

University of Missouri Extension Southeast Missouri Crop Budgets 2012

This spreadsheet provides an estimate of the production costs and returns for the major row crops grown in Southeast Missouri for 2011. 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

Corn Non-GMO	Corn Non-GMO Irrigated	GMO Corn	GMO Corn Irrigated
Liberty Link Soybeans	Liberty Link Soybeans Irrigated	Roundup Ready Soybeans	Roundup Ready Soybeans Irrigated
Conventional Soybeans	Conventional Soybeans Irrigated	Grain Sorghum	Grain Sorghum Irrigated
Wheat	Popcorn	GMO Cotton	GMO Cotton Irrigated
Rice - Conventional	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 Liberty Link Soybeans	Irrigated No Till Double Crop Liberty Link 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 - Breakeven Analysis	Crop Decision Aid - Net Returns

University of Missouri Extension Southeast Missouri Crop Budget

2012 Non-GMO Corn Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.3	Bags	190.00	57.00	
Nitrogen	150	Pounds	0.65	97.50	
Phosphate	60	Pounds	0.75	45.00	
Potash	50	Pounds	0.55	27.50	
Limestone	0.5	Tons	28.00	14.00	
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	14.00	14.00	
Fungicide	1	Acre	17.00	17.00	
Insecticide	1	Acre	6.00	6.00	
Drying Fuel & Electricity*	140	Bushels	0.22	30.80	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	25.00	25.00	
Machinery Repairs	1	Acre	15.00	15.00	
Hauling & Transportation*	140	Bushels	0.17	23.80	
Irrigation Fuel (Acre Inches)	0	Acre	3.00	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	35.00	35.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Application	1	Acre	6.50	6.50	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	13.41	
Total Variable		Acre		\$ 460.51	
Fixed Machinery Cost	1	Acre	44.00	44.00	
Fixed Buildings & Bins Cost	1	Acre	12.00	12.00	
Fixed Irrigation Cost	0	Acre	72.00	-	
Total (Excluding Land)		Acre		\$ 516.51	
Land Real Estate Taxes	1	Acre	0.25%	8.05	
Land Interest	3220	Acre	4.00%	128.80	
Total Cost		Acre		\$ 653.36	

* 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	\$4.45	\$5.01	\$6.38	170	\$2.78	\$3.11	\$3.91
110	\$4.08	\$4.59	\$5.83	180	\$2.65	\$2.96	\$3.72
120	\$3.77	\$4.24	\$5.38	190	\$2.53	\$2.82	\$3.54
130	\$3.51	\$3.94	\$5.00	200	\$2.42	\$2.70	\$3.38
140	\$3.29	\$3.69	\$4.67	210	\$2.32	\$2.59	\$3.24
150	\$3.10	\$3.47	\$4.38	220	\$2.24	\$2.49	\$3.11
160	\$2.93	\$3.28	\$4.13	230	\$2.15	\$2.40	\$2.99

**University of Missouri Extension Southeast Missouri Crop Budget
2012 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	190.00	76.00	
Nitrogen	210	Pounds	0.65	136.50	
Phosphate	80	Pounds	0.75	60.00	
Potash	60	Pounds	0.55	33.00	
Limestone	0.5	Tons	28.00	14.00	
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	14.00	14.00	
Fungicide	1	Acre	17.00	17.00	
Insecticide	1	Acre	6.00	6.00	
Drying Fuel & Electricity*	180	Bushels	0.22	39.60	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	25.00	25.00	
Machinery Repairs	1	Acre	15.00	15.00	
Hauling & Transportation*	180	Bushels	0.17	30.60	
Irrigation Fuel (Acre Inches)	12	Acre	3.00	36.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	35.00	35.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Application	1	Acre	6.50	6.50	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	17.77	
Total Variable		Acre		\$ 609.97	
Fixed Machinery Cost	1	Acre	44.00	44.00	
Fixed Buildings & Bins Cost	1	Acre	15.00	15.00	
Fixed Irrigation Cost	1	Acre	72.00	72.00	
Total (Excluding Land)		Acre		\$ 740.97	
Land Real Estate Taxes	1	Acre	0.25%	8.05	
Land Interest	3220	Acre	4.00%	128.80	
Total Cost		Acre		\$ 877.82	

* 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	\$4.25	\$5.18	\$6.16	210	\$2.96	\$3.58	\$4.24
150	\$3.99	\$4.86	\$5.77	220	\$2.84	\$3.44	\$4.06
160	\$3.76	\$4.58	\$5.44	230	\$2.74	\$3.31	\$3.90
170	\$3.57	\$4.34	\$5.14	240	\$2.64	\$3.18	\$3.76
180	\$3.39	\$4.12	\$4.88	250	\$2.55	\$3.07	\$3.62
190	\$3.23	\$3.92	\$4.64	260	\$2.47	\$2.97	\$3.50
200	\$3.09	\$3.74	\$4.43	270	\$2.39	\$2.87	\$3.38

**University of Missouri Extension Southeast Missouri Crop Budget
2012 GMO Corn Budget**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.3	Bags	260.00	78.00	
Nitrogen	150	Pounds	0.65	97.50	
Phosphate	60	Pounds	0.75	45.00	
Potash	50	Pounds	0.55	27.50	
Limestone	0.5	Tons	28.00	14.00	
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	12.00	12.00	
Fungicide	1	Acre	17.00	17.00	
Insecticide	1	Acre	6.00	6.00	
Drying Fuel & Electricity*	140	Bushels	0.22	30.80	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	25.00	25.00	
Machinery Repairs	1	Acre	15.00	15.00	
Hauling & Transportation*	140	Bushels	0.17	23.80	
Irrigation Fuel (Acre Inches)	0	Acre	3.00	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	35.00	35.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Application	1	Acre	6.50	6.50	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	13.65	
Total Variable		Acre		\$ 468.75	
Fixed Machinery Cost	1	Acre	44.00	44.00	
Fixed Buildings & Bins Cost	1	Acre	12.00	12.00	
Fixed Irrigation Cost	0	Acre	72.00	-	
Total (Excluding Land)		Acre		\$ 524.75	
Land Real Estate Taxes	1	Acre	0.25%	8.05	
Land Interest	3220	Acre	4.00%	128.80	
Total Cost		Acre		\$ 661.60	

* 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
100	\$4.53	\$5.09	\$6.46	170	\$2.83	\$3.16	\$3.96
110	\$4.16	\$4.66	\$5.91	180	\$2.69	\$3.00	\$3.76
120	\$3.84	\$4.31	\$5.45	190	\$2.57	\$2.86	\$3.58
130	\$3.58	\$4.01	\$5.06	200	\$2.46	\$2.74	\$3.43
140	\$3.35	\$3.75	\$4.73	210	\$2.36	\$2.63	\$3.28
150	\$3.15	\$3.52	\$4.44	220	\$2.27	\$2.53	\$3.15
160	\$2.98	\$3.33	\$4.18	230	\$2.19	\$2.43	\$3.03

University of Missouri Extension Southeast Missouri Crop Budget 2012 Center Pivot Irrigated GMO Corn Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.4	Bags	260.00	104.00	
Nitrogen	210	Pounds	0.65	136.50	
Phosphate	80	Pounds	0.75	60.00	
Potash	60	Pounds	0.55	33.00	
Limestone	0.5	Tons	28.00	14.00	
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	12.00	12.00	
Fungicide	1	Acre	17.00	17.00	
Insecticide	1	Acre	6.00	6.00	
Drying Fuel & Electricity*	180	Bushels	0.22	39.60	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	25.00	25.00	
Machinery Repairs	1	Acre	15.00	15.00	
Hauling & Transportation*	180	Bushels	0.17	30.60	
Irrigation Fuel (Acre Inches)	12	Acre	3.00	36.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	35.00	35.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Application	1	Acre	6.50	6.50	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	18.22	
Total Variable		Acre		\$ 625.42	
Fixed Machinery Cost	1	Acre	44.00	44.00	
Fixed Buildings & Bins Cost	1	Acre	15.00	15.00	
Fixed Irrigation Cost	1	Acre	72.00	72.00	
Total (Excluding Land)		Acre		\$ 756.42	
Land Real Estate Taxes	1	Acre	0.25%	8.05	
Land Interest	3220	Acre	4.00%	128.80	
Total Cost		Acre		\$ 893.27	

* 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	\$4.36	\$5.29	\$6.27	210	\$3.03	\$3.66	\$4.31
150	\$4.09	\$4.96	\$5.88	220	\$2.91	\$3.51	\$4.13
160	\$3.86	\$4.68	\$5.53	230	\$2.80	\$3.37	\$3.97
170	\$3.66	\$4.43	\$5.23	240	\$2.70	\$3.25	\$3.82
180	\$3.47	\$4.20	\$4.96	250	\$2.61	\$3.13	\$3.68
190	\$3.31	\$4.00	\$4.72	260	\$2.53	\$3.03	\$3.56
200	\$3.17	\$3.82	\$4.51	270	\$2.45	\$2.93	\$3.44

University of Missouri Extension Southeast Missouri Crop Budget

2012 Liberty Link Soybean Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.1	Bags	50.00	55.00	
Nitrogen	0	Pounds	0.65	-	
Phosphate	40	Pounds	0.75	30.00	
Potash	60	Pounds	0.55	33.00	
Limestone	0.5	Tons	28.00	14.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	17.00	17.00	
Insecticide	1	Acre	6.00	6.00	
Burn Down Herbicides	0	Quarts	0.00	-	
Pre-Emerge	1	Acre	20.00	20.00	
Post-Emerge - Ignite	66	Ounces	0.48	31.68	
Drying Fuel & Electricity*	0	Bushels	0.07	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	15.00	15.00	
Machinery Repairs	1	Acre	9.00	9.00	
Hauling & Transportation*	45	Bushels	0.17	7.65	
Irrigation Fuel (Acre Inches)	0	Acre	3.00	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	20.00	20.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Application	1	Acre	6.50	6.50	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	8.24	
Total Variable		Acre		\$ 283.07	
Fixed Machinery Cost	1	Acre	31.00	31.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	0	Acre	72.00	-	
Total (Excluding Land)		Acre		\$ 324.07	
Land Real Estate Taxes	1	Acre	0.25%	8.05	
Land Interest	3220	Acre	4.00%	128.80	
Total Cost		Acre		\$ 460.92	

* 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	\$13.94	\$15.99	\$22.83	55	\$5.18	\$5.92	\$8.41
25	\$11.19	\$12.83	\$18.30	60	\$4.76	\$5.44	\$7.72
30	\$9.35	\$10.72	\$15.28	65	\$4.41	\$5.04	\$7.14
35	\$8.04	\$9.21	\$13.12	70	\$4.10	\$4.69	\$6.65
40	\$7.06	\$8.08	\$11.50	75	\$3.84	\$4.39	\$6.21
45	\$6.29	\$7.20	\$10.24	80	\$3.61	\$4.13	\$5.84
50	\$5.68	\$6.50	\$9.24	85	\$3.41	\$3.89	\$5.50

University of Missouri Extension Southeast Missouri Crop Budget

2012 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	50.00	60.00	
Nitrogen	0	Pounds	0.65	-	
Phosphate	40	Pounds	0.75	30.00	
Potash	70	Pounds	0.55	38.50	
Limestone	0.5	Tons	28.00	14.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	17.00	17.00	
Insecticide	1	Acre	6.00	6.00	
Burn Down Herbicides	0	Quarts	0.00	-	
Pre-Emerge	1	Acre	20.00	20.00	
Post-Emerge - Ignite	66	Ounces	0.48	31.68	
Drying Fuel & Electricity*	0	Bushels	0.07	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	15.00	15.00	
Machinery Repairs	1	Acre	9.00	9.00	
Hauling & Transportation*	50	Bushels	0.17	8.50	
Irrigation Fuel (Acre Inches)	8	Acre	3.00	24.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	20.00	20.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Application	1	Acre	6.50	6.50	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	9.76	
Total Variable		Acre		\$ 334.94	
Fixed Machinery Cost	1	Acre	31.00	31.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	1	Acre	72.00	72.00	
Total (Excluding Land)		Acre		\$ 447.94	
Land Real Estate Taxes	1	Acre	0.25%	8.05	
Land Interest	3220	Acre	4.00%	128.80	
Total Cost		Acre		\$ 584.79	

* 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
20	\$16.49	\$22.14	\$28.98	55	\$6.11	\$8.16	\$10.65
25	\$13.23	\$17.75	\$23.22	60	\$5.61	\$7.49	\$9.77
30	\$11.05	\$14.82	\$19.38	65	\$5.19	\$6.93	\$9.04
35	\$9.50	\$12.73	\$16.64	70	\$4.83	\$6.45	\$8.40
40	\$8.33	\$11.16	\$14.58	75	\$4.52	\$6.03	\$7.85
45	\$7.42	\$9.94	\$12.98	80	\$4.25	\$5.66	\$7.37
50	\$6.70	\$8.96	\$11.70	85	\$4.01	\$5.34	\$6.95

University of Missouri Extension Southeast Missouri Crop Budget 2012 Roundup Ready Soybean Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.1	Bags	55.00	60.50	
Nitrogen	0	Pounds	0.65	-	
Phosphate	40	Pounds	0.75	30.00	
Potash	60	Pounds	0.55	33.00	
Limestone	0.5	Tons	28.00	14.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	17.00	17.00	
Insecticide	1	Acre	6.00	6.00	
Burn Down Herbicides	0	Quarts	0.00	-	
Pre-Emerge	1	Acre	20.00	20.00	
Post-Emerge	1	Acre	25.00	25.00	
Drying Fuel & Electricity*	0	Bushels	0.07	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	15.00	15.00	
Machinery Repairs	1	Acre	9.00	9.00	
Hauling & Transportation*	45	Bushels	0.17	7.65	
Irrigation Fuel (Acre Inches)	0	Acre	3.00	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	20.00	20.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Application	1	Acre	6.50	6.50	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	8.21	
Total Variable		Acre		\$ 281.86	
Fixed Machinery Cost	1	Acre	31.00	31.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	0	Acre	72.00	-	
Total (Excluding Land)		Acre		\$ 322.86	
Land Real Estate Taxes	1	Acre	0.25%	8.05	
Land Interest	3220	Acre	4.00%	128.80	
Total Cost		Acre		\$ 459.71	

* 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	\$13.88	\$15.93	\$22.77	55	\$5.16	\$5.90	\$8.39
25	\$11.14	\$12.78	\$18.25	60	\$4.74	\$5.42	\$7.70
30	\$9.31	\$10.68	\$15.24	65	\$4.39	\$5.02	\$7.12
35	\$8.00	\$9.18	\$13.09	70	\$4.09	\$4.67	\$6.63
40	\$7.03	\$8.05	\$11.47	75	\$3.83	\$4.37	\$6.20
45	\$6.26	\$7.17	\$10.22	80	\$3.60	\$4.11	\$5.82
50	\$5.65	\$6.47	\$9.21	85	\$3.40	\$3.88	\$5.49

University of Missouri Extension Southeast Missouri Crop Budget 2012 Center Pivot Irr. Roundup Ready Soybeans

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.2	Bags	55.00	66.00	
Nitrogen	0	Pounds	0.65	-	
Phosphate	40	Pounds	0.75	30.00	
Potash	70	Pounds	0.55	38.50	
Limestone	0.5	Tons	28.00	14.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	17.00	17.00	
Insecticide	1	Acre	6.00	6.00	
Burn Down Herbicides	0	Quarts	0.00	-	
Pre-Emerge	1	Acre	20.00	20.00	
Post-Emerge	1	Acre	25.00	25.00	
Drying Fuel & Electricity*	0	Bushels	0.07	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	15.00	15.00	
Machinery Repairs	1	Acre	9.00	9.00	
Hauling & Transportation*	50	Bushels	0.17	8.50	
Irrigation Fuel (Acre Inches)	8	Acre	3.00	24.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	20.00	20.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Application	1	Acre	6.50	6.50	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	9.74	
Total Variable		Acre		\$ 334.24	
Fixed Machinery Cost	1	Acre	31.00	31.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	1	Acre	72.00	72.00	
Total (Excluding Land)		Acre		\$ 447.24	
Land Real Estate Taxes	1	Acre	0.25%	8.05	
Land Interest	3220	Acre	4.00%	128.80	
Total Cost		Acre		\$ 584.09	

* 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
30	\$11.03	\$14.79	\$19.36	65	\$5.18	\$6.92	\$9.03
35	\$9.48	\$12.71	\$16.62	70	\$4.82	\$6.44	\$8.39
40	\$8.31	\$11.14	\$14.56	75	\$4.51	\$6.02	\$7.84
45	\$7.41	\$9.92	\$12.96	80	\$4.24	\$5.65	\$7.36
50	\$6.68	\$8.94	\$11.68	85	\$4.00	\$5.33	\$6.94
55	\$6.09	\$8.15	\$10.64	90	\$3.79	\$5.04	\$6.57
60	\$5.60	\$7.48	\$9.76	95	\$3.60	\$4.79	\$6.23

University of Missouri Extension Southeast Missouri Crop Budget

2012 Conventional Soybean Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.1	Bags	24.00	26.40	
Nitrogen	0	Pounds	0.65	-	
Phosphate	40	Pounds	0.75	30.00	
Potash	60	Pounds	0.55	33.00	
Limestone	0.5	Tons	28.00	14.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	17.00	17.00	
Insecticide	1	Acre	6.00	6.00	
Burn Down Herbicides	0	Quarts	0.00	-	
Pre-Emerge	1	Acre	20.00	20.00	
Post-Emerge	1	Acre	30.00	30.00	
Drying Fuel & Electricity*	0	Bushels	0.07	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	15.00	15.00	
Machinery Repairs	1	Acre	9.00	9.00	
Hauling & Transportation*	45	Bushels	0.17	7.65	
Irrigation Fuel (Acre Inches)	0	Acre	3.00	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	20.00	20.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Application	1	Acre	6.50	6.50	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	7.34	
Total Variable		Acre		\$ 251.89	
Fixed Machinery Cost	1	Acre	31.00	31.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	0	Acre	72.00	-	
Total (Excluding Land)		Acre		\$ 292.89	
Land Real Estate Taxes	1	Acre	0.25%	8.05	
Land Interest	3220	Acre	4.00%	128.80	
Total Cost		Acre		\$ 429.74	

* 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	\$12.38	\$14.43	\$21.27	55	\$4.61	\$5.36	\$7.84
25	\$9.94	\$11.58	\$17.05	60	\$4.24	\$4.92	\$7.20
30	\$8.31	\$9.68	\$14.24	65	\$3.93	\$4.56	\$6.66
35	\$7.15	\$8.32	\$12.23	70	\$3.66	\$4.24	\$6.20
40	\$6.28	\$7.30	\$10.72	75	\$3.43	\$3.97	\$5.80
45	\$5.60	\$6.51	\$9.55	80	\$3.22	\$3.74	\$5.45
50	\$5.05	\$5.87	\$8.61	85	\$3.04	\$3.53	\$5.14

University of Missouri Extension Southeast Missouri Crop Budget

2012 Center Pivot Irr. Conventional Soybean Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.2	Bags	24.00	28.80	
Nitrogen	0	Pounds	0.65	-	
Phosphate	40	Pounds	0.75	30.00	
Potash	70	Pounds	0.55	38.50	
Limestone	0.5	Tons	28.00	14.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	17.00	17.00	
Insecticide	1	Acre	6.00	6.00	
Burn Down Herbicides	0	Quarts	0.00	-	
Pre-Emerge	1	Acre	20.00	20.00	
Post-Emerge	1	Acre	30.00	30.00	
Drying Fuel & Electricity*	0	Bushels	0.07	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	15.00	15.00	
Machinery Repairs	1	Acre	9.00	9.00	
Hauling & Transportation*	50	Bushels	0.17	8.50	
Irrigation Fuel (Acre Inches)	8	Acre	3.00	24.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	20.00	20.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Application	1	Acre	6.50	6.50	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	8.77	
Total Variable		Acre		\$ 301.07	
Fixed Machinery Cost	1	Acre	31.00	31.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	1	Acre	72.00	72.00	
Total (Excluding Land)		Acre		\$ 414.07	
Land Real Estate Taxes	1	Acre	0.25%	8.05	
Land Interest	3220	Acre	4.00%	128.80	
Total Cost		Acre		\$ 550.92	

* 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	\$14.80	\$20.45	\$27.29	55	\$5.49	\$7.54	\$10.03
25	\$11.87	\$16.39	\$21.87	60	\$5.05	\$6.93	\$9.21
30	\$9.92	\$13.69	\$18.25	65	\$4.67	\$6.41	\$8.51
35	\$8.53	\$11.76	\$15.67	70	\$4.35	\$5.96	\$7.92
40	\$7.48	\$10.31	\$13.73	75	\$4.07	\$5.58	\$7.40
45	\$6.67	\$9.18	\$12.22	80	\$3.83	\$5.24	\$6.95
50	\$6.02	\$8.28	\$11.02	85	\$3.61	\$4.94	\$6.55

**University of Missouri Extension Southeast Missouri Crop Budget
2012 Grain Sorghum Budget**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.16	Bags	98.00	15.68	
Nitrogen	125	Pounds	0.65	81.25	
Phosphate	50	Pounds	0.75	37.50	
Potash	30	Pounds	0.55	16.50	
Limestone	0.5	Tons	28.00	14.00	
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	0.22	24.20	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	26.00	26.00	
Machinery Repairs	1	Acre	13.00	13.00	
Hauling & Transportation*	110	Bushels	0.17	18.70	
Irrigation Fuel (Acre Inches)	0	Acre	3.00	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	36.00	36.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Application	1	Acre	6.50	6.50	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	10.09	
Total Variable		Acre		\$ 346.42	
Fixed Machinery Cost	1	Acre	42.00	42.00	
Fixed Buildings & Bins Cost	1	Acre	14.00	14.00	
Fixed Irrigation Cost	0	Acre	72.00	-	
Total (Excluding Land)		Acre		\$ 402.42	
Land Real Estate Taxes	1	Acre	0.25%	8.05	
Land Interest	3220	Acre	4.00%	128.80	
Total Cost		Acre		\$ 539.27	

* 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	\$4.73	\$5.53	\$7.48	140	\$2.56	\$2.96	\$3.94
80	\$4.18	\$4.88	\$6.59	150	\$2.41	\$2.79	\$3.70
90	\$3.76	\$4.38	\$5.91	160	\$2.29	\$2.64	\$3.49
100	\$3.43	\$3.99	\$5.35	170	\$2.18	\$2.50	\$3.31
110	\$3.15	\$3.66	\$4.90	180	\$2.08	\$2.39	\$3.15
120	\$2.92	\$3.39	\$4.53	190	\$1.99	\$2.28	\$3.00
130	\$2.72	\$3.16	\$4.21	200	\$1.91	\$2.19	\$2.87

University of Missouri Extension Southeast Missouri Crop Budget 2012 Center Pivot Irrigated Grain Sorghum Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.2	Bags	98.00	19.60	
Nitrogen	150	Pounds	0.65	97.50	
Phosphate	55	Pounds	0.75	41.25	
Potash	35	Pounds	0.55	19.25	
Limestone	0.5	Tons	28.00	14.00	
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	0.22	28.60	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	26.00	26.00	
Machinery Repairs	1	Acre	13.00	13.00	
Hauling & Transportation*	130	Bushels	0.17	22.10	
Irrigation Fuel (Acre Inches)	10	Acre	3.00	30.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	36.00	36.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Application	1	Acre	6.50	6.50	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	12.47	
Total Variable		Acre		\$ 428.27	
Fixed Machinery Cost	1	Acre	42.00	42.00	
Fixed Buildings & Bins Cost	1	Acre	16.00	16.00	
Fixed Irrigation Cost	1	Acre	72.00	72.00	
Total (Excluding Land)		Acre		\$ 558.27	
Land Real Estate Taxes	1	Acre	0.25%	8.05	
Land Interest	3220	Acre	4.00%	128.80	
Total Cost		Acre		\$ 695.12	

* 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	\$4.17	\$5.47	\$6.83	170	\$2.61	\$3.38	\$4.18
110	\$3.82	\$5.00	\$6.25	180	\$2.49	\$3.21	\$3.97
120	\$3.54	\$4.62	\$5.76	190	\$2.38	\$3.06	\$3.78
130	\$3.29	\$4.29	\$5.35	200	\$2.28	\$2.93	\$3.61
140	\$3.09	\$4.02	\$4.99	210	\$2.19	\$2.81	\$3.46
150	\$2.91	\$3.77	\$4.69	220	\$2.11	\$2.70	\$3.32
160	\$2.75	\$3.56	\$4.42	230	\$2.03	\$2.60	\$3.19

**University of Missouri Extension Southeast Missouri Crop Budget
2012 Wheat Budget**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	2.25	Bags	18.00	40.50	
Nitrogen	105	Pounds	0.65	68.25	
Phosphate	40	Pounds	0.75	30.00	
Potash	20	Pounds	0.55	11.00	
Limestone	0.25	Tons	28.00	7.00	
Starter Fertilizer	0	Acre	0.00	-	
Zinc	0	Pounds	0.00	-	
Sulfur	12	Pounds	0.35	4.20	
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	17.00	17.00	
Insecticide	2	Acre	6.00	12.00	
Drying Fuel & Electricity*	0	Bushels	0.07	-	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel	1	Acre	14.00	14.00	
Machinery Repairs	1	Acre	7.00	7.00	
Hauling & Transportation*	70	Bushels	0.17	11.90	
Irrigation Fuel (Acre Inches)	0	Acre	3.00	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	19.00	19.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Application	1	Acre	6.50	6.50	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	8.38	
Total Variable		Acre		\$ 287.73	
Fixed Machinery Cost	1	Acre	26.00	26.00	
Fixed Buildings & Bins Cost	1	Acre	3.00	3.00	
Fixed Irrigation Cost	0	Acre	72.00	-	
Total (Excluding Land)		Acre		\$ 316.73	
Land Real Estate Taxes	1	Acre	0.25%	4.03	
Land Interest	1610	Acre	4.00%	64.40	
Total Cost		Acre		\$ 385.16	

* 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
40	\$7.07	\$7.79	\$9.50	75	\$3.85	\$4.23	\$5.15
45	\$6.30	\$6.94	\$8.46	80	\$3.62	\$3.98	\$4.84
50	\$5.69	\$6.27	\$7.64	85	\$3.42	\$3.76	\$4.56
55	\$5.19	\$5.71	\$6.96	90	\$3.23	\$3.56	\$4.32
60	\$4.77	\$5.25	\$6.39	95	\$3.07	\$3.38	\$4.10
65	\$4.41	\$4.86	\$5.91	100	\$2.93	\$3.22	\$3.90
70	\$4.11	\$4.52	\$5.50	105	\$2.80	\$3.07	\$3.72

**University of Missouri Extension Southeast Missouri Crop Budget
2012 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	0.65	120.25	
Phosphate	80	Pounds	0.75	60.00	
Potash	60	Pounds	0.55	33.00	
Limestone	0.5	Tons	28.00	14.00	
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	46.00	46.00	
Post-Emerge	0	Acre	0.00	-	
Fungicide	1	Acre	17.00	17.00	
Insecticide	1	Acre	6.00	6.00	
Drying Fuel & Electricity*	0	Bushels	0.17	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	25.00	25.00	
Machinery Repairs	1	Acre	15.00	15.00	
Hauling & Transportation*	5000	Pounds	0.0020	10.00	
Irrigation Fuel (Acre Inches)	12	Acre	3.00	36.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	35.00	35.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Application	1	Acre	6.50	6.50	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	14.96	
Total Variable		Acre		\$ 513.71	
Fixed Machinery Cost	1	Acre	44.00	44.00	
Fixed Buildings & Bins Cost	1	Acre	3.00	3.00	
Fixed Irrigation Cost	1	Acre	72.00	72.00	
Total (Excluding Land)		Acre		\$ 632.71	
Land Real Estate Taxes	1	Acre	0.25%	8.05	
Land Interest	3220	Acre	4.00%	128.80	
Total Cost		Acre		\$ 769.56	

* 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	\$0.170	\$0.210	\$0.255	4750	\$0.108	\$0.133	\$0.162
3250	\$0.157	\$0.194	\$0.236	5000	\$0.103	\$0.127	\$0.154
3500	\$0.146	\$0.180	\$0.219	5250	\$0.098	\$0.121	\$0.147
3750	\$0.136	\$0.168	\$0.205	5500	\$0.094	\$0.115	\$0.140
4000	\$0.128	\$0.158	\$0.192	5750	\$0.090	\$0.110	\$0.134
4250	\$0.121	\$0.149	\$0.181	6000	\$0.086	\$0.106	\$0.129
4500	\$0.114	\$0.140	\$0.171	6250	\$0.083	\$0.102	\$0.124

**University of Missouri Extension Southeast Missouri Crop Budget
2012 GMO Cotton Budget**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed**	1	Acre	110.00	110.00	
Nitrogen	80	Pounds	0.65	52.00	
Phosphate	30	Pounds	0.75	22.50	
Potash	30	Pounds	0.55	16.50	
Limestone	0.5	Tons	28.00	14.00	
Sulfur	0	Pounds	0.00	-	
Boron	1	Pounds	4.00	4.00	
Early - Post with Residual	1	Acre	35.00	35.00	
Post-Emerge - Glyphosate	2	Acre	6.00	12.00	
Post-Emerge - Layby	1	Acre	10.00	10.00	
Insecticide	1	Acre	35.00	35.00	
Boll Weevil Eradication	1	Acre	5.00	5.00	
Growth Regulator	1	Acre	7.50	7.50	
Defoliation	1	Acre	18.00	18.00	
Ginning (changes with Yield)	0	Pounds	0.00	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	45.00	45.00	
Machinery Repairs	1	Acre	25.00	25.00	
Irrigation Fuel (Acre Inches)	0	Acre	3.00	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	67.00	67.00	
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 6.0%)	0.5	Acre	6.00%	15.29	
Total Variable		Acre		\$ 524.79	
Fixed Machinery Cost	1	Acre	95.00	95.00	
Fixed Buildings & Bins Cost	1	Acre	3.00	3.00	
Fixed Irrigation Cost	0	Acre	72.00	-	
Total (Excluding Land)		Acre		\$ 622.79	
Land Real Estate Taxes	1	Acre	0.25%	8.05	
Land Interest	3220	Acre	4.00%	128.80	
Total Cost		Acre		\$ 759.64	

**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	\$1.093	\$1.297	\$1.583	900	\$0.583	\$0.692	\$0.844
540	\$0.972	\$1.153	\$1.407	960	\$0.547	\$0.649	\$0.791
600	\$0.875	\$1.038	\$1.266	1020	\$0.514	\$0.611	\$0.745
660	\$0.795	\$0.944	\$1.151	1080	\$0.486	\$0.577	\$0.703
720	\$0.729	\$0.865	\$1.055	1140	\$0.460	\$0.546	\$0.666
780	\$0.673	\$0.798	\$0.974	1200	\$0.437	\$0.519	\$0.633
840	\$0.625	\$0.741	\$0.904	1260	\$0.416	\$0.494	\$0.603

**University of Missouri Extension Southeast Missouri Crop Budget
2012 Center Pivot Irr. GMO Cotton**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed**	1	Acre	110.00	110.00	
Nitrogen	80	Pounds	0.65	52.00	
Phosphate	40	Pounds	0.75	30.00	
Potash	35	Pounds	0.55	19.25	
Limestone	0.5	Tons	28.00	14.00	
Sulfur	0	Pounds	0.00	-	
Boron	1	Pounds	4.00	4.00	
Early - Post with Residual	1	Acre	35.00	35.00	
Post-Emerge - Glyphosate	2	Acre	6.00	12.00	
Post-Emerge - Layby	1	Acre	10.00	10.00	
Insecticide	1	Acre	35.00	35.00	
Boll Weevil Eradication	1	Acre	5.00	5.00	
Growth Regulator	2	Acre	7.50	15.00	
Defoliation	1	Acre	18.00	18.00	
Ginning (changes with Yield)	0	Pounds	0.00	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	45.00	45.00	
Machinery Repairs	1	Acre	25.00	25.00	
Irrigation Fuel (Acre Inches)	9	Acre	3.00	27.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	67.00	67.00	
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 6.0%)	0.5	Acre	6.00%	17.11	
Total Variable		Acre		\$ 587.36	
Fixed Machinery Cost	1	Acre	95.00	95.00	
Fixed Buildings & Bins Cost	1	Acre	3.00	3.00	
Fixed Irrigation Cost	1	Acre	72.00	72.00	
Total (Excluding Land)		Acre		\$ 757.36	
Land Real Estate Taxes	1	Acre	0.25%	8.05	
Land Interest	3220	Acre	4.00%	128.80	
Total Cost		Acre		\$ 894.21	

**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	\$0.816	\$1.052	\$1.242	1140	\$0.515	\$0.664	\$0.784
780	\$0.753	\$0.971	\$1.146	1200	\$0.489	\$0.631	\$0.745
840	\$0.699	\$0.902	\$1.065	1260	\$0.466	\$0.601	\$0.710
900	\$0.653	\$0.842	\$0.994	1320	\$0.445	\$0.574	\$0.677
960	\$0.612	\$0.789	\$0.931	1380	\$0.426	\$0.549	\$0.648
1020	\$0.576	\$0.743	\$0.877	1440	\$0.408	\$0.526	\$0.621
1080	\$0.544	\$0.701	\$0.828	1500	\$0.392	\$0.505	\$0.596

University of Missouri Extension Southeast Missouri Crop Budget 2012 Rice Budget - Conventional 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	0.65	97.50	
Phosphate	30	Pounds	0.75	22.50	
Potash	40	Pounds	0.55	22.00	
Limestone	0	Tons	28.00	-	
Zinc	3	Pounds	2.50	7.50	
Sulfur	0	Pounds	0.00	-	
Fungicide	1	Acre	22.00	22.00	
Pre-Emerge	1	Acre	17.00	17.00	
Post-Emerge	1	Acre	58.00	58.00	
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	35.00	35.00	
Machinery Repairs	1	Acre	17.00	17.00	
Irrigation Fuel	1	Acre	60.00	60.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	48.00	48.00	
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 6.0%)	0.5	Acre	6.00%	17.29	
Total Variable		Acre		\$ 593.49	
Fixed Machinery Cost	1	Acre	62.00	62.00	
Fixed Buildings & Bins Cost	1	Acre	20.00	20.00	
Fixed Irrigation Cost	1	Acre	72.00	72.00	
Total (Excluding Land)		Acre		\$ 747.49	
Land Real Estate Taxes	1	Acre	0.25%	8.05	
Land Interest	3220	Acre	4.00%	128.80	
Total Cost		Acre		\$ 884.34	

* 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	\$5.65	\$7.19	\$8.56	170	\$3.52	\$4.42	\$5.23
110	\$5.18	\$6.58	\$7.83	180	\$3.35	\$4.20	\$4.97
120	\$4.79	\$6.07	\$7.21	190	\$3.20	\$4.01	\$4.73
130	\$4.46	\$5.64	\$6.69	200	\$3.06	\$3.83	\$4.52
140	\$4.17	\$5.27	\$6.25	210	\$2.94	\$3.67	\$4.32
150	\$3.93	\$4.95	\$5.86	220	\$2.83	\$3.53	\$4.15
160	\$3.71	\$4.67	\$5.53	230	\$2.72	\$3.39	\$3.99

University of Missouri Extension Southeast Missouri Crop Budget 2012 Rice Budget - Clearfield

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	60	Pounds	1.00	72.00	
Nitrogen	150	Pounds	0.65	97.50	
Phosphate	30	Pounds	0.75	22.50	
Potash	40	Pounds	0.55	22.00	
Limestone	0	Tons	28.00	-	
Zinc	3	Pounds	2.50	7.50	
Sulfur	0	Pounds	0.00	-	
Fungicide	1	Acre	22.00	22.00	
Post-Emerge - Newpath	1	Acre	30.00	30.00	
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	35.00	35.00	
Machinery Repairs	1	Acre	17.00	17.00	
Irrigation Fuel	1	Acre	60.00	60.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	48.00	48.00	
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 6.0%)	0.5	Acre	6.00%	17.51	
Total Variable		Acre		\$ 601.21	
Fixed Machinery Cost	1	Acre	62.00	62.00	
Fixed Buildings & Bins Cost	1	Acre	20.00	20.00	
Fixed Irrigation Cost	1	Acre	72.00	72.00	
Total (Excluding Land)		Acre		\$ 755.21	
Land Real Estate Taxes	1	Acre	0.25%	8.05	
Land Interest	3220	Acre	4.00%	128.80	
Total Cost		Acre		\$ 892.06	

* 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
100	\$5.73	\$7.27	\$8.64	170	\$3.56	\$4.47	\$5.28
110	\$5.25	\$6.65	\$7.90	180	\$3.39	\$4.25	\$5.01
120	\$4.85	\$6.14	\$7.28	190	\$3.24	\$4.05	\$4.77
130	\$4.52	\$5.70	\$6.75	200	\$3.10	\$3.87	\$4.55
140	\$4.23	\$5.33	\$6.30	210	\$2.97	\$3.71	\$4.36
150	\$3.98	\$5.00	\$5.92	220	\$2.86	\$3.56	\$4.18
160	\$3.76	\$4.72	\$5.58	230	\$2.76	\$3.43	\$4.02

University of Missouri Extension Southeast Missouri Crop Budget 2012 Hybrid Rice Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	22.5	Pounds	5.00	112.50	
Nitrogen	150	Pounds	0.65	97.50	
Phosphate	30	Pounds	0.75	22.50	
Potash	40	Pounds	0.55	22.00	
Limestone	0	Tons	28.00	-	
Zinc	3	Pounds	2.50	7.50	
Sulfur	0	Pounds	0.00	-	
Fungicide	0	Ounces	0.00	-	
Pre-Emerge	1	Acre	17.00	17.00	
Post-Emerge	1	Acre	58.00	58.00	
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	35.00	35.00	
Machinery Repairs	1	Acre	17.00	17.00	
Irrigation Fuel	1	Acre	60.00	60.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	48.00	48.00	
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 6.0%)	0.5	Acre	6.00%	19.14	
Total Variable		Acre		\$ 657.24	
Fixed Machinery Cost	1	Acre	62.00	62.00	
Fixed Buildings & Bins Cost	1	Acre	22.00	22.00	
Fixed Irrigation Cost	1	Acre	72.00	72.00	
Total (Excluding Land)		Acre		\$ 813.24	
Land Real Estate Taxes	1	Acre	0.25%	8.05	
Land Interest	3220	Acre	4.00%	128.80	
Total Cost		Acre		\$ 950.09	

* 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
120	\$5.24	\$6.54	\$7.68	190	\$3.48	\$4.30	\$5.03
130	\$4.87	\$6.07	\$7.13	200	\$3.33	\$4.11	\$4.80
140	\$4.56	\$5.67	\$6.65	210	\$3.20	\$3.94	\$4.59
150	\$4.29	\$5.33	\$6.24	220	\$3.07	\$3.78	\$4.40
160	\$4.05	\$5.02	\$5.88	230	\$2.96	\$3.64	\$4.23
170	\$3.84	\$4.76	\$5.56	240	\$2.86	\$3.51	\$4.08
180	\$3.65	\$4.52	\$5.28	250	\$2.76	\$3.38	\$3.93

University of Missouri Extension Southeast Missouri Crop Budget 2012 Hybrid Rice Budget - Clearfield

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	22.5	Pounds	6.35	154.88	
Nitrogen	150	Pounds	0.65	97.50	
Phosphate	30	Pounds	0.75	22.50	
Potash	40	Pounds	0.55	22.00	
Limestone	0	Tons	28.00	-	
Zinc	3	Pounds	2.50	7.50	
Sulfur	0	Pounds	0.00	-	
Fungicide	0	Ounces	0.00	-	
Post-Emerge - Newpath	1	Acre	30.00	30.00	
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	35.00	35.00	
Machinery Repairs	1	Acre	17.00	17.00	
Irrigation Fuel	1	Acre	60.00	60.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	48.00	48.00	
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 6.0%)	0.5	Acre	6.00%	19.42	
Total Variable		Acre		\$ 666.90	
Fixed Machinery Cost	1	Acre	62.00	62.00	
Fixed Buildings & Bins Cost	1	Acre	22.00	22.00	
Fixed Irrigation Cost	1	Acre	72.00	72.00	
Total (Excluding Land)		Acre		\$ 822.90	
Land Real Estate Taxes	1	Acre	0.25%	8.05	
Land Interest	3220	Acre	4.00%	128.80	
Total Cost		Acre		\$ 959.75	

* 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	\$5.32	\$6.62	\$7.76	190	\$3.53	\$4.36	\$5.08
130	\$4.95	\$6.15	\$7.20	200	\$3.38	\$4.16	\$4.85
140	\$4.63	\$5.74	\$6.72	210	\$3.24	\$3.99	\$4.64
150	\$4.35	\$5.39	\$6.30	220	\$3.12	\$3.83	\$4.45
160	\$4.11	\$5.08	\$5.94	230	\$3.00	\$3.68	\$4.27
170	\$3.90	\$4.81	\$5.62	240	\$2.90	\$3.55	\$4.12
180	\$3.70	\$4.57	\$5.33	250	\$2.80	\$3.42	\$3.97

University of Missouri Extension Southeast Missouri Crop Budget

2012 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	55.00	66.00	
Nitrogen	0	Pounds	0.65	-	
Phosphate	30	Pounds	0.75	22.50	
Potash	50	Pounds	0.55	27.50	
Limestone	0.25	Tons	28.00	7.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	17.00	17.00	
Insecticide	2	Acre	6.00	12.00	
Burn Down Herbicides	1	Acre	5.00	5.00	
Pre-Emerge	1	Acre	20.00	20.00	
Post-Emerge	1	Acre	25.00	25.00	
Drying Fuel & Electricity*	0	Bushels	0.07	-	
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*	35	Bushels	0.17	5.95	
Irrigation Fuel (Acre Inches)	0	Acre	3.00	-	
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 6.0%)	0.5	Acre	6.00%	7.57	
Total Variable		Acre		\$ 260.02	
Fixed Machinery Cost	1	Acre	23.00	23.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	0	Acre	72.00	-	
Total (Excluding Land)		Acre		\$ 293.02	
Land Real Estate Taxes	1	Acre	0.25%	4.03	
Land Interest	1610	Acre	4.00%	64.40	
Total Cost		Acre		\$ 361.45	

* 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	\$12.87	\$14.52	\$17.94	55	\$4.79	\$5.39	\$6.63
25	\$10.33	\$11.65	\$14.39	60	\$4.40	\$4.95	\$6.09
30	\$8.64	\$9.74	\$12.02	65	\$4.08	\$4.59	\$5.64
35	\$7.43	\$8.37	\$10.33	70	\$3.80	\$4.27	\$5.25
40	\$6.52	\$7.35	\$9.06	75	\$3.56	\$4.00	\$4.91
45	\$5.82	\$6.55	\$8.07	80	\$3.35	\$3.76	\$4.61
50	\$5.25	\$5.91	\$7.28	85	\$3.16	\$3.55	\$4.35

University of Missouri Extension Southeast Missouri Crop Budget 2012 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	55.00	66.00	
Nitrogen	0	Pounds	0.65	-	
Phosphate	40	Pounds	0.75	30.00	
Potash	65	Pounds	0.55	35.75	
Limestone	0.25	Tons	28.00	7.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	17.00	17.00	
Insecticide	2	Acre	6.00	12.00	
Burn Down Herbicides	1	Acre	5.00	5.00	
Pre-Emerge	1	Acre	20.00	20.00	
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	11.00	11.00	
Machinery Repairs	1	Acre	7.00	7.00	
Hauling & Transportation*	45	Bushels	0.17	7.65	
Irrigation Fuel (Acre Inches)	8	Acre	3.00	24.00	
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 6.0%)	0.5	Acre	6.00%	9.27	
Total Variable		Acre		\$ 318.17	
Fixed Machinery Cost	1	Acre	23.00	23.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	1	Acre	72.00	72.00	
Total (Excluding Land)		Acre		\$ 423.17	
Land Real Estate Taxes	1	Acre	0.25%	4.03	
Land Interest	1610	Acre	4.00%	64.40	
Total Cost		Acre		\$ 491.59	

* 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	\$15.70	\$20.95	\$24.37	55	\$5.82	\$7.72	\$8.97
25	\$12.59	\$16.79	\$19.53	60	\$5.35	\$7.10	\$8.24
30	\$10.52	\$14.02	\$16.30	65	\$4.95	\$6.56	\$7.62
35	\$9.04	\$12.04	\$14.00	70	\$4.61	\$6.11	\$7.08
40	\$7.93	\$10.56	\$12.27	75	\$4.31	\$5.71	\$6.62
45	\$7.07	\$9.40	\$10.92	80	\$4.05	\$5.36	\$6.22
50	\$6.38	\$8.48	\$9.85	85	\$3.82	\$5.06	\$5.86

University of Missouri Extension Southeast Missouri Crop Budget 2012 No-Till Double Crop Conventional Soybean

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.2	Bags	24.00	28.80	
Nitrogen	0	Pounds	0.65	-	
Phosphate	30	Pounds	0.75	22.50	
Potash	50	Pounds	0.55	27.50	
Limestone	0.25	Tons	28.00	7.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	17.00	17.00	
Insecticide	2	Acre	6.00	12.00	
Burn Down Herbicides	1	Acre	5.00	5.00	
Pre-Emerge	1	Acre	20.00	20.00	
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	11.00	11.00	
Machinery Repairs	1	Acre	7.00	7.00	
Hauling & Transportation*	35	Bushels	0.17	5.95	
Irrigation Fuel (Acre Inches)	0	Acre	3.00	-	
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 6.0%)	0.5	Acre	6.00%	6.61	
Total Variable		Acre		\$ 226.86	
Fixed Machinery Cost	1	Acre	23.00	23.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	0	Acre	72.00	-	
Total (Excluding Land)		Acre		\$ 259.86	
Land Real Estate Taxes	1	Acre	0.25%	4.03	
Land Interest	1610	Acre	4.00%	64.40	
Total Cost		Acre		\$ 328.28	

* 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	\$11.22	\$12.87	\$16.29	55	\$4.19	\$4.79	\$6.03
25	\$9.01	\$10.33	\$13.06	60	\$3.85	\$4.40	\$5.54
30	\$7.53	\$8.63	\$10.91	65	\$3.57	\$4.08	\$5.13
35	\$6.48	\$7.42	\$9.38	70	\$3.33	\$3.80	\$4.77
40	\$5.69	\$6.52	\$8.23	75	\$3.12	\$3.56	\$4.47
45	\$5.08	\$5.81	\$7.33	80	\$2.93	\$3.34	\$4.20
50	\$4.59	\$5.25	\$6.62	85	\$2.77	\$3.16	\$3.96

University of Missouri Extension Southeast Missouri Crop Budget 2012 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	24.00	28.80	
Nitrogen	0	Pounds	0.65	-	
Phosphate	40	Pounds	0.75	30.00	
Potash	65	Pounds	0.55	35.75	
Limestone	0.25	Tons	28.00	7.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	17.00	17.00	
Insecticide	2	Acre	6.00	12.00	
Burn Down Herbicides	1	Acre	5.00	5.00	
Pre-Emerge	1	Acre	20.00	20.00	
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	11.00	11.00	
Machinery Repairs	1	Acre	7.00	7.00	
Hauling & Transportation*	45	Bushels	0.17	7.65	
Irrigation Fuel (Acre Inches)	8	Acre	3.00	24.00	
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 6.0%)	0.5	Acre	6.00%	8.30	
Total Variable		Acre		\$ 285.00	
Fixed Machinery Cost	1	Acre	23.00	23.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	1	Acre	72.00	72.00	
Total (Excluding Land)		Acre		\$ 390.00	
Land Real Estate Taxes	1	Acre	0.25%	4.03	
Land Interest	1610	Acre	4.00%	64.40	
Total Cost		Acre		\$ 458.43	

* 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	\$14.04	\$19.29	\$22.71	55	\$5.21	\$7.12	\$8.37
25	\$11.26	\$15.46	\$18.20	60	\$4.79	\$6.54	\$7.68
30	\$9.42	\$12.92	\$15.20	65	\$4.44	\$6.05	\$7.11
35	\$8.09	\$11.09	\$13.05	70	\$4.13	\$5.63	\$6.61
40	\$7.10	\$9.73	\$11.44	75	\$3.87	\$5.27	\$6.18
45	\$6.33	\$8.67	\$10.19	80	\$3.64	\$4.95	\$5.80
50	\$5.72	\$7.82	\$9.19	85	\$3.43	\$4.67	\$5.47

University of Missouri Extension Southeast Missouri Crop Budget

2012 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	50.00	60.00	
Nitrogen	0	Pounds	0.65	-	
Phosphate	30	Pounds	0.75	22.50	
Potash	50	Pounds	0.55	27.50	
Limestone	0.25	Tons	28.00	7.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	17.00	17.00	
Insecticide	2	Acre	6.00	12.00	
Burn Down Herbicides	1	Quarts	5.00	5.00	
Pre-Emerge	0	Acre	20.00	-	
Post-Emerge - Ignite	66	Ounces	0.48	31.68	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
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*	35	Bushels	0.17	5.95	
Irrigation Fuel (Acre Inches)	0	Acre	3.00	-	
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 6.0%)	0.5	Acre	6.00%	6.99	
Total Variable		Acre		\$ 240.12	
Fixed Machinery Cost	1	Acre	23.00	23.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	0	Acre	72.00	-	
Total (Excluding Land)		Acre		\$ 273.12	
Land Real Estate Taxes	1	Acre	0.25%	4.03	
Land Interest	1610	Acre	4.00%	64.40	
Total Cost		Acre		\$ 341.55	

* 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	\$11.88	\$13.53	\$16.95	55	\$4.43	\$5.03	\$6.27
25	\$9.54	\$10.86	\$13.59	60	\$4.07	\$4.62	\$5.76
30	\$7.98	\$9.08	\$11.36	65	\$3.77	\$4.28	\$5.33
35	\$6.86	\$7.80	\$9.76	70	\$3.52	\$3.99	\$4.96
40	\$6.02	\$6.85	\$8.56	75	\$3.29	\$3.73	\$4.64
45	\$5.37	\$6.11	\$7.63	80	\$3.10	\$3.51	\$4.36
50	\$4.85	\$5.51	\$6.88	85	\$2.92	\$3.31	\$4.12

University of Missouri Extension Southeast Missouri Crop Budget 2012 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	50.00	60.00	
Nitrogen	0	Pounds	0.65	-	
Phosphate	40	Pounds	0.75	30.00	
Potash	65	Pounds	0.55	35.75	
Limestone	0.25	Tons	28.00	7.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	17.00	17.00	
Insecticide	2	Acre	6.00	12.00	
Burn Down Herbicides	1	Quarts	5.00	5.00	
Pre-Emerge	0	Acre	20.00	-	
Post-Emerge - Ignite	66	Ounces	0.48	31.68	
Drying Fuel & Electricity*	0	Bushels	0.06	-	
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*	45	Bushels	0.17	7.65	
Irrigation Fuel (Acre Inches)	8	Acre	3.00	24.00	
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 6.0%)	0.5	Acre	6.00%	8.69	
Total Variable		Acre		\$ 298.27	
Fixed Machinery Cost	1	Acre	23.00	23.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	1	Acre	72.00	72.00	
Total (Excluding Land)		Acre		\$ 403.27	
Land Real Estate Taxes	1	Acre	0.25%	4.03	
Land Interest	1610	Acre	4.00%	64.40	
Total Cost		Acre		\$ 471.69	

* 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
20	\$14.70	\$19.95	\$23.37	55	\$5.45	\$7.36	\$8.61
25	\$11.79	\$15.99	\$18.73	60	\$5.01	\$6.76	\$7.90
30	\$9.86	\$13.36	\$15.64	65	\$4.64	\$6.26	\$7.31
35	\$8.47	\$11.47	\$13.43	70	\$4.32	\$5.82	\$6.80
40	\$7.44	\$10.06	\$11.77	75	\$4.04	\$5.44	\$6.36
45	\$6.63	\$8.96	\$10.48	80	\$3.80	\$5.12	\$5.97
50	\$5.98	\$8.08	\$9.45	85	\$3.59	\$4.82	\$5.63

University of Missouri Extension Southeast Missouri Crop Budget 2012 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	98.00	15.68	
Nitrogen	90	Pounds	0.65	58.50	
Phosphate	35	Pounds	0.75	26.25	
Potash	25	Pounds	0.55	13.75	
Limestone	0.25	Tons	28.00	7.00	
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	28.00	28.00	
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	19.00	19.00	
Machinery Repairs	1	Acre	13.00	13.00	
Hauling & Transportation*	70	Bushels	0.17	11.90	
Irrigation Fuel (Acre Inches)	0	Acre	3.00	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	28.00	28.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Application	2	Acre	6.50	13.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	8.28	
Total Variable		Acre		\$ 284.26	
Fixed Machinery Cost	1	Acre	36.00	36.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	0	Acre	72.00	-	
Total (Excluding Land)		Acre		\$ 330.26	
Land Real Estate Taxes	1	Acre	0.25%	4.03	
Land Interest	1610	Acre	4.00%	64.40	
Total Cost		Acre		\$ 398.68	

* 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	\$5.55	\$6.47	\$7.84	120	\$2.51	\$2.89	\$3.46
60	\$4.68	\$5.45	\$6.59	130	\$2.34	\$2.70	\$3.22
70	\$4.06	\$4.72	\$5.70	140	\$2.20	\$2.53	\$3.02
80	\$3.60	\$4.17	\$5.03	150	\$2.08	\$2.38	\$2.84
90	\$3.23	\$3.75	\$4.51	160	\$1.97	\$2.26	\$2.68
100	\$2.94	\$3.40	\$4.09	170	\$1.87	\$2.14	\$2.55
110	\$2.71	\$3.13	\$3.75	180	\$1.79	\$2.04	\$2.42

**University of Missouri Extension Southeast Missouri Crop Budget
2012 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	98.00	19.60	
Nitrogen	125	Pounds	0.65	81.25	
Phosphate	55	Pounds	0.75	41.25	
Potash	35	Pounds	0.55	19.25	
Limestone	0.25	Tons	28.00	7.00	
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	28.00	28.00	
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	0.17	18.70	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel	1	Acre	19.00	19.00	
Machinery Repairs	1	Acre	13.00	13.00	
Hauling & Transportation*	110	Bushels	0.17	18.70	
Irrigation Fuel (Acre Inches)	8	Acre	3.00	24.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	28.00	28.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Application	2	Acre	6.50	13.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	11.27	
Total Variable		Acre		\$ 387.02	
Fixed Machinery Cost	1	Acre	36.00	36.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	1	Acre	72.00	72.00	
Total (Excluding Land)		Acre		\$ 505.02	
Land Real Estate Taxes	1	Acre	0.25%	4.03	
Land Interest	1610	Acre	4.00%	64.40	
Total Cost		Acre		\$ 573.45	

* 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
70	\$5.33	\$7.02	\$8.00	140	\$2.84	\$3.68	\$4.17
80	\$4.71	\$6.19	\$7.04	150	\$2.67	\$3.46	\$3.91
90	\$4.22	\$5.54	\$6.30	160	\$2.53	\$3.26	\$3.69
100	\$3.84	\$5.02	\$5.70	170	\$2.40	\$3.09	\$3.49
110	\$3.52	\$4.59	\$5.21	180	\$2.28	\$2.94	\$3.32
120	\$3.25	\$4.24	\$4.81	190	\$2.18	\$2.80	\$3.16
130	\$3.03	\$3.94	\$4.46	200	\$2.09	\$2.68	\$3.02

University of Missouri Extension Southeast Missouri Crop Budget

2012 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	0.65	-	
Phosphate	30	Pounds	0.75	22.50	
Potash	50	Pounds	0.55	27.50	
Limestone	0.25	Tons	28.00	7.00	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Pre-Emerge	1	Acre	25.00	25.00	
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	21.00	21.00	
Machinery Repairs	1	Acre	11.00	11.00	
Irrigation Fuel (Acre Inches)	0	Acre	3.00	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	32.00	32.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Application	0	Acre	6.50	-	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	5.66	
Total Variable		Acre		\$ 194.26	
Fixed Machinery Cost	1	Acre	39.00	39.00	
Fixed Buildings & Bins Cost	1	Acre	5.00	5.00	
Fixed Irrigation Cost	0	Acre	72.00	-	
Total (Excluding Land)		Acre		\$ 238.26	
Land Real Estate Taxes	1	Acre	0.25%	4.03	
Land Interest	1610	Acre	4.00%	64.40	
Total Cost		Acre		\$ 306.68	

* 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	\$0.321	\$0.394	\$0.508	1300	\$0.150	\$0.184	\$0.236
700	\$0.275	\$0.338	\$0.436	1400	\$0.139	\$0.171	\$0.219
800	\$0.241	\$0.296	\$0.382	1500	\$0.130	\$0.159	\$0.205
900	\$0.215	\$0.264	\$0.340	1600	\$0.122	\$0.150	\$0.192
1000	\$0.194	\$0.238	\$0.306	1700	\$0.115	\$0.141	\$0.181
1100	\$0.176	\$0.216	\$0.279	1800	\$0.109	\$0.133	\$0.171
1200	\$0.162	\$0.199	\$0.256	1900	\$0.103	\$0.127	\$0.163

University of Missouri Extension Southeast Missouri Crop Budget 2012 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	0.65	-	
Phosphate	40	Pounds	0.75	30.00	
Potash	65	Pounds	0.55	35.75	
Limestone	0.25	Tons	28.00	7.00	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Pre-Emerge	1	Acre	25.00	25.00	
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	21.00	21.00	
Machinery Repairs	1	Acre	11.00	11.00	
Irrigation Fuel (Acre Inches)	8	Acre	3.00	24.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	32.00	32.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Application	0	Acre	6.50	-	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	7.34	
Total Variable		Acre		\$ 251.89	
Fixed Machinery Cost	1	Acre	39.00	39.00	
Fixed Buildings & Bins Cost	1	Acre	5.00	5.00	
Fixed Irrigation Cost	1	Acre	72.00	72.00	
Total (Excluding Land)		Acre		\$ 367.89	
Land Real Estate Taxes	1	Acre	0.25%	4.03	
Land Interest	1610	Acre	4.00%	64.40	
Total Cost		Acre		\$ 436.31	

* 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	\$0.250	\$0.366	\$0.435	1700	\$0.148	\$0.217	\$0.257
1100	\$0.228	\$0.333	\$0.395	1800	\$0.140	\$0.205	\$0.243
1200	\$0.209	\$0.306	\$0.363	1900	\$0.133	\$0.194	\$0.230
1300	\$0.193	\$0.282	\$0.335	2000	\$0.127	\$0.185	\$0.219
1400	\$0.179	\$0.262	\$0.311	2100	\$0.121	\$0.176	\$0.208
1500	\$0.168	\$0.245	\$0.291	2200	\$0.115	\$0.168	\$0.199
1600	\$0.157	\$0.230	\$0.273	2300	\$0.110	\$0.161	\$0.191

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

Crop 1 - Select Crop Below

Irrigated GMO Corn

- DC No Till Grain Sorghum
- Irr DC No Till Grain Sorghum
- Double Crop Southern Peas
- Irr DC Southern Peas

Irr = Irrigation
 RR = Roundup Ready
 DC = Double Crop
 LL = Liberty Link; Conv= Conventional

Corn

Price	Yield
\$6.40	209
▲	▲
▼	▼

Select Price and Yield
 For both crops

Crop 2 - Select Crop Below

Irrigated GMO Cotton

- DC No Till RR Soybeans
- Irr DC No Till RR Soybeans
- DC No Till Conventional Soybeans
- Irr DC No Till Conventional Soybeans

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

Cotton

Price	Yield
\$0.75	1,240
▲	▲
▼	▼

Price	Yield
\$0.00	0
▲	▲
▼	▼

Variable Costs	Total Cost
\$ 625.42	\$ 893.27
\$ 587.36	\$ 894.21

Crop 1 - Select Crop Below
 Irrigated GMO Corn
 Crop 2 - Select Crop Below
 Irrigated GMO Cotton

Irrigated GMO Corn versus Irrigated GMO Cotton Equal returns Based on Variable Production Costs						
Irr GMO Corn yields with the same net income as				\$0.75 Cotton		
Cotton Yields	Corn		Prices			
	\$5.90	\$6.15	\$6.40	\$6.65	\$6.90	\$7.15
Corn Yields						
1,040	139	133	128	123	119	114
1,140	151	145	140	134	129	125
1,240	164	157	151	146	140	135
1,340	177	170	163	157	151	146
1,440	190	182	175	168	162	156

Irrigated GMO Corn versus Irrigated GMO Cotton Equal returns Based on Variable Production Costs						
Irr GMO Cotton yields with the same net income as				\$6.40 Corn		
Corn Yields	Cotton		Prices			
	\$0.65	\$0.70	\$0.75	\$0.80	\$0.85	\$0.90
Cotton Yields						
189	1,802	1,673	1,561	1,464	1,378	1,301
199	1,900	1,764	1,647	1,544	1,453	1,372
209	1,999	1,856	1,732	1,624	1,528	1,443
219	2,097	1,947	1,817	1,704	1,604	1,515
229	2,196	2,039	1,903	1,784	1,679	1,586

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

Crop 1 - Select Crop Below

Irrigated GMO Corn

Irrigated GMO Corn
 Liberty Link Soybeans
 Irr. Liberty Link Soybeans
 Roundup Ready Soybeans

Irr = Irrigation
 RR = Roundup Ready
 DC = Double Crop
 LL = Liberty Link; Conv= Conventional

Corn

Price	Yield
\$6.40	209
▲	▲
▼	▼

Select Price and Yield
 For both crops

Crop 2 - Select Crop Below

Irrigated GMO Cotton

Popcorn
 GMO Cotton
 Irrigated GMO Cotton
 Rice - Conventional

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

Cotton

Price	Yield
\$0.75	1,240
▲	▲
▼	▼

Price	Yield
\$0.00	0
▲	▲
▼	▼

Crop 1 - Select Crop Below
 Irrigated GMO Corn
 Crop 2 - Select Crop Below
 Irrigated GMO Cotton

	Variable Costs	Total Cost
Irrigated GMO Corn	\$ 625.42	\$ 893.27
Irrigated GMO Cotton	\$ 587.36	\$ 894.21

Irrigated GMO Corn versus Irrigated GMO Cotton Net Returns Based on Variable Production Costs						
	Irr GMO Corn at	209	Bu/Ac	and	\$0.75	Cotton
Cotton Yields		Corn Prices				
		\$5.90	\$6.15	\$6.40	\$6.65	\$6.90
		Corn Net Returns				
1,040	\$415	\$467	\$519	\$571	\$624	\$676
1,140	\$340	\$392	\$444	\$496	\$549	\$601
1,240	\$265	\$317	\$369	\$421	\$474	\$526
1,340	\$190	\$242	\$294	\$346	\$399	\$451
1,440	\$115	\$167	\$219	\$271	\$324	\$376
Irrigated GMO Cotton versus Irrigated GMO Corn Net Returns Based on Variable Production Costs						
	Irr GMO Cotton at	1,240	Bu/Ac	and	\$6.40	Corn
Corn Yields		Cotton Prices				
		\$0.65	\$0.70	\$0.75	\$0.80	\$0.85
		Cotton Net Returns				
189	(365)	(303)	(241)	(179)	(117)	(55)
199	(429)	(367)	(305)	(243)	(181)	(119)
209	(493)	(431)	(369)	(307)	(245)	(183)
219	(557)	(495)	(433)	(371)	(309)	(247)
229	(621)	(559)	(497)	(435)	(373)	(311)