	2	Acre	6.00	12.00	
Burn Down Herbicides	1	Quarts	5.00	5.00	
Pre-Emerge	0	Acre	15.00	-	
Post-Emerge - Ignite	44	Ounces	0.50	22.00	
Drying Fuel & Electricity*	0	Bushels	0.06	-	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel	1	Acre	9.00	9.00	
Machinery Repairs	1	Acre	7.00	7.00	
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	12.00	12.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Application	1	Acre	6.50	6.50	
Interest (1/2 year at 7.0%)	0.5	Acre	7.00%	8.40	
Total Variable		Acre		\$ 248.45	
Fixed Machinery Cost	1	Acre	23.00	23.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	1	Acre	66.00	66.00	
Total (Excluding Land)		Acre		\$ 347.45	
Land Real Estate Taxes	1	Acre	0.25%	3.82	
Land Interest	1528	Acre	4.00%	61.12	
Total Cost		Acre		\$ 412.39	

* Drying & Transportation Costs Change With Yields

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	\$12.21	\$17.16	\$20.41	55	\$4.55	\$6.35	\$7.53
25	\$9.80	\$13.76	\$16.36	60	\$4.18	\$5.83	\$6.92
30	\$8.20	\$11.50	\$13.66	65	\$3.87	\$5.40	\$6.40
35	\$7.05	\$9.88	\$11.73	70	\$3.61	\$5.02	\$5.95
40	\$6.19	\$8.67	\$10.29	75	\$3.38	\$4.70	\$5.57
45	\$5.52	\$7.72	\$9.16	80	\$3.18	\$4.42	\$5.23
50	\$4.99	\$6.97	\$8.26	85	\$3.00	\$4.17	\$4.93

University of Missouri Extension Southeast Missouri Crop Budget

2010 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	95.00	15.20	
Nitrogen	90	Pounds	0.40	36.00	
Phosphate	35	Pounds	0.40	14.00	
Potash	25	Pounds	0.40	10.00	
Limestone	0.25	Tons	26.00	6.50	
Starter Fertilizer	0	Acre	0.00	-	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Burn Down Herbicides	1	Acre	5.00	5.00	
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	0.15	10.50	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel	1	Acre	15.00	15.00	
Machinery Repairs	1	Acre	12.00	12.00	
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	21.00	21.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Application	2	Acre	6.50	13.00	
Interest (1/2 year at 7.0%)	0.5	Acre	7.00%	7.74	
Total Variable		Acre		\$ 228.84	
Fixed Machinery Cost	1	Acre	35.00	35.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	0	Acre	66.00	-	
Total (Excluding Land)		Acre		\$ 273.84	
Land Real Estate Taxes	1	Acre	0.25%	3.82	
Land Interest	1528	Acre	4.00%	61.12	
Total Cost		Acre		\$ 338.78	

* Drying & Transportation Costs Change With Yields

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	\$4.45	\$5.35	\$6.65	120	\$2.04	\$2.42	\$2.96
60	\$3.76	\$4.51	\$5.59	130	\$1.91	\$2.25	\$2.75
70	\$3.27	\$3.91	\$4.84	140	\$1.79	\$2.12	\$2.58
80	\$2.90	\$3.46	\$4.27	150	\$1.70	\$2.00	\$2.43
90	\$2.61	\$3.11	\$3.84	160	\$1.61	\$1.89	\$2.30
100	\$2.38	\$2.83	\$3.48	170	\$1.53	\$1.80	\$2.18
110	\$2.20	\$2.61	\$3.20	180	\$1.47	\$1.72	\$2.08

University of Missouri Extension Southeast Missouri Crop Budget
2010 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	95.00	19.00	
Nitrogen	125	Pounds	0.40	50.00	
Phosphate	55	Pounds	0.40	22.00	
Potash	35	Pounds	0.40	14.00	
Limestone	0.25	Tons	26.00	6.50	
Starter Fertilizer	0	Acre	0.00	-	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Burn Down Herbicides	1	Acre	5.00	5.00	
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*	110	Bushels	0.15	16.50	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel	1	Acre	15.00	15.00	
Machinery Repairs	1	Acre	12.00	12.00	
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	21.00	21.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Application	2	Acre	6.50	13.00	
Interest (1/2 year at 7.0%)	0.5	Acre	7.00%	10.45	
Total Variable		Acre		\$ 309.15	
Fixed Machinery Cost	1	Acre	35.00	35.00	
Fixed Buildings & Bins Cost	1	Acre	12.00	12.00	
Fixed Irrigation Cost	1	Acre	66.00	66.00	
Total (Excluding Land)		Acre		\$ 422.15	
Land Real Estate Taxes	1	Acre	0.25%	3.82	
Land Interest	1528	Acre	4.00%	61.12	
Total Cost		Acre		\$ 487.09	

* Drying & Transportation Costs Change With Yields

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	\$4.23	\$5.85	\$6.78	140	\$2.28	\$3.08	\$3.55
80	\$3.74	\$5.16	\$5.97	150	\$2.15	\$2.90	\$3.33
90	\$3.36	\$4.62	\$5.34	160	\$2.03	\$2.74	\$3.14
100	\$3.06	\$4.19	\$4.84	170	\$1.93	\$2.60	\$2.98
110	\$2.81	\$3.84	\$4.43	180	\$1.84	\$2.47	\$2.83
120	\$2.60	\$3.54	\$4.09	190	\$1.76	\$2.36	\$2.70
130	\$2.43	\$3.30	\$3.80	200	\$1.69	\$2.25	\$2.58

University of Missouri Extension Southeast Missouri Crop Budget

2010 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	0.40	-	
Phosphate	30	Pounds	0.40	12.00	
Potash	50	Pounds	0.40	20.00	
Limestone	0.25	Tons	26.00	6.50	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Pre-Emerge	1	Acre	23.00	23.00	
Post-Emerge	0	Acre	0.00	-	
Insecticide	1	Acre	10.00	10.00	
Desiccation	1	Acre	5.00	5.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Hauling & Transportation*	1200	Pounds	0.003	3.60	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel	1	Acre	17.00	17.00	
Machinery Repairs	1	Acre	11.00	11.00	
Irrigation Fuel (Acre Inches)	0	Acre	2.50	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	24.00	24.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Application	0	Acre	6.50	-	
Interest (1/2 year at 7.0%)	0.5	Acre	7.00%	5.46	
Total Variable		Acre		\$ 161.56	
Fixed Machinery Cost	1	Acre	38.00	38.00	
Fixed Buildings & Bins Cost	1	Acre	5.00	5.00	
Fixed Irrigation Cost	0	Acre	66.00	-	
Total (Excluding Land)		Acre		\$ 204.56	
Land Real Estate Taxes	1	Acre	0.25%	3.82	
Land Interest	1528	Acre	4.00%	61.12	
Total Cost		Acre		\$ 269.50	

* Drying & Transportation Costs Change With Yields

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	\$0.266	\$0.338	\$0.446	1300	\$0.125	\$0.158	\$0.208
700	\$0.229	\$0.290	\$0.383	1400	\$0.116	\$0.147	\$0.193
800	\$0.200	\$0.254	\$0.335	1500	\$0.108	\$0.137	\$0.180
900	\$0.179	\$0.226	\$0.298	1600	\$0.102	\$0.129	\$0.169
1000	\$0.161	\$0.204	\$0.269	1700	\$0.096	\$0.121	\$0.159
1100	\$0.147	\$0.186	\$0.245	1800	\$0.091	\$0.115	\$0.151
1200	\$0.135	\$0.170	\$0.225	1900	\$0.086	\$0.109	\$0.143

University of Missouri Extension Southeast Missouri Crop Budget

2010 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	0.40	-	
Phosphate	40	Pounds	0.40	16.00	
Potash	65	Pounds	0.40	26.00	
Limestone	0.25	Tons	26.00	6.50	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Pre-Emerge	1	Acre	23.00	23.00	
Post-Emerge	0	Acre	0.00	-	
Insecticide	1	Acre	10.00	10.00	
Desiccation	1	Acre	5.00	5.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Hauling & Transportation*	1600	Pounds	0.003	4.80	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel	1	Acre	17.00	17.00	
Machinery Repairs	1	Acre	11.00	11.00	
Irrigation Fuel (Acre Inches)	8	Acre	2.50	20.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	24.00	24.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Application	0	Acre	6.50	-	
Interest (1/2 year at 7.0%)	0.5	Acre	7.00%	7.08	
Total Variable		Acre		\$ 209.38	
Fixed Machinery Cost	1	Acre	38.00	38.00	
Fixed Buildings & Bins Cost	1	Acre	5.00	5.00	
Fixed Irrigation Cost	1	Acre	66.00	66.00	
Total (Excluding Land)		Acre		\$ 318.38	
Land Real Estate Taxes	1	Acre	0.25%	3.82	
Land Interest	1528	Acre	4.00%	61.12	
Total Cost		Acre		\$ 383.32	

* Drying & Transportation Costs Change With Yields

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	\$0.208	\$0.317	\$0.382	1700	\$0.123	\$0.187	\$0.226
1100	\$0.189	\$0.288	\$0.347	1800	\$0.117	\$0.177	\$0.213
1200	\$0.173	\$0.264	\$0.318	1900	\$0.111	\$0.168	\$0.202
1300	\$0.160	\$0.244	\$0.294	2000	\$0.105	\$0.160	\$0.192
1400	\$0.149	\$0.227	\$0.273	2100	\$0.100	\$0.152	\$0.183
1500	\$0.139	\$0.212	\$0.255	2200	\$0.096	\$0.146	\$0.175
1600	\$0.131	\$0.199	\$0.240	2300	\$0.092	\$0.139	\$0.168

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

Crop 1 - Select Crop Below

Non-GMO Corn

Liberty Link Soybeans
Irr. Liberty Link Soybeans
Roundup Ready Soybeans
Irr. Roundup Ready Soybeans

Irr = Irrigation

RR = Roundup Ready

DC = Double Crop

Corn

LL = Liberty Link; Conv= Conventional

Price	Yield
\$4.55	150
▲	▲
▼	▼

Select Price and Yield

For both crops

Crop 2 - Select Crop Below

Roundup Ready Soybeans

Irrigated Grain Sorghum
Wheat (Single Crop)
Wheat (Double Crop)
Popcorn

Irr No Till Convent. Soybeans
No Till LL Soybeans
Irrigated No Till LL Soybeans
No Till Grain Sorghum

Soybeans

Price	Yield
\$9.93	50
▲	▲
▼	▼

Price	Yield
\$0.00	0
▲	▲
▼	▼

Variable
Costs

Total
Cost

Crop 1 - Select Crop Below

Non-GMO Corn

Crop 2 - Select Crop Below

Roundup Ready Soybeans

\$ 215.12 \$385.00

Non-GMO Corn versus Roundup Ready Soybeans Equal returns Based on Variable Production Costs						
Non-GMO Corn yields with the same net income as					\$9.93	Soybeans
Soybeans Yields	Corn		Prices			
	\$4.35	\$4.45	\$4.55	\$4.65	\$4.75	\$4.85
Corn Yields						
40	123	121	118	115	113	111
45	135	132	129	126	123	121
50	146	143	140	137	134	131
55	158	154	151	147	144	141
60	169	165	162	158	155	152
Non-GMO Corn versus Roundup Ready Soybeans Equal returns Based on Variable Production Costs						
RR Soybeans yields with the same net income as					\$4.55	Corn
Corn Yields	Soybeans		Prices			
	\$9.43	\$9.68	\$9.93	\$10.18	\$10.43	\$10.68
Soybeans Yields						
130	48	47	46	45	44	43
140	53	52	51	49	48	47
150	58	57	55	54	52	51
160	63	61	60	58	57	56
170	68	66	64	63	61	60

Crop Decision Aid - Net Returns between two Crops based on changes in Yield and Price

Crop 1 - Select Crop Below

Non-GMO Corn

Non-GMO Corn

Irrigated Non-GMO Corn

GMO Corn

Irrigated GMO Corn

Irr = Irrigation

RR = Roundup Ready

DC = Double Crop

LL = Liberty Link; Conv= Conventional

Corn

Price Yield

\$4.55 150

▲

▼

Select Price and Yield

For both crops

Crop 2 - Select Crop Below

Roundup Ready Soybeans

Liberty Link Soybeans

Irr. Liberty Link Soybeans

Roundup Ready Soybeans

Irr. Roundup Ready Soybeans

No Till LL Soybeans

Irrigated No Till LL Soybeans

No Till Grain Sorghum

Irr. No Till Grain Sorghum

Soybeans

Price Yield

\$9.93 50

▲

▼

Price Yield

\$0.00 0

▲

▼

Crop 1 - Select Crop Below

Non-GMO Corn

Crop 2 - Select Crop Below

Roundup Ready Soybeans

Variable	Total
Costs	Cost
\$ 350.14	\$ 532.02
\$ 215.12	\$ 385.00

Non-GMO Corn versus Roundup Ready Soybeans Net Returns Based on Variable Production Costs						
Non-GMO Corn at		150	Bu/Ac	and	\$9.93	Soybeans
Soybeans Yields	Corn		Prices			
	\$4.35	\$4.45	\$4.55	\$4.65	\$4.75	\$4.85
Corn Net Returns						
40	\$116	\$131	\$146	\$161	\$176	\$191
45	\$67	\$82	\$97	\$112	\$127	\$142
50	\$17	\$32	\$47	\$62	\$77	\$92
55	(\$33)	(\$18)	(\$3)	\$12	\$27	\$42
60	(\$82)	(\$67)	(\$52)	(\$37)	(\$22)	(\$7)

Roundup Ready Soybeans versus Non-GMO Corn Net Returns Based on Variable Production Costs						
Roundup Ready Soybeans		50	Bu/Ac	and	\$4.55	Corn
Corn Yields	Soybeans		Prices			
	\$9.43	\$9.68	\$9.93	\$10.18	\$10.43	\$10.68
Soybeans Net Returns						
130	19	32	44	57	69	82
140	(27)	(14)	(1)	11	24	36
150	(72)	(59)	(47)	(34)	(22)	(9)
160	(118)	(105)	(92)	(80)	(67)	(55)
170	(163)	(150)	(138)	(125)	(113)	(100)