

University of Missouri Extension Southeast Missouri Crop Budgets 2015

This spreadsheet provides an estimate of the production costs and returns for the major row crops grown in Southeast Missouri for 2015. The enterprise budgets are designed to provide planning data for farmers, landowners, researchers, extension staff, agriculture lenders, 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

2015 Non-GMO Corn Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.3	Bags	210.00	63.00	
Nitrogen	165	Pounds	0.48	79.20	
Phosphate	70	Pounds	0.40	28.00	
Potash	45	Pounds	0.38	17.10	
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	22.00	22.00	
Post-Emerge	1	Acre	16.00	16.00	
Fungicide	1	Acre	15.00	15.00	
Insecticide	1	Acre	5.00	5.00	
Drying Fuel & Electricity*	150	Bushels	0.18	27.00	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	23.00	23.00	
Machinery Repairs	1	Acre	17.00	17.00	
Hauling & Transportation*	150	Bushels	0.20	30.00	
Irrigation Fuel (Acre Inches)	0	Acre	3.00	-	
Irrigation Repairs	0	Acre	10.00	-	
Labor	1	Acre	35.00	35.00	
Irrigation Labor	0	Acre	4.00	-	
Custom Application	1	Acre	6.50	6.50	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	12.59	
Total Variable		Acre		\$ 432.39	
Fixed Machinery Cost	1	Acre	52.00	52.00	
Fixed Buildings & Bins Cost	1	Acre	17.00	17.00	
Fixed Irrigation Cost	0	Acre	77.00	-	
Total (Excluding Land)		Acre		\$ 501.39	
Land Real Estate Taxes	1	Acre	0.20%	11.60	
Land Interest	5800	Acre	2.75%	159.50	
Total Cost		Acre		\$ 672.49	

* 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
100	\$4.13	\$4.82	\$6.53	170	\$2.59	\$2.99	\$4.00
110	\$3.79	\$4.42	\$5.98	180	\$2.47	\$2.85	\$3.80
120	\$3.51	\$4.08	\$5.51	190	\$2.36	\$2.72	\$3.62
130	\$3.27	\$3.80	\$5.11	200	\$2.26	\$2.60	\$3.46
140	\$3.06	\$3.55	\$4.78	210	\$2.17	\$2.50	\$3.31
150	\$2.88	\$3.34	\$4.48	220	\$2.09	\$2.40	\$3.18
160	\$2.73	\$3.16	\$4.23	230	\$2.01	\$2.31	\$3.06

University of Missouri Extension Southeast Missouri Crop Budget

2015 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	210.00	84.00	
Nitrogen	220	Pounds	0.48	105.60	
Phosphate	90	Pounds	0.40	36.00	
Potash	60	Pounds	0.38	22.80	
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	22.00	22.00	
Post-Emerge	1	Acre	16.00	16.00	
Fungicide	1	Acre	15.00	15.00	
Insecticide	1	Acre	5.00	5.00	
Drying Fuel & Electricity*	200	Bushels	0.18	36.00	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	23.00	23.00	
Machinery Repairs	1	Acre	17.00	17.00	
Hauling & Transportation*	200	Bushels	0.20	40.00	
Irrigation Fuel (Acre Inches)	12	Acre	3.00	36.00	
Irrigation Repairs	1	Acre	10.00	10.00	
Labor	1	Acre	35.00	35.00	
Irrigation Labor	1	Acre	4.00	4.00	
Custom Application	1	Acre	6.50	6.50	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	16.50	
Total Variable		Acre		\$ 566.40	
Fixed Machinery Cost	1	Acre	52.00	52.00	
Fixed Buildings & Bins Cost	1	Acre	21.00	21.00	
Fixed Irrigation Cost	1	Acre	77.00	77.00	
Total (Excluding Land)		Acre		\$ 716.40	
Land Real Estate Taxes	1	Acre	0.20%	11.60	
Land Interest	5800	Acre	2.75%	159.50	
Total Cost		Acre		\$ 887.50	

* 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
140	\$3.88	\$4.95	\$6.18	210	\$2.72	\$3.43	\$4.24
150	\$3.65	\$4.65	\$5.79	220	\$2.61	\$3.29	\$4.07
160	\$3.44	\$4.38	\$5.45	230	\$2.51	\$3.16	\$3.91
170	\$3.26	\$4.15	\$5.15	240	\$2.42	\$3.05	\$3.76
180	\$3.10	\$3.94	\$4.89	250	\$2.34	\$2.94	\$3.63
190	\$2.96	\$3.75	\$4.65	260	\$2.27	\$2.84	\$3.50
200	\$2.83	\$3.58	\$4.44	270	\$2.20	\$2.75	\$3.39

**University of Missouri Extension Southeast Missouri Crop Budget
2015 GMO Corn Budget**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.3	Bags	310.00	93.00	
Nitrogen	165	Pounds	0.48	79.20	
Phosphate	70	Pounds	0.40	28.00	
Potash	45	Pounds	0.38	17.10	
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	22.00	22.00	
Post-Emerge	1	Acre	16.00	16.00	
Fungicide	1	Acre	15.00	15.00	
Insecticide	1	Acre	5.00	5.00	
Drying Fuel & Electricity*	150	Bushels	0.18	27.00	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	23.00	23.00	
Machinery Repairs	1	Acre	17.00	17.00	
Hauling & Transportation*	150	Bushels	0.20	30.00	
Irrigation Fuel (Acre Inches)	0	Acre	3.00	-	
Irrigation Repairs	0	Acre	10.00	-	
Labor	1	Acre	35.00	35.00	
Irrigation Labor	0	Acre	4.00	-	
Custom Application	1	Acre	6.50	6.50	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	13.49	
Total Variable		Acre		\$ 463.29	
Fixed Machinery Cost	1	Acre	52.00	52.00	
Fixed Buildings & Bins Cost	1	Acre	17.00	17.00	
Fixed Irrigation Cost	0	Acre	77.00	-	
Total (Excluding Land)		Acre		\$ 532.29	
Land Real Estate Taxes	1	Acre	0.20%	11.60	
Land Interest	5800	Acre	2.75%	159.50	
Total Cost		Acre		\$ 703.39	

* 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
100	\$4.44	\$5.13	\$6.84	170	\$2.77	\$3.18	\$4.18
110	\$4.07	\$4.70	\$6.26	180	\$2.64	\$3.02	\$3.97
120	\$3.77	\$4.34	\$5.77	190	\$2.52	\$2.88	\$3.78
130	\$3.51	\$4.04	\$5.35	200	\$2.41	\$2.76	\$3.61
140	\$3.28	\$3.77	\$5.00	210	\$2.31	\$2.64	\$3.46
150	\$3.09	\$3.55	\$4.69	220	\$2.23	\$2.54	\$3.32
160	\$2.92	\$3.35	\$4.42	230	\$2.15	\$2.45	\$3.19

University of Missouri Extension Southeast Missouri Crop Budget 2015 Center Pivot Irrigated GMO Corn Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.4	Bags	310.00	124.00	
Nitrogen	220	Pounds	0.48	105.60	
Phosphate	90	Pounds	0.40	36.00	
Potash	60	Pounds	0.38	22.80	
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	22.00	22.00	
Post-Emerge	1	Acre	16.00	16.00	
Fungicide	1	Acre	15.00	15.00	
Insecticide	1	Acre	5.00	5.00	
Drying Fuel & Electricity*	200	Bushels	0.18	36.00	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	23.00	23.00	
Machinery Repairs	1	Acre	17.00	17.00	
Hauling & Transportation*	200	Bushels	0.20	40.00	
Irrigation Fuel (Acre Inches)	12	Acre	3.00	36.00	
Irrigation Repairs	1	Acre	10.00	10.00	
Labor	1	Acre	35.00	35.00	
Irrigation Labor	1	Acre	4.00	4.00	
Custom Application	1	Acre	6.50	6.50	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	17.70	
Total Variable		Acre		\$ 607.60	
Fixed Machinery Cost	1	Acre	52.00	52.00	
Fixed Buildings & Bins Cost	1	Acre	21.00	21.00	
Fixed Irrigation Cost	1	Acre	77.00	77.00	
Total (Excluding Land)		Acre		\$ 757.60	
Land Real Estate Taxes	1	Acre	0.20%	11.60	
Land Interest	5800	Acre	2.75%	159.50	
Total Cost		Acre		\$ 928.70	

* 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	\$4.18	\$5.25	\$6.47	210	\$2.91	\$3.63	\$4.44
150	\$3.92	\$4.92	\$6.06	220	\$2.80	\$3.48	\$4.26
160	\$3.70	\$4.64	\$5.71	230	\$2.69	\$3.34	\$4.09
170	\$3.51	\$4.39	\$5.40	240	\$2.59	\$3.22	\$3.93
180	\$3.33	\$4.17	\$5.12	250	\$2.51	\$3.11	\$3.79
190	\$3.18	\$3.97	\$4.87	260	\$2.42	\$3.00	\$3.66
200	\$3.04	\$3.79	\$4.64	270	\$2.35	\$2.90	\$3.54

University of Missouri Extension Southeast Missouri Crop Budget 2015 Liberty Link Soybean Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.1	Bags	58.00	63.80	
Nitrogen	0	Pounds	0.48	-	
Phosphate	40	Pounds	0.40	16.00	
Potash	65	Pounds	0.38	24.70	
Limestone	0.5	Tons	28.00	14.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	15.00	15.00	
Insecticide	1	Acre	5.00	5.00	
Burn Down Herbicides	0	Quarts	0.00	-	
Pre-Emerge	1	Acre	18.00	18.00	
Post-Emerge - Liberty	36	Ounces	0.64	23.04	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	12.00	12.00	
Machinery Repairs	1	Acre	10.00	10.00	
Hauling & Transportation*	45	Bushels	0.20	9.00	
Irrigation Fuel (Acre Inches)	0	Acre	3.00	-	
Irrigation Repairs	0	Acre	10.00	-	
Labor	1	Acre	18.00	18.00	
Irrigation Labor	0	Acre	4.00	-	
Custom Application	1	Acre	6.50	6.50	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	7.71	
Total Variable		Acre		\$ 264.75	
Fixed Machinery Cost	1	Acre	34.00	34.00	
Fixed Buildings & Bins Cost	1	Acre	7.00	7.00	
Fixed Irrigation Cost	0	Acre	77.00	-	
Total (Excluding Land)		Acre		\$ 305.75	
Land Real Estate Taxes	1	Acre	0.20%	11.60	
Land Interest	5800	Acre	2.75%	159.50	
Total Cost		Acre		\$ 476.85	

* 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
20	\$12.99	\$15.04	\$23.59	55	\$4.85	\$5.60	\$8.71
25	\$10.43	\$12.07	\$18.91	60	\$4.46	\$5.15	\$8.00
30	\$8.73	\$10.09	\$15.80	65	\$4.13	\$4.77	\$7.40
35	\$7.51	\$8.68	\$13.57	70	\$3.85	\$4.44	\$6.88
40	\$6.59	\$7.62	\$11.90	75	\$3.61	\$4.16	\$6.44
45	\$5.88	\$6.79	\$10.60	80	\$3.40	\$3.91	\$6.05
50	\$5.32	\$6.14	\$9.56	85	\$3.21	\$3.69	\$5.70

University of Missouri Extension Southeast Missouri Crop Budget 2015 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	58.00	69.60	
Nitrogen	0	Pounds	0.48	-	
Phosphate	45	Pounds	0.40	18.00	
Potash	80	Pounds	0.38	30.40	
Limestone	0.5	Tons	28.00	14.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	15.00	15.00	
Insecticide	1	Acre	5.00	5.00	
Burn Down Herbicides	0	Quarts	0.00	-	
Pre-Emerge	1	Acre	18.00	18.00	
Post-Emerge - Liberty	36	Ounces	0.64	23.04	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	12.00	12.00	
Machinery Repairs	1	Acre	10.00	10.00	
Hauling & Transportation*	55	Bushels	0.20	11.00	
Irrigation Fuel (Acre Inches)	8	Acre	3.00	24.00	
Irrigation Repairs	1	Acre	10.00	10.00	
Labor	1	Acre	18.00	18.00	
Irrigation Labor	1	Acre	4.00	4.00	
Custom Application	1	Acre	6.50	6.50	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	9.32	
Total Variable		Acre		\$ 319.86	
Fixed Machinery Cost	1	Acre	34.00	34.00	
Fixed Buildings & Bins Cost	1	Acre	8.00	8.00	
Fixed Irrigation Cost	1	Acre	77.00	77.00	
Total (Excluding Land)		Acre		\$ 438.86	
Land Real Estate Taxes	1	Acre	0.20%	11.60	
Land Interest	5800	Acre	2.75%	159.50	
Total Cost		Acre		\$ 609.96	

* 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	\$15.64	\$21.59	\$30.15	55	\$5.82	\$7.98	\$11.09
25	\$12.55	\$17.31	\$24.16	60	\$5.35	\$7.33	\$10.18
30	\$10.50	\$14.46	\$20.17	65	\$4.95	\$6.78	\$9.41
35	\$9.02	\$12.42	\$17.31	70	\$4.61	\$6.31	\$8.76
40	\$7.92	\$10.90	\$15.17	75	\$4.32	\$5.90	\$8.19
45	\$7.06	\$9.71	\$13.51	80	\$4.06	\$5.55	\$7.69
50	\$6.38	\$8.76	\$12.18	85	\$3.83	\$5.23	\$7.25

University of Missouri Extension Southeast Missouri Crop Budget 2015 Roundup Ready Soybean Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.1	Bags	62.00	68.20	
Nitrogen	0	Pounds	0.48	-	
Phosphate	40	Pounds	0.40	16.00	
Potash	65	Pounds	0.38	24.70	
Limestone	0.5	Tons	28.00	14.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	15.00	15.00	
Insecticide	1	Acre	5.00	5.00	
Burn Down Herbicides	0	Quarts	0.00	-	
Pre-Emerge	1	Acre	18.00	18.00	
Post-Emerge	1	Acre	24.00	24.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	12.00	12.00	
Machinery Repairs	1	Acre	10.00	10.00	
Hauling & Transportation*	45	Bushels	0.20	9.00	
Irrigation Fuel (Acre Inches)	0	Acre	3.00	-	
Irrigation Repairs	0	Acre	10.00	-	
Labor	1	Acre	18.00	18.00	
Irrigation Labor	0	Acre	4.00	-	
Custom Application	1	Acre	6.50	6.50	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	7.87	
Total Variable		Acre		\$ 270.27	
Fixed Machinery Cost	1	Acre	34.00	34.00	
Fixed Buildings & Bins Cost	1	Acre	7.00	7.00	
Fixed Irrigation Cost	0	Acre	77.00	-	
Total (Excluding Land)		Acre		\$ 311.27	
Land Real Estate Taxes	1	Acre	0.20%	11.60	
Land Interest	5800	Acre	2.75%	159.50	
Total Cost		Acre		\$ 482.37	

* 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	\$13.26	\$15.31	\$23.87	55	\$4.95	\$5.70	\$8.81
25	\$10.65	\$12.29	\$19.13	60	\$4.55	\$5.24	\$8.09
30	\$8.91	\$10.28	\$15.98	65	\$4.22	\$4.85	\$7.48
35	\$7.66	\$8.84	\$13.72	70	\$3.93	\$4.52	\$6.96
40	\$6.73	\$7.76	\$12.03	75	\$3.68	\$4.23	\$6.51
45	\$6.01	\$6.92	\$10.72	80	\$3.47	\$3.98	\$6.12
50	\$5.43	\$6.25	\$9.67	85	\$3.27	\$3.76	\$5.77

University of Missouri Extension Southeast Missouri Crop Budget 2015 Center Pivot Irr. Roundup Ready Soybeans

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.2	Bags	62.00	74.40	
Nitrogen	0	Pounds	0.48	-	
Phosphate	45	Pounds	0.40	18.00	
Potash	80	Pounds	0.38	30.40	
Limestone	0.5	Tons	28.00	14.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	15.00	15.00	
Insecticide	1	Acre	5.00	5.00	
Burn Down Herbicides	0	Quarts	0.00	-	
Pre-Emerge	1	Acre	18.00	18.00	
Post-Emerge	1	Acre	24.00	24.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	12.00	12.00	
Machinery Repairs	1	Acre	10.00	10.00	
Hauling & Transportation*	55	Bushels	0.20	11.00	
Irrigation Fuel (Acre Inches)	8	Acre	3.00	24.00	
Irrigation Repairs	1	Acre	10.00	10.00	
Labor	1	Acre	18.00	18.00	
Irrigation Labor	1	Acre	4.00	4.00	
Custom Application	1	Acre	6.50	6.50	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	9.49	
Total Variable		Acre		\$ 325.79	
Fixed Machinery Cost	1	Acre	34.00	34.00	
Fixed Buildings & Bins Cost	1	Acre	8.00	8.00	
Fixed Irrigation Cost	1	Acre	77.00	77.00	
Total (Excluding Land)		Acre		\$ 444.79	
Land Real Estate Taxes	1	Acre	0.20%	11.60	
Land Interest	5800	Acre	2.75%	159.50	
Total Cost		Acre		\$ 615.89	

* 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
30	\$10.69	\$14.66	\$20.36	65	\$5.04	\$6.87	\$9.51
35	\$9.19	\$12.59	\$17.48	70	\$4.70	\$6.40	\$8.84
40	\$8.07	\$11.04	\$15.32	75	\$4.40	\$5.98	\$8.27
45	\$7.20	\$9.84	\$13.64	80	\$4.13	\$5.62	\$7.76
50	\$6.50	\$8.88	\$12.30	85	\$3.90	\$5.30	\$7.32
55	\$5.92	\$8.09	\$11.20	90	\$3.70	\$5.02	\$6.92
60	\$5.45	\$7.43	\$10.28	95	\$3.51	\$4.77	\$6.57

University of Missouri Extension Southeast Missouri Crop Budget 2015 Conventional Soybean Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.1	Bags	43.00	47.30	
Nitrogen	0	Pounds	0.48	-	
Phosphate	40	Pounds	0.40	16.00	
Potash	65	Pounds	0.38	24.70	
Limestone	0.5	Tons	28.00	14.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	15.00	15.00	
Insecticide	1	Acre	5.00	5.00	
Burn Down Herbicides	0	Quarts	0.00	-	
Pre-Emerge	1	Acre	18.00	18.00	
Post-Emerge	1	Acre	22.00	22.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	12.00	12.00	
Machinery Repairs	1	Acre	10.00	10.00	
Hauling & Transportation*	45	Bushels	0.20	9.00	
Irrigation Fuel (Acre Inches)	0	Acre	3.00	-	
Irrigation Repairs	0	Acre	10.00	-	
Labor	1	Acre	18.00	18.00	
Irrigation Labor	0	Acre	4.00	-	
Custom Application	1	Acre	6.50	6.50	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	7.19	
Total Variable		Acre		\$ 246.69	
Fixed Machinery Cost	1	Acre	34.00	34.00	
Fixed Buildings & Bins Cost	1	Acre	7.00	7.00	
Fixed Irrigation Cost	0	Acre	77.00	-	
Total (Excluding Land)		Acre		\$ 287.69	
Land Real Estate Taxes	1	Acre	0.20%	11.60	
Land Interest	5800	Acre	2.75%	159.50	
Total Cost		Acre		\$ 458.79	

* 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	\$12.08	\$14.13	\$22.69	55	\$4.52	\$5.27	\$8.38
25	\$9.71	\$11.35	\$18.19	60	\$4.16	\$4.84	\$7.70
30	\$8.12	\$9.49	\$15.19	65	\$3.86	\$4.49	\$7.12
35	\$6.99	\$8.16	\$13.05	70	\$3.60	\$4.18	\$6.63
40	\$6.14	\$7.17	\$11.44	75	\$3.37	\$3.92	\$6.20
45	\$5.48	\$6.39	\$10.20	80	\$3.17	\$3.68	\$5.82
50	\$4.95	\$5.77	\$9.20	85	\$3.00	\$3.48	\$5.49

University of Missouri Extension Southeast Missouri Crop Budget

2015 Center Pivot Irr. Conventional Soybean Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.2	Bags	43.00	51.60	
Nitrogen	0	Pounds	0.48	-	
Phosphate	45	Pounds	0.40	18.00	
Potash	80	Pounds	0.38	30.40	
Limestone	0.5	Tons	28.00	14.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	15.00	15.00	
Insecticide	1	Acre	5.00	5.00	
Burn Down Herbicides	0	Quarts	0.00	-	
Pre-Emerge	1	Acre	18.00	18.00	
Post-Emerge	1	Acre	22.00	22.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	12.00	12.00	
Machinery Repairs	1	Acre	10.00	10.00	
Hauling & Transportation*	55	Bushels	0.20	11.00	
Irrigation Fuel (Acre Inches)	8	Acre	3.00	24.00	
Irrigation Repairs	1	Acre	10.00	10.00	
Labor	1	Acre	18.00	18.00	
Irrigation Labor	1	Acre	4.00	4.00	
Custom Application	1	Acre	6.50	6.50	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	8.75	
Total Variable		Acre		\$ 300.25	
Fixed Machinery Cost	1	Acre	34.00	34.00	
Fixed Buildings & Bins Cost	1	Acre	8.00	8.00	
Fixed Irrigation Cost	1	Acre	77.00	77.00	
Total (Excluding Land)		Acre		\$ 419.25	
Land Real Estate Taxes	1	Acre	0.20%	11.60	
Land Interest	5800	Acre	2.75%	159.50	
Total Cost		Acre		\$ 590.35	

* 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	\$14.66	\$20.61	\$29.17	55	\$5.46	\$7.62	\$10.73
25	\$11.77	\$16.53	\$23.37	60	\$5.02	\$7.00	\$9.86
30	\$9.84	\$13.81	\$19.51	65	\$4.65	\$6.48	\$9.11
35	\$8.46	\$11.86	\$16.75	70	\$4.33	\$6.03	\$8.48
40	\$7.43	\$10.41	\$14.68	75	\$4.06	\$5.64	\$7.92
45	\$6.63	\$9.27	\$13.07	80	\$3.82	\$5.30	\$7.44
50	\$5.98	\$8.36	\$11.79	85	\$3.60	\$5.00	\$7.02

University of Missouri Extension Southeast Missouri Crop Budget

2015 Grain Sorghum Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.16	Bags	125.00	20.00	
Nitrogen	125	Pounds	0.48	60.00	
Phosphate	60	Pounds	0.40	24.00	
Potash	40	Pounds	0.38	15.20	
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	26.00	26.00	
Post-Emerge	1	Acre	3.00	3.00	
Fungicide	0	Acre	0.00	-	
Insecticide	1	Acre	5.00	5.00	
Drying Fuel & Electricity*	110	Bushels	0.18	19.80	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	22.00	22.00	
Machinery Repairs	1	Acre	15.00	15.00	
Hauling & Transportation*	110	Bushels	0.20	22.00	
Irrigation Fuel (Acre Inches)	0	Acre	3.00	-	
Irrigation Repairs	0	Acre	10.00	-	
Labor	1	Acre	33.00	33.00	
Irrigation Labor	0	Acre	4.00	-	
Custom Application	1	Acre	6.50	6.50	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	9.23	
Total Variable		Acre		\$ 316.73	
Fixed Machinery Cost	1	Acre	47.00	47.00	
Fixed Buildings & Bins Cost	1	Acre	17.00	17.00	
Fixed Irrigation Cost	0	Acre	77.00	-	
Total (Excluding Land)		Acre		\$ 380.73	
Land Real Estate Taxes	1	Acre	0.20%	11.60	
Land Interest	5800	Acre	2.75%	159.50	
Total Cost		Acre		\$ 551.83	

* 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	\$4.31	\$5.22	\$7.67	140	\$2.34	\$2.80	\$4.02
80	\$3.82	\$4.62	\$6.76	150	\$2.21	\$2.64	\$3.78
90	\$3.43	\$4.15	\$6.05	160	\$2.10	\$2.50	\$3.57
100	\$3.13	\$3.77	\$5.48	170	\$2.00	\$2.37	\$3.38
110	\$2.88	\$3.46	\$5.02	180	\$1.91	\$2.26	\$3.21
120	\$2.67	\$3.20	\$4.63	190	\$1.83	\$2.16	\$3.06
130	\$2.49	\$2.99	\$4.30	200	\$1.75	\$2.07	\$2.93

University of Missouri Extension Southeast Missouri Crop Budget

2015 Center Pivot Irrigated Grain Sorghum Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.2	Bags	125.00	25.00	
Nitrogen	150	Pounds	0.48	72.00	
Phosphate	70	Pounds	0.40	28.00	
Potash	45	Pounds	0.38	17.10	
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	26.00	26.00	
Post-Emerge	1	Acre	3.00	3.00	
Fungicide	0	Acre	0.00	-	
Insecticide	1	Acre	5.00	5.00	
Drying Fuel & Electricity*	130	Bushels	0.18	23.40	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	22.00	22.00	
Machinery Repairs	1	Acre	15.00	15.00	
Hauling & Transportation*	130	Bushels	0.20	26.00	
Irrigation Fuel (Acre Inches)	10	Acre	3.00	30.00	
Irrigation Repairs	1	Acre	10.00	10.00	
Labor	1	Acre	33.00	33.00	
Irrigation Labor	1	Acre	4.00	4.00	
Custom Application	1	Acre	6.50	6.50	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	11.46	
Total Variable		Acre		\$ 393.46	
Fixed Machinery Cost	1	Acre	47.00	47.00	
Fixed Buildings & Bins Cost	1	Acre	18.00	18.00	
Fixed Irrigation Cost	1	Acre	77.00	77.00	
Total (Excluding Land)		Acre		\$ 535.46	
Land Real Estate Taxes	1	Acre	0.20%	11.60	
Land Interest	5800	Acre	2.75%	159.50	
Total Cost		Acre		\$ 706.56	

* 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	\$3.82	\$5.24	\$6.95	170	\$2.40	\$3.24	\$4.25
110	\$3.51	\$4.80	\$6.35	180	\$2.29	\$3.08	\$4.03
120	\$3.25	\$4.43	\$5.86	190	\$2.19	\$2.94	\$3.84
130	\$3.03	\$4.12	\$5.44	200	\$2.10	\$2.81	\$3.67
140	\$2.84	\$3.85	\$5.07	210	\$2.02	\$2.69	\$3.51
150	\$2.67	\$3.62	\$4.76	220	\$1.94	\$2.59	\$3.37
160	\$2.53	\$3.42	\$4.49	230	\$1.88	\$2.49	\$3.24

University of Missouri Extension Southeast Missouri Crop Budget

2015 Wheat Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	2.25	Bags	19.00	42.75	
Nitrogen	100	Pounds	0.48	48.00	
Phosphate	40	Pounds	0.40	16.00	
Potash	20	Pounds	0.38	7.60	
Limestone	0.25	Tons	28.00	7.00	
Starter Fertilizer	0	Acre	0.00	-	
Zinc	0	Pounds	0.00	-	
Sulfur	15	Pounds	0.35	5.25	
Boron	0	Pounds	0.00	-	
Post-Emerge - Ryegrass	1	Acre	17.00	17.00	
Post-Emerge - Broadleaf	1	Acre	10.00	10.00	
Fungicide	1	Acre	15.00	15.00	
Insecticide	2	Acre	5.00	10.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	6.00	6.00	
Machinery Fuel	1	Acre	11.00	11.00	
Machinery Repairs	1	Acre	8.00	8.00	
Hauling & Transportation*	70	Bushels	0.20	14.00	
Irrigation Fuel (Acre Inches)	0	Acre	3.00	-	
Irrigation Repairs	0	Acre	10.00	-	
Labor	1	Acre	16.00	16.00	
Irrigation Labor	0	Acre	4.00	-	
Custom Application	1	Acre	6.50	6.50	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	7.50	
Total Variable		Acre		\$ 257.60	
Fixed Machinery Cost	1	Acre	28.00	28.00	
Fixed Buildings & Bins Cost	1	Acre	3.00	3.00	
Fixed Irrigation Cost	0	Acre	77.00	-	
Total (Excluding Land)		Acre		\$ 288.60	
Land Real Estate Taxes	1	Acre	0.20%	5.80	
Land Interest	2900	Acre	2.75%	79.75	
Total Cost		Acre		\$ 374.15	

* 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	\$6.29	\$7.07	\$9.20	75	\$3.45	\$3.86	\$5.00
45	\$5.61	\$6.30	\$8.20	80	\$3.25	\$3.63	\$4.70
50	\$5.07	\$5.69	\$7.40	85	\$3.07	\$3.43	\$4.44
55	\$4.63	\$5.19	\$6.75	90	\$2.91	\$3.25	\$4.20
60	\$4.26	\$4.78	\$6.20	95	\$2.76	\$3.09	\$3.99
65	\$3.95	\$4.42	\$5.74	100	\$2.64	\$2.95	\$3.80
70	\$3.68	\$4.12	\$5.35	105	\$2.52	\$2.82	\$3.63

University of Missouri Extension Southeast Missouri Crop Budget 2015 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	0.48	88.80	
Phosphate	80	Pounds	0.40	32.00	
Potash	60	Pounds	0.38	22.80	
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	22.00	22.00	
Fungicide	1	Acre	15.00	15.00	
Insecticide	1	Acre	5.00	5.00	
Drying Fuel & Electricity*	0	Bushels	0.18	-	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	23.00	23.00	
Machinery Repairs	1	Acre	17.00	17.00	
Hauling & Transportation*	5000	Pounds	0.0015	7.50	
Irrigation Fuel (Acre Inches)	12	Acre	3.00	36.00	
Irrigation Repairs	1	Acre	15.00	15.00	
Labor	1	Acre	35.00	35.00	
Irrigation Labor	1	Acre	4.00	4.00	
Custom Application	1	Acre	6.50	6.50	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	13.16	
Total Variable		Acre		\$ 451.76	
Fixed Machinery Cost	1	Acre	52.00	52.00	
Fixed Buildings & Bins Cost	1	Acre	3.00	3.00	
Fixed Irrigation Cost	1	Acre	77.00	77.00	
Total (Excluding Land)		Acre		\$ 583.76	
Land Real Estate Taxes	1	Acre	0.20%	11.60	
Land Interest	5800	Acre	2.75%	159.50	
Total Cost		Acre		\$ 754.86	

* 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	\$0.150	\$0.194	\$0.251	4750	\$0.095	\$0.123	\$0.159
3250	\$0.138	\$0.179	\$0.231	5000	\$0.090	\$0.117	\$0.151
3500	\$0.128	\$0.166	\$0.215	5250	\$0.086	\$0.111	\$0.144
3750	\$0.120	\$0.155	\$0.201	5500	\$0.082	\$0.106	\$0.137
4000	\$0.113	\$0.146	\$0.188	5750	\$0.079	\$0.102	\$0.131
4250	\$0.106	\$0.137	\$0.177	6000	\$0.076	\$0.098	\$0.126
4500	\$0.100	\$0.130	\$0.168	6250	\$0.073	\$0.094	\$0.121

**University of Missouri Extension Southeast Missouri Crop Budget
2015 GMO Cotton Budget**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed**	1	Acre	120.00	120.00	
Nitrogen	80	Pounds	0.48	38.40	
Phosphate	40	Pounds	0.40	16.00	
Potash	35	Pounds	0.38	13.30	
Limestone	0.5	Tons	28.00	14.00	
Sulfur	0	Pounds	0.00	-	
Boron	1	Pounds	6.00	6.00	
Early Post with Residual	1	Acre	37.00	37.00	
Post-Emerge - Glyphosate	2	Acre	6.00	12.00	
Post-Emerge - Layby	1	Acre	14.00	14.00	
Insecticide	1	Acre	32.00	32.00	
Boll Weevil Eradication	0	Acre	5.00	-	
Growth Regulator	1	Acre	5.00	5.00	
Defoliation	1	Acre	18.00	18.00	
Ginning (changes with Yield)	0	Pounds	0.00	-	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	31.00	31.00	
Machinery Repairs	1	Acre	30.00	30.00	
Irrigation Fuel (Acre Inches)	0	Acre	3.00	-	
Irrigation Repairs	0	Acre	10.00	-	
Labor	1	Acre	42.00	42.00	
Scout	1	Acre	8.00	8.00	
Irrigation Labor	0	Acre	4.00	-	
Custom Application	2	Acre	6.50	13.00	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	14.15	
Total Variable		Acre		\$ 485.85	
Fixed Machinery Cost	1	Acre	107.00	107.00	
Fixed Buildings & Bins Cost	1	Acre	3.00	3.00	
Fixed Irrigation Cost	0	Acre	77.00	-	
Total (Excluding Land)		Acre		\$ 595.85	
Land Real Estate Taxes	1	Acre	0.20%	11.60	
Land Interest	5800	Acre	2.75%	159.50	
Total Cost		Acre		\$ 766.95	

**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	\$1.012	\$1.241	\$1.598	900	\$0.540	\$0.662	\$0.852
540	\$0.900	\$1.103	\$1.420	960	\$0.506	\$0.621	\$0.799
600	\$0.810	\$0.993	\$1.278	1020	\$0.476	\$0.584	\$0.752
660	\$0.736	\$0.903	\$1.162	1080	\$0.450	\$0.552	\$0.710
720	\$0.675	\$0.828	\$1.065	1140	\$0.426	\$0.523	\$0.673
780	\$0.623	\$0.764	\$0.983	1200	\$0.405	\$0.497	\$0.639
840	\$0.578	\$0.709	\$0.913	1260	\$0.386	\$0.473	\$0.609

**University of Missouri Extension Southeast Missouri Crop Budget
2015 Center Pivot Irr. GMO Cotton**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed**	1	Acre	120.00	120.00	
Nitrogen	80	Pounds	0.48	38.40	
Phosphate	50	Pounds	0.40	20.00	
Potash	45	Pounds	0.38	17.10	
Limestone	0.5	Tons	28.00	14.00	
Sulfur	0	Pounds	0.00	-	
Boron	1	Pounds	6.00	6.00	
Early Post with Residual	1	Acre	37.00	37.00	
Post-Emerge - Glyphosate	2	Acre	6.00	12.00	
Post-Emerge - Layby	1	Acre	14.00	14.00	
Insecticide	1	Acre	32.00	32.00	
Boll Weevil Eradication	0	Acre	5.00	-	
Growth Regulator	2	Acre	5.00	10.00	
Defoliation	1	Acre	18.00	18.00	
Ginning (changes with Yield)	0	Pounds	0.00	-	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	31.00	31.00	
Machinery Repairs	1	Acre	30.00	30.00	
Irrigation Fuel (Acre Inches)	9	Acre	3.00	27.00	
Irrigation Repairs	1	Acre	10.00	10.00	
Labor	1	Acre	42.00	42.00	
Scout	1	Acre	8.00	8.00	
Irrigation Labor	1	Acre	4.00	4.00	
Custom Application	2	Acre	6.50	13.00	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	15.77	
Total Variable		Acre		\$ 541.27	
Fixed Machinery Cost	1	Acre	107.00	107.00	
Fixed Buildings & Bins Cost	1	Acre	3.00	3.00	
Fixed Irrigation Cost	1	Acre	77.00	77.00	
Total (Excluding Land)		Acre		\$ 728.27	
Land Real Estate Taxes	1	Acre	0.20%	11.60	
Land Interest	5800	Acre	2.75%	159.50	
Total Cost		Acre		\$ 899.37	

**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	\$0.752	\$1.011	\$1.249	1140	\$0.475	\$0.639	\$0.789
780	\$0.694	\$0.934	\$1.153	1200	\$0.451	\$0.607	\$0.749
840	\$0.644	\$0.867	\$1.071	1260	\$0.430	\$0.578	\$0.714
900	\$0.601	\$0.809	\$0.999	1320	\$0.410	\$0.552	\$0.681
960	\$0.564	\$0.759	\$0.937	1380	\$0.392	\$0.528	\$0.652
1020	\$0.531	\$0.714	\$0.882	1440	\$0.376	\$0.506	\$0.625
1080	\$0.501	\$0.674	\$0.833	1500	\$0.361	\$0.486	\$0.600

**University of Missouri Extension Southeast Missouri Crop Budget
2015 Rice Budget - Conventional Variety**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	65	Pounds	0.40	26.00	
Nitrogen	150	Pounds	0.48	72.00	
Phosphate	50	Pounds	0.40	20.00	
Potash	30	Pounds	0.38	11.40	
Limestone	0	Tons	28.00	-	
Zinc	3	Pounds	2.00	6.00	
Sulfur	0	Pounds	0.00	-	
Fungicide	1	Acre	28.00	28.00	
Pre-Emerge	1	Acre	19.00	19.00	
Post-Emerge	1	Acre	55.00	55.00	
Insecticide	0	Acre	0.00	-	
Drying (Custom/Bushel)*	160	Bushels	0.30	48.00	
Hauling & Transportation*	160	Bushels	0.20	32.00	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	28.00	28.00	
Machinery Repairs	1	Acre	19.00	19.00	
Irrigation Fuel	1	Acre	60.00	60.00	
Irrigation Repairs	1	Acre	10.00	10.00	
Labor	1	Acre	42.00	42.00	
Scout	1	Acre	8.00	8.00	
Irrigation Labor	1	Acre	7.00	7.00	
Custom Application	4	Acre	6.50	26.00	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	16.18	
Total Variable		Acre		\$ 555.58	
Fixed Machinery Cost	1	Acre	64.00	64.00	
Fixed Buildings & Bins Cost	1	Acre	15.00	15.00	
Fixed Irrigation Cost	1	Acre	67.00	67.00	
Total (Excluding Land)		Acre		\$ 701.58	
Land Real Estate Taxes	1	Acre	0.20%	11.60	
Land Interest	5800	Acre	2.75%	159.50	
Total Cost		Acre		\$ 872.68	

* 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
100	\$5.26	\$6.72	\$8.43	170	\$3.30	\$4.16	\$5.16
110	\$4.82	\$6.15	\$7.71	180	\$3.14	\$3.95	\$4.90
120	\$4.46	\$5.68	\$7.11	190	\$3.00	\$3.77	\$4.67
130	\$4.16	\$5.28	\$6.60	200	\$2.88	\$3.61	\$4.46
140	\$3.90	\$4.94	\$6.16	210	\$2.76	\$3.46	\$4.27
150	\$3.67	\$4.64	\$5.78	220	\$2.66	\$3.33	\$4.10
160	\$3.47	\$4.38	\$5.45	230	\$2.57	\$3.20	\$3.95

University of Missouri Extension Southeast Missouri Crop Budget 2015 Rice Budget - Clearfield

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed + Tech fee	65	Pounds	1.15	86.75	
Nitrogen	150	Pounds	0.48	72.00	
Phosphate	50	Pounds	0.40	20.00	
Potash	30	Pounds	0.38	11.40	
Limestone	0	Tons	28.00	-	
Zinc	3	Pounds	2.00	6.00	
Sulfur	0	Pounds	0.00	-	
Fungicide	1	Acre	28.00	28.00	
Pre/Post-Emerge	1	Acre	40.00	40.00	
Post-Emerge	1	Acre	35.00	35.00	
Insecticide	0	Acre	0.00	-	
Drying (Custom/Bushel)*	160	Bushels	0.30	48.00	
Hauling & Transportation*	160	Bushels	0.20	32.00	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	28.00	28.00	
Machinery Repairs	1	Acre	19.00	19.00	
Irrigation Fuel	1	Acre	60.00	60.00	
Irrigation Repairs	1	Acre	10.00	10.00	
Labor	1	Acre	42.00	42.00	
Scout	1	Acre	8.00	8.00	
Irrigation Labor	1	Acre	7.00	7.00	
Custom Application	4	Acre	6.50	26.00	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	18.03	
Total Variable		Acre		\$ 619.18	
Fixed Machinery Cost	1	Acre	64.00	64.00	
Fixed Buildings & Bins Cost	1	Acre	15.00	15.00	
Fixed Irrigation Cost	1	Acre	67.00	67.00	
Total (Excluding Land)		Acre		\$ 765.18	
Land Real Estate Taxes	1	Acre	0.20%	11.60	
Land Interest	5800	Acre	2.75%	159.50	
Total Cost		Acre		\$ 936.28	

* 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
100	\$5.89	\$7.35	\$9.06	170	\$3.67	\$4.53	\$5.54
110	\$5.40	\$6.73	\$8.28	180	\$3.50	\$4.31	\$5.26
120	\$4.99	\$6.21	\$7.64	190	\$3.34	\$4.11	\$5.01
130	\$4.65	\$5.77	\$7.09	200	\$3.20	\$3.93	\$4.78
140	\$4.35	\$5.39	\$6.62	210	\$3.07	\$3.76	\$4.58
150	\$4.09	\$5.07	\$6.21	220	\$2.95	\$3.61	\$4.39
160	\$3.87	\$4.78	\$5.85	230	\$2.84	\$3.48	\$4.22

University of Missouri Extension Southeast Missouri Crop Budget

2015 Hybrid Rice Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1	Unit	118.00	118.00	
Nitrogen	150	Pounds	0.48	72.00	
Phosphate	55	Pounds	0.40	22.00	
Potash	30	Pounds	0.38	11.40	
Limestone	0	Tons	28.00	-	
Zinc	3	Pounds	2.00	6.00	
Sulfur	0	Pounds	0.00	-	
Fungicide	0	Ounces	28.00	-	
Pre-Emerge	1	Acre	19.00	19.00	
Post-Emerge	1	Acre	55.00	55.00	
Insecticide	0	Acre	0.00	-	
Drying (Custom/Bushel)*	180	Bushels	0.30	54.00	
Hauling & Transportation*	180	Bushels	0.20	36.00	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	28.00	28.00	
Machinery Repairs	1	Acre	19.00	19.00	
Irrigation Fuel	1	Acre	60.00	60.00	
Irrigation Repairs	1	Acre	10.00	10.00	
Labor	1	Acre	42.00	42.00	
Scout	1	Acre	8.00	8.00	
Irrigation Labor	1	Acre	7.00	7.00	
Custom Application	3	Acre	6.50	19.50	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	18.27	
Total Variable		Acre		\$ 627.17	
Fixed Machinery Cost	1	Acre	64.00	64.00	
Fixed Buildings & Bins Cost	1	Acre	17.00	17.00	
Fixed Irrigation Cost	1	Acre	67.00	67.00	
Total (Excluding Land)		Acre		\$ 775.17	
Land Real Estate Taxes	1	Acre	0.20%	11.60	
Land Interest	5800	Acre	2.75%	159.50	
Total Cost		Acre		\$ 946.27	

* 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
120	\$4.98	\$6.21	\$7.64	190	\$3.33	\$4.11	\$5.01
130	\$4.63	\$5.77	\$7.09	200	\$3.19	\$3.93	\$4.78
140	\$4.34	\$5.39	\$6.62	210	\$3.06	\$3.76	\$4.58
150	\$4.08	\$5.07	\$6.21	220	\$2.94	\$3.61	\$4.39
160	\$3.86	\$4.78	\$5.85	230	\$2.84	\$3.48	\$4.22
170	\$3.66	\$4.53	\$5.54	240	\$2.74	\$3.35	\$4.07
180	\$3.48	\$4.31	\$5.26	250	\$2.65	\$3.24	\$3.93

**University of Missouri Extension Southeast Missouri Crop Budget
2015 Hybrid Rice Budget - Clearfield**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed + Tech Fee	1	Unit	144.00	144.00	
Nitrogen	150	Pounds	0.48	72.00	
Phosphate	55	Pounds	0.40	22.00	
Potash	30	Pounds	0.38	11.40	
Limestone	0	Tons	28.00	-	
Zinc	3	Pounds	2.00	6.00	
Sulfur	0	Pounds	0.00	-	
Fungicide	0	Ounces	28.00	-	
Pre/Post-Emerge	1	Acre	19.00	19.00	
Post-Emerge	1	Acre	55.00	55.00	
Insecticide	0	Acre	0.00	-	
Drying (Custom/Bushel)*	180	Bushels	0.30	54.00	
Hauling & Transportation*	180	Bushels	0.20	36.00	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	28.00	28.00	
Machinery Repairs	1	Acre	19.00	19.00	
Irrigation Fuel	1	Acre	60.00	60.00	
Irrigation Repairs	1	Acre	10.00	10.00	
Labor	1	Acre	42.00	42.00	
Scout	1	Acre	8.00	8.00	
Irrigation Labor	1	Acre	7.00	7.00	
Custom Application	3	Acre	6.50	19.50	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	19.05	
Total Variable		Acre		\$ 653.95	
Fixed Machinery Cost	1	Acre	64.00	64.00	
Fixed Buildings & Bins Cost	1	Acre	17.00	17.00	
Fixed Irrigation Cost	1	Acre	67.00	67.00	
Total (Excluding Land)		Acre		\$ 801.95	
Land Real Estate Taxes	1	Acre	0.20%	11.60	
Land Interest	5800	Acre	2.75%	159.50	
Total Cost		Acre		\$ 973.05	

* 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
120	\$5.20	\$6.43	\$7.86	190	\$3.47	\$4.25	\$5.15
130	\$4.84	\$5.98	\$7.29	200	\$3.32	\$4.06	\$4.92
140	\$4.53	\$5.59	\$6.81	210	\$3.19	\$3.89	\$4.70
150	\$4.26	\$5.25	\$6.39	220	\$3.06	\$3.74	\$4.51
160	\$4.02	\$4.95	\$6.02	230	\$2.95	\$3.60	\$4.34
170	\$3.82	\$4.69	\$5.69	240	\$2.85	\$3.47	\$4.18
180	\$3.63	\$4.46	\$5.41	250	\$2.76	\$3.35	\$4.03

University of Missouri Extension Southeast Missouri Crop Budget 2015 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	62.00	74.40	
Nitrogen	0	Pounds	0.48	-	
Phosphate	30	Pounds	0.40	12.00	
Potash	50	Pounds	0.38	19.00	
Limestone	0.25	Tons	28.00	7.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	15.00	15.00	
Insecticide	1	Acre	18.00	18.00	
Burn Down Herbicides	1	Acre	6.00	6.00	
Pre-Emerge	1	Acre	18.00	18.00	
Post-Emerge	1	Acre	24.00	24.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	6.00	6.00	
Machinery Fuel	1	Acre	9.00	9.00	
Machinery Repairs	1	Acre	7.00	7.00	
Hauling & Transportation*	35	Bushels	0.20	7.00	
Irrigation Fuel (Acre Inches)	0	Acre	3.00	-	
Irrigation Repairs	0	Acre	10.00	-	
Labor	1	Acre	13.00	13.00	
Irrigation Labor	0	Acre	4.00	-	
Custom Application	1	Acre	6.50	6.50	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	7.56	
Total Variable		Acre		\$ 259.46	
Fixed Machinery Cost	1	Acre	25.00	25.00	
Fixed Buildings & Bins Cost	1	Acre	6.00	6.00	
Fixed Irrigation Cost	0	Acre	77.00	-	
Total (Excluding Land)		Acre		\$ 290.46	
Land Real Estate Taxes	1	Acre	0.20%	5.80	
Land Interest	2900	Acre	2.75%	79.75	
Total Cost		Acre		\$ 376.01	

* 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	\$12.82	\$14.37	\$18.65	55	\$4.79	\$5.35	\$6.91
25	\$10.30	\$11.54	\$14.96	60	\$4.41	\$4.92	\$6.35
30	\$8.62	\$9.65	\$12.50	65	\$4.08	\$4.56	\$5.88
35	\$7.41	\$8.30	\$10.74	70	\$3.81	\$4.25	\$5.47
40	\$6.51	\$7.29	\$9.43	75	\$3.57	\$3.98	\$5.12
45	\$5.81	\$6.50	\$8.40	80	\$3.36	\$3.74	\$4.81
50	\$5.25	\$5.87	\$7.58	85	\$3.17	\$3.53	\$4.54

University of Missouri Extension Southeast Missouri Crop Budget 2015 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	62.00	74.40	
Nitrogen	0	Pounds	0.48	-	
Phosphate	40	Pounds	0.40	16.00	
Potash	65	Pounds	0.38	24.70	
Limestone	0.25	Tons	28.00	7.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	15.00	15.00	
Insecticide	1	Acre	18.00	18.00	
Burn Down Herbicides	1	Acre	6.00	6.00	
Pre-Emerge	1	Acre	18.00	18.00	
Post-Emerge	1	Acre	24.00	24.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	6.00	6.00	
Machinery Fuel	1	Acre	9.00	9.00	
Machinery Repairs	1	Acre	7.00	7.00	
Hauling & Transportation*	45	Bushels	0.20	9.00	
Irrigation Fuel (Acre Inches)	8	Acre	3.00	24.00	
Irrigation Repairs	1	Acre	10.00	10.00	
Labor	1	Acre	13.00	13.00	
Irrigation Labor	1	Acre	4.00	4.00	
Custom Application	1	Acre	6.50	6.50	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	9.05	
Total Variable		Acre		\$ 310.65	
Fixed Machinery Cost	1	Acre	25.00	25.00	
Fixed Buildings & Bins Cost	1	Acre	7.00	7.00	
Fixed Irrigation Cost	1	Acre	77.00	77.00	
Total (Excluding Land)		Acre		\$ 419.65	
Land Real Estate Taxes	1	Acre	0.20%	5.80	
Land Interest	2900	Acre	2.75%	79.75	
Total Cost		Acre		\$ 505.20	

* 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	\$15.28	\$20.73	\$25.01	55	\$5.68	\$7.67	\$9.22
25	\$12.27	\$16.63	\$20.05	60	\$5.23	\$7.04	\$8.47
30	\$10.25	\$13.89	\$16.74	65	\$4.84	\$6.52	\$7.83
35	\$8.82	\$11.93	\$14.38	70	\$4.51	\$6.07	\$7.29
40	\$7.74	\$10.47	\$12.60	75	\$4.22	\$5.68	\$6.82
45	\$6.90	\$9.33	\$11.23	80	\$3.97	\$5.33	\$6.40
50	\$6.23	\$8.41	\$10.12	85	\$3.75	\$5.03	\$6.04

University of Missouri Extension Southeast Missouri Crop Budget 2015 No-Till Double Crop Conventional Soybean

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.2	Bags	43.00	51.60	
Nitrogen	0	Pounds	0.48	-	
Phosphate	30	Pounds	0.40	12.00	
Potash	50	Pounds	0.38	19.00	
Limestone	0.25	Tons	28.00	7.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	15.00	15.00	
Insecticide	1	Acre	18.00	18.00	
Burn Down Herbicides	1	Acre	6.00	6.00	
Pre-Emerge	1	Acre	18.00	18.00	
Post-Emerge	1	Acre	22.00	22.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	6.00	6.00	
Machinery Fuel	1	Acre	9.00	9.00	
Machinery Repairs	1	Acre	7.00	7.00	
Hauling & Transportation*	35	Bushels	0.20	7.00	
Irrigation Fuel (Acre Inches)	0	Acre	3.00	-	
Irrigation Repairs	0	Acre	10.00	-	
Labor	1	Acre	13.00	13.00	
Irrigation Labor	0	Acre	4.00	-	
Custom Application	1	Acre	6.50	6.50	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	6.81	
Total Variable		Acre		\$ 233.91	
Fixed Machinery Cost	1	Acre	25.00	25.00	
Fixed Buildings & Bins Cost	1	Acre	6.00	6.00	
Fixed Irrigation Cost	0	Acre	77.00	-	
Total (Excluding Land)		Acre		\$ 264.91	
Land Real Estate Taxes	1	Acre	0.20%	5.80	
Land Interest	2900	Acre	2.75%	79.75	
Total Cost		Acre		\$ 350.46	

* 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	\$11.55	\$13.10	\$17.37	55	\$4.33	\$4.89	\$6.44
25	\$9.28	\$10.52	\$13.94	60	\$3.98	\$4.50	\$5.92
30	\$7.76	\$8.80	\$11.65	65	\$3.69	\$4.17	\$5.48
35	\$6.68	\$7.57	\$10.01	70	\$3.44	\$3.88	\$5.11
40	\$5.87	\$6.65	\$8.79	75	\$3.23	\$3.64	\$4.78
45	\$5.24	\$5.93	\$7.83	80	\$3.04	\$3.42	\$4.49
50	\$4.74	\$5.36	\$7.07	85	\$2.87	\$3.23	\$4.24

University of Missouri Extension Southeast Missouri Crop Budget 2015 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	43.00	51.60	
Nitrogen	0	Pounds	0.48	-	
Phosphate	40	Pounds	0.40	16.00	
Potash	65	Pounds	0.38	24.70	
Limestone	0.25	Tons	28.00	7.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	15.00	15.00	
Insecticide	1	Acre	18.00	18.00	
Burn Down Herbicides	1	Acre	6.00	6.00	
Pre-Emerge	1	Acre	18.00	18.00	
Post-Emerge	1	Acre	22.00	22.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	6.00	6.00	
Machinery Fuel	1	Acre	9.00	9.00	
Machinery Repairs	1	Acre	7.00	7.00	
Hauling & Transportation*	45	Bushels	0.20	9.00	
Irrigation Fuel (Acre Inches)	8	Acre	3.00	24.00	
Irrigation Repairs	1	Acre	10.00	10.00	
Labor	1	Acre	13.00	13.00	
Irrigation Labor	1	Acre	4.00	4.00	
Custom Application	1	Acre	6.50	6.50	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	8.30	
Total Variable		Acre		\$ 285.10	
Fixed Machinery Cost	1	Acre	25.00	25.00	
Fixed Buildings & Bins Cost	1	Acre	7.00	7.00	
Fixed Irrigation Cost	1	Acre	77.00	77.00	
Total (Excluding Land)		Acre		\$ 394.10	
Land Real Estate Taxes	1	Acre	0.20%	5.80	
Land Interest	2900	Acre	2.75%	79.75	
Total Cost		Acre		\$ 479.65	

* 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	\$14.01	\$19.46	\$23.73	55	\$5.22	\$7.20	\$8.76
25	\$11.24	\$15.60	\$19.03	60	\$4.80	\$6.62	\$8.04
30	\$9.40	\$13.04	\$15.89	65	\$4.45	\$6.12	\$7.44
35	\$8.09	\$11.20	\$13.65	70	\$4.14	\$5.70	\$6.92
40	\$7.10	\$9.83	\$11.97	75	\$3.88	\$5.33	\$6.48
45	\$6.34	\$8.76	\$10.66	80	\$3.65	\$5.01	\$6.08
50	\$5.72	\$7.90	\$9.61	85	\$3.45	\$4.73	\$5.74

University of Missouri Extension Southeast Missouri Crop Budget

2015 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	58.00	69.60	
Nitrogen	0	Pounds	0.48	-	
Phosphate	30	Pounds	0.40	12.00	
Potash	50	Pounds	0.38	19.00	
Limestone	0.25	Tons	28.00	7.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	15.00	15.00	
Insecticide	1	Acre	18.00	18.00	
Burn Down Herbicides	1	Quarts	6.00	6.00	
Pre-Emerge	1	Acre	18.00	18.00	
Post-Emerge - Libery	36	Ounces	0.64	23.04	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	6.00	6.00	
Machinery Fuel	1	Acre	9.00	9.00	
Machinery Repairs	1	Acre	7.00	7.00	
Hauling & Transportation*	35	Bushels	0.20	7.00	
Irrigation Fuel (Acre Inches)	0	Acre	3.00	-	
Irrigation Repairs	0	Acre	10.00	-	
Labor	1	Acre	13.00	13.00	
Irrigation Labor	0	Acre	4.00	-	
Custom Application	1	Acre	6.50	6.50	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	7.38	
Total Variable		Acre		\$ 253.52	
Fixed Machinery Cost	1	Acre	25.00	25.00	
Fixed Buildings & Bins Cost	1	Acre	6.00	6.00	
Fixed Irrigation Cost	0	Acre	77.00	-	
Total (Excluding Land)		Acre		\$ 284.52	
Land Real Estate Taxes	1	Acre	0.20%	5.80	
Land Interest	2900	Acre	2.75%	79.75	
Total Cost		Acre		\$ 370.07	

* 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	\$12.53	\$14.08	\$18.35	55	\$4.68	\$5.25	\$6.80
25	\$10.06	\$11.30	\$14.72	60	\$4.31	\$4.83	\$6.25
30	\$8.42	\$9.45	\$12.30	65	\$3.99	\$4.47	\$5.79
35	\$7.24	\$8.13	\$10.57	70	\$3.72	\$4.16	\$5.39
40	\$6.36	\$7.14	\$9.28	75	\$3.49	\$3.90	\$5.04
45	\$5.68	\$6.37	\$8.27	80	\$3.28	\$3.67	\$4.74
50	\$5.13	\$5.75	\$7.46	85	\$3.10	\$3.46	\$4.47

University of Missouri Extension Southeast Missouri Crop Budget 2015 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	58.00	69.60	
Nitrogen	0	Pounds	0.48	-	
Phosphate	40	Pounds	0.40	16.00	
Potash	65	Pounds	0.38	24.70	
Limestone	0.25	Tons	28.00	7.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	15.00	15.00	
Insecticide	1	Acre	18.00	18.00	
Burn Down Herbicides	1	Quarts	6.00	6.00	
Pre-Emerge	1	Acre	18.00	18.00	
Post-Emerge - Libery	36	Ounces	0.64	23.04	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	6.00	6.00	
Machinery Fuel	1	Acre	9.00	9.00	
Machinery Repairs	1	Acre	7.00	7.00	
Hauling & Transportation*	45	Bushels	0.20	9.00	
Irrigation Fuel (Acre Inches)	8	Acre	3.00	24.00	
Irrigation Repairs	1	Acre	10.00	10.00	
Labor	1	Acre	13.00	13.00	
Irrigation Labor	1	Acre	4.00	4.00	
Custom Application	1	Acre	6.50	6.50	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	8.88	
Total Variable		Acre		\$ 304.72	
Fixed Machinery Cost	1	Acre	25.00	25.00	
Fixed Buildings & Bins Cost	1	Acre	7.00	7.00	
Fixed Irrigation Cost	1	Acre	77.00	77.00	
Total (Excluding Land)		Acre		\$ 413.72	
Land Real Estate Taxes	1	Acre	0.20%	5.80	
Land Interest	2900	Acre	2.75%	79.75	
Total Cost		Acre		\$ 499.27	

* 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
20	\$14.99	\$20.44	\$24.71	55	\$5.58	\$7.56	\$9.11
25	\$12.03	\$16.39	\$19.81	60	\$5.13	\$6.95	\$8.37
30	\$10.06	\$13.69	\$16.54	65	\$4.75	\$6.43	\$7.74
35	\$8.65	\$11.76	\$14.21	70	\$4.42	\$5.98	\$7.20
40	\$7.59	\$10.32	\$12.46	75	\$4.14	\$5.60	\$6.74
45	\$6.77	\$9.19	\$11.09	80	\$3.90	\$5.26	\$6.33
50	\$6.11	\$8.29	\$10.01	85	\$3.68	\$4.96	\$5.97

University of Missouri Extension Southeast Missouri Crop Budget

2015 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	125.00	20.00	
Nitrogen	90	Pounds	0.48	43.20	
Phosphate	40	Pounds	0.40	16.00	
Potash	25	Pounds	0.38	9.50	
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	6.00	6.00	
Pre-Emerge	1	Acre	26.00	26.00	
Post-Emerge	1	Acre	3.00	3.00	
Fungicide	0	Acre	0.00	-	
Insecticide	1	Acre	18.00	18.00	
Drying Fuel & Electricity*	70	Bushels	0.18	12.60	
Miscellaneous Overhead	1	Acre	6.00	6.00	
Machinery Fuel	1	Acre	14.00	14.00	
Machinery Repairs	1	Acre	14.00	14.00	
Hauling & Transportation*	70	Bushels	0.20	14.00	
Irrigation Fuel (Acre Inches)	0	Acre	3.00	-	
Irrigation Repairs	0	Acre	10.00	-	
Labor	1	Acre	25.00	25.00	
Irrigation Labor	0	Acre	4.00	-	
Custom Application	2	Acre	6.50	13.00	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	7.72	
Total Variable		Acre		\$ 265.02	
Fixed Machinery Cost	1	Acre	38.00	38.00	
Fixed Buildings & Bins Cost	1	Acre	12.00	12.00	
Fixed Irrigation Cost	0	Acre	77.00	-	
Total (Excluding Land)		Acre		\$ 315.02	
Land Real Estate Taxes	1	Acre	0.20%	5.80	
Land Interest	2900	Acre	2.75%	79.75	
Total Cost		Acre		\$ 400.57	

* 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	\$5.15	\$6.15	\$7.86	120	\$2.37	\$2.78	\$3.50
60	\$4.35	\$5.19	\$6.61	130	\$2.21	\$2.60	\$3.26
70	\$3.79	\$4.50	\$5.72	140	\$2.08	\$2.44	\$3.05
80	\$3.36	\$3.99	\$5.05	150	\$1.97	\$2.30	\$2.87
90	\$3.03	\$3.58	\$4.54	160	\$1.87	\$2.18	\$2.72
100	\$2.76	\$3.26	\$4.12	170	\$1.78	\$2.08	\$2.58
110	\$2.55	\$3.00	\$3.78	180	\$1.70	\$1.98	\$2.46

University of Missouri Extension Southeast Missouri Crop Budget 2015 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	125.00	25.00	
Nitrogen	125	Pounds	0.48	60.00	
Phosphate	60	Pounds	0.40	24.00	
Potash	40	Pounds	0.38	15.20	
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	6.00	6.00	
Pre-Emerge	1	Acre	28.00	28.00	
Post-Emerge	1	Acre	3.00	3.00	
Fungicide	0	Acre	0.00	-	
Insecticide	1	Acre	18.00	18.00	
Drying Fuel & Electricity*	110	Bushels	0.18	19.80	
Miscellaneous Overhead	1	Acre	6.00	6.00	
Machinery Fuel	1	Acre	14.00	14.00	
Machinery Repairs	1	Acre	14.00	14.00	
Hauling & Transportation*	110	Bushels	0.20	22.00	
Irrigation Fuel (Acre Inches)	8	Acre	3.00	24.00	
Irrigation Repairs	1	Acre	10.00	10.00	
Labor	1	Acre	25.00	25.00	
Irrigation Labor	1	Acre	4.00	4.00	
Custom Application	2	Acre	6.50	13.00	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	10.44	
Total Variable		Acre		\$ 358.44	
Fixed Machinery Cost	1	Acre	38.00	38.00	
Fixed Buildings & Bins Cost	1	Acre	13.00	13.00	
Fixed Irrigation Cost	1	Acre	77.00	77.00	
Total (Excluding Land)		Acre		\$ 486.44	
Land Real Estate Taxes	1	Acre	0.20%	5.80	
Land Interest	2900	Acre	2.75%	79.75	
Total Cost		Acre		\$ 571.99	

* 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	\$4.90	\$6.73	\$7.95	140	\$2.64	\$3.56	\$4.17
80	\$4.34	\$5.94	\$7.01	150	\$2.49	\$3.34	\$3.91
90	\$3.90	\$5.32	\$6.27	160	\$2.36	\$3.16	\$3.69
100	\$3.55	\$4.83	\$5.68	170	\$2.24	\$3.00	\$3.50
110	\$3.26	\$4.42	\$5.20	180	\$2.14	\$2.85	\$3.33
120	\$3.02	\$4.09	\$4.80	190	\$2.05	\$2.72	\$3.17
130	\$2.82	\$3.80	\$4.46	200	\$1.96	\$2.60	\$3.03

University of Missouri Extension Southeast Missouri Crop Budget 2015 Double Crop Southern Pea Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	20	Pounds	1.10	22.00	
Nitrogen	0	Pounds	0.48	-	
Phosphate	30	Pounds	0.40	12.00	
Potash	50	Pounds	0.38	19.00	
Limestone	0.25	Tons	28.00	7.00	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Pre-Emerge	1	Acre	18.00	18.00	
Post-Emerge	0	Acre	0.00	-	
Insecticide	1	Acre	8.00	8.00	
Desiccation	1	Acre	6.00	6.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Hauling & Transportation*	1200	Pounds	0.004	4.80	
Miscellaneous Overhead	1	Acre	6.00	6.00	
Machinery Fuel	1	Acre	18.00	18.00	
Machinery Repairs	1	Acre	12.00	12.00	
Irrigation Fuel (Acre Inches)	0	Acre	3.00	-	
Irrigation Repairs	0	Acre	10.00	-	
Labor	1	Acre	28.00	28.00	
Irrigation Labor	0	Acre	4.00	-	
Custom Application	0	Acre	6.50	-	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	5.12	
Total Variable		Acre		\$ 175.92	
Fixed Machinery Cost	1	Acre	43.00	43.00	
Fixed Buildings & Bins Cost	1	Acre	3.00	3.00	
Fixed Irrigation Cost	0	Acre	77.00	-	
Total (Excluding Land)		Acre		\$ 221.92	
Land Real Estate Taxes	1	Acre	0.20%	5.80	
Land Interest	2900	Acre	2.75%	79.75	
Total Cost		Acre		\$ 307.47	

* 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	\$0.289	\$0.366	\$0.508	1300	\$0.136	\$0.171	\$0.237
700	\$0.248	\$0.314	\$0.436	1400	\$0.126	\$0.159	\$0.220
800	\$0.218	\$0.275	\$0.382	1500	\$0.118	\$0.149	\$0.206
900	\$0.194	\$0.245	\$0.340	1600	\$0.111	\$0.140	\$0.193
1000	\$0.175	\$0.221	\$0.307	1700	\$0.105	\$0.132	\$0.182
1100	\$0.160	\$0.201	\$0.279	1800	\$0.099	\$0.125	\$0.172
1200	\$0.147	\$0.185	\$0.256	1900	\$0.094	\$0.118	\$0.163

University of Missouri Extension Southeast Missouri Crop Budget 2015 Center Pivot Irrigated D. C. Southern Pea

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	20	Pounds	1.10	22.00	
Nitrogen	0	Pounds	0.48	-	
Phosphate	40	Pounds	0.40	16.00	
Potash	65	Pounds	0.38	24.70	
Limestone	0.25	Tons	28.00	7.00	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Pre-Emerge	1	Acre	18.00	18.00	
Post-Emerge	0	Acre	0.00	-	
Insecticide	1	Acre	8.00	8.00	
Desiccation	1	Acre	6.00	6.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Hauling & Transportation*	1600	Pounds	0.004	6.40	
Miscellaneous Overhead	1	Acre	6.00	6.00	
Machinery Fuel	1	Acre	18.00	18.00	
Machinery Repairs	1	Acre	12.00	12.00	
Irrigation Fuel (Acre Inches)	8	Acre	3.00	24.00	
Irrigation Repairs	1	Acre	10.00	10.00	
Labor	1	Acre	28.00	28.00	
Irrigation Labor	1	Acre	4.00	4.00	
Custom Application	0	Acre	6.50	-	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	6.60	
Total Variable		Acre		\$ 226.70	
Fixed Machinery Cost	1	Acre	43.00	43.00	
Fixed Buildings & Bins Cost	1	Acre	3.00	3.00	
Fixed Irrigation Cost	1	Acre	77.00	77.00	
Total (Excluding Land)		Acre		\$ 349.70	
Land Real Estate Taxes	1	Acre	0.20%	5.80	
Land Interest	2900	Acre	2.75%	79.75	
Total Cost		Acre		\$ 435.25	

* 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	\$0.224	\$0.347	\$0.433	1700	\$0.134	\$0.206	\$0.256
1100	\$0.204	\$0.316	\$0.394	1800	\$0.126	\$0.195	\$0.242
1200	\$0.188	\$0.290	\$0.361	1900	\$0.120	\$0.185	\$0.230
1300	\$0.173	\$0.268	\$0.334	2000	\$0.114	\$0.176	\$0.218
1400	\$0.161	\$0.249	\$0.310	2100	\$0.109	\$0.167	\$0.208
1500	\$0.151	\$0.233	\$0.290	2200	\$0.104	\$0.160	\$0.199
1600	\$0.142	\$0.219	\$0.272	2300	\$0.100	\$0.153	\$0.190

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

Crop 1 - Select Crop Below

Roundup Ready Soybeans

- GMO Corn ▲
- Irrigated GMO Corn ▲
- Liberty Link Soybeans ▼
- Irr. Liberty Link Soybeans ▼

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

Soybeans

Price Yield

\$9.43 45

▲	▲
▼	▼

Select Price and Yield
 For both crops

Crop 2 - Select Crop Below

GMO Corn

- Liberty Link Soybeans ▲
- Irr. Liberty Link Soybeans ▲
- Roundup Ready Soybeans ▼
- Irr. Roundup Ready Soybeans ▼

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

Corn

Price Yield

\$3.95 155

▲	▲
▼	▼

Price Yield

\$0.00 0

▲	▲
▼	▼

Variable Total
 Costs Cost

Crop 1 - Select Crop Below
 Roundup Ready Soybeans
 Crop 2 - Select Crop Below
 GMO Corn

\$ 270.27 \$ 482.37
 \$ 463.29 \$ 703.39

Roundup Ready Soybeans versus GMO Corn Equal returns Based on Variable Production Costs						
RR Soybeans yields with the same net income as				\$3.95 Corn		
Corn Yields	Soybeans		Prices			
	\$8.43	\$8.93	\$9.43	\$9.93	\$10.43	\$10.93
	Soybeans		Yields			
135	40	38	36	34	33	31
145	45	43	40	38	36	35
155	50	47	44	42	40	38
165	54	51	49	46	44	42
175	59	56	53	50	48	46

Roundup Ready Soybeans versus GMO Corn Equal returns Based on Variable Production Costs						
GMO Corn yields with the same net income as				\$9.43 Soybeans		
Soybeans Yields	Corn		Prices			
	\$3.45	\$3.70	\$3.95	\$4.20	\$4.45	\$4.70
	Corn		Yields			
35	152	141	132	125	118	111
40	165	154	144	136	128	121
45	179	167	156	147	139	131
50	193	180	168	158	149	141
55	206	192	180	169	160	151

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

Crop 1 - Select Crop Below

Roundup Ready Soybeans

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

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

Soybeans

Price Yield

\$9.43 45

▲ ▼ ▲ ▼

Select Price and Yield
 For both crops

Crop 2 - Select Crop Below

GMO Corn

Irrigated Non-GMO Corn
 GMO Corn
 Irrigated GMO Corn
 Liberty Link Soybeans

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

Corn

Price Yield

\$3.95 155

▲ ▼ ▲ ▼

Price Yield

\$0.00 0

▲ ▼ ▲ ▼

Variable Total
 Costs Cost

Crop 1 - Select Crop Below
 Roundup Ready Soybeans
 Crop 2 - Select Crop Below
 GMO Corn

\$ 270.27 \$ 482.37
 \$ 463.29 \$ 703.39

Roundup Ready Soybeans versus GMO Corn Net Returns Based on Variable Production Costs						
Roundup Ready Soybeans	45	Bu/Ac	and	\$3.95	Corn	
Corn Yields	Soybeans		Prices			
	\$8.43	\$8.93	\$9.43	\$9.93	\$10.43	\$10.93
Soybeans Net Returns						
135	\$39	\$62	\$84	\$107	\$129	\$152
145	(\$0)	\$22	\$45	\$67	\$90	\$112
155	(\$40)	(\$17)	\$5	\$28	\$50	\$73
165	(\$79)	(\$57)	(\$34)	(\$12)	\$11	\$33
175	(\$119)	(\$96)	(\$74)	(\$51)	(\$29)	(\$6)

GMO Corn versus Roundup Ready Soybeans Net Returns Based on Variable Production Costs						
GMO Corn at	155	Bu/Ac	and	\$9.43	Soybeans	
Soybeans Yields	Corn		Prices			
	\$3.45	\$3.70	\$3.95	\$4.20	\$4.45	\$4.70
Corn Net Returns						
35	12	50	89	128	167	205
40	(36)	3	42	81	119	158
45	(83)	(44)	(5)	33	72	111
50	(130)	(91)	(52)	(14)	25	64
55	(177)	(138)	(100)	(61)	(22)	17