

## University of Missouri Extension Southeast Missouri Crop Budgets 2013

This spreadsheet provides an estimate of the production costs and returns for the major row crops grown in Southeast Missouri for 2013. 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

<a href="#">Corn Non-GMO</a>	<a href="#">Corn Non-GMO Irrigated</a>	<a href="#">GMO Corn</a>	<a href="#">GMO Corn Irrigated</a>
<a href="#">Liberty Link Soybeans</a>	<a href="#">Liberty Link Soybeans Irrigated</a>	<a href="#">Roundup Ready Soybeans</a>	<a href="#">Roundup Ready Soybeans Irrigated</a>
<a href="#">Conventional Soybeans</a>	<a href="#">Conventional Soybeans Irrigated</a>	<a href="#">Grain Sorghum</a>	<a href="#">Grain Sorghum Irrigated</a>
<a href="#">Wheat</a>	<a href="#">Popcorn</a>	<a href="#">GMO Cotton</a>	<a href="#">GMO Cotton Irrigated</a>
<a href="#">Rice - Conventional</a>	<a href="#">Rice - Clearfield</a>	<a href="#">Rice - Hybrid</a>	<a href="#">Rice - Hybrid Clearfield</a>
<a href="#">No Till Double Crop Roundup Ready Soybeans</a>	<a href="#">Irrigated No Till Double Crop Roundup Ready Soybeans</a>	<a href="#">No Till Double Crop Conventional Soybeans</a>	<a href="#">Irrigated No Till Double Crop Conventional Soybeans</a>
<a href="#">No Till Double Crop Liberty Link Soybeans</a>	<a href="#">Irrigated No Till Double Crop Liberty Link Soybeans</a>	<a href="#">No Till Double Crop Grain Sorghum</a>	<a href="#">Irrigated No Till Double Crop Grain Sorghum</a>
<a href="#">Double Crop Southern Pea</a>	<a href="#">Irrigated Double Crop Southern Pea</a>	<a href="#">Crop Decision Aid - Breakeven Analysis</a>	<a href="#">Crop Decision Aid - Net Returns</a>

**University of Missouri Extension Southeast Missouri Crop Budget  
2013 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	150	Pounds	0.60	90.00	
Phosphate	60	Pounds	0.43	25.80	
Potash	50	Pounds	0.46	23.00	
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	15.00	15.00	
Fungicide	1	Acre	15.00	15.00	
Insecticide	1	Acre	6.00	6.00	
Drying Fuel & Electricity*	140	Bushels	0.19	26.60	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	25.00	25.00	
Machinery Repairs	1	Acre	15.00	15.00	
Hauling & Transportation*	140	Bushels	0.19	26.60	
Irrigation Fuel (Acre Inches)	0	Acre	3.50	-	
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%	12.65	
<b>Total Variable</b>		<b>Acre</b>		<b>\$ 434.15</b>	
Fixed Machinery Cost	1	Acre	44.00	44.00	
Fixed Buildings & Bins Cost	1	Acre	12.00	12.00	
Fixed Irrigation Cost	0	Acre	67.00	-	
<b>Total (Excluding Land)</b>		<b>Acre</b>		<b>\$ 490.15</b>	
Land Real Estate Taxes	1	Acre	0.25%	9.59	
Land Interest	3835	Acre	4.00%	153.40	
<b>Total Cost</b>		<b>Acre</b>		<b>\$ 653.13</b>	

\* 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	\$4.19	\$4.75	\$6.38	170	\$2.62	\$2.95	\$3.91
110	\$3.84	\$4.35	\$5.83	180	\$2.50	\$2.81	\$3.71
120	\$3.55	\$4.02	\$5.38	190	\$2.38	\$2.68	\$3.54
130	\$3.31	\$3.74	\$4.99	200	\$2.28	\$2.56	\$3.38
140	\$3.10	\$3.50	\$4.67	210	\$2.19	\$2.46	\$3.24
150	\$2.92	\$3.29	\$4.38	220	\$2.11	\$2.37	\$3.11
160	\$2.76	\$3.11	\$4.13	230	\$2.04	\$2.28	\$2.99

**University of Missouri Extension Southeast Missouri Crop Budget  
2013 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	210	Pounds	0.60	126.00	
Phosphate	80	Pounds	0.43	34.40	
Potash	60	Pounds	0.46	27.60	
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	15.00	15.00	
Fungicide	1	Acre	15.00	15.00	
Insecticide	1	Acre	6.00	6.00	
Drying Fuel & Electricity*	180	Bushels	0.19	34.20	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	25.00	25.00	
Machinery Repairs	1	Acre	15.00	15.00	
Hauling & Transportation*	180	Bushels	0.19	34.20	
Irrigation Fuel (Acre Inches)	12	Acre	3.50	42.00	
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%	16.92	
<b>Total Variable</b>		<b>Acre</b>		<b>\$ 580.82</b>	
Fixed Machinery Cost	1	Acre	44.00	44.00	
Fixed Buildings & Bins Cost	1	Acre	15.00	15.00	
Fixed Irrigation Cost	1	Acre	67.00	67.00	
<b>Total (Excluding Land)</b>		<b>Acre</b>		<b>\$ 706.82</b>	
Land Real Estate Taxes	1	Acre	0.25%	9.59	
Land Interest	3835	Acre	4.00%	153.40	
<b>Total Cost</b>		<b>Acre</b>		<b>\$ 869.80</b>	

\* 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	\$4.04	\$4.94	\$6.10	210	\$2.82	\$3.42	\$4.20
150	\$3.80	\$4.64	\$5.72	220	\$2.71	\$3.28	\$4.02
160	\$3.58	\$4.37	\$5.39	230	\$2.61	\$3.16	\$3.86
170	\$3.39	\$4.14	\$5.09	240	\$2.52	\$3.04	\$3.72
180	\$3.23	\$3.93	\$4.83	250	\$2.43	\$2.93	\$3.59
190	\$3.08	\$3.74	\$4.60	260	\$2.35	\$2.84	\$3.46
200	\$2.94	\$3.57	\$4.39	270	\$2.28	\$2.74	\$3.35

**University of Missouri Extension Southeast Missouri Crop Budget  
2013 GMO Corn Budget**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.3	Bags	320.00	96.00	
Nitrogen	150	Pounds	0.60	90.00	
Phosphate	60	Pounds	0.43	25.80	
Potash	50	Pounds	0.46	23.00	
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	10.00	10.00	
Fungicide	1	Acre	15.00	15.00	
Insecticide	1	Acre	6.00	6.00	
Drying Fuel & Electricity*	140	Bushels	0.19	26.60	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	25.00	25.00	
Machinery Repairs	1	Acre	15.00	15.00	
Hauling & Transportation*	140	Bushels	0.19	26.60	
Irrigation Fuel (Acre Inches)	0	Acre	3.50	-	
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%	13.49	
<b>Total Variable</b>		<b>Acre</b>		<b>\$ 462.99</b>	
Fixed Machinery Cost	1	Acre	44.00	44.00	
Fixed Buildings & Bins Cost	1	Acre	12.00	12.00	
Fixed Irrigation Cost	0	Acre	67.00	-	
<b>Total (Excluding Land)</b>		<b>Acre</b>		<b>\$ 518.99</b>	
Land Real Estate Taxes	1	Acre	0.25%	9.59	
Land Interest	3835	Acre	4.00%	153.40	
<b>Total Cost</b>		<b>Acre</b>		<b>\$ 681.97</b>	

\* 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	\$4.48	\$5.04	\$6.67	170	\$2.79	\$3.12	\$4.08
110	\$4.11	\$4.61	\$6.10	180	\$2.66	\$2.97	\$3.87
120	\$3.79	\$4.26	\$5.62	190	\$2.54	\$2.83	\$3.69
130	\$3.53	\$3.96	\$5.22	200	\$2.43	\$2.71	\$3.52
140	\$3.31	\$3.71	\$4.87	210	\$2.33	\$2.60	\$3.37
150	\$3.11	\$3.49	\$4.57	220	\$2.24	\$2.50	\$3.24
160	\$2.94	\$3.29	\$4.31	230	\$2.16	\$2.41	\$3.11

**University of Missouri Extension Southeast Missouri Crop Budget  
2013 Center Pivot Irrigated GMO Corn Budget**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.4	Bags	320.00	128.00	
Nitrogen	210	Pounds	0.60	126.00	
Phosphate	80	Pounds	0.43	34.40	
Potash	60	Pounds	0.46	27.60	
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	10.00	10.00	
Fungicide	1	Acre	15.00	15.00	
Insecticide	1	Acre	6.00	6.00	
Drying Fuel & Electricity*	180	Bushels	0.19	34.20	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	25.00	25.00	
Machinery Repairs	1	Acre	15.00	15.00	
Hauling & Transportation*	180	Bushels	0.19	34.20	
Irrigation Fuel (Acre Inches)	12	Acre	3.50	42.00	
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%	18.09	
<b>Total Variable</b>		<b>Acre</b>		<b>\$ 620.99</b>	
Fixed Machinery Cost	1	Acre	44.00	44.00	
Fixed Buildings & Bins Cost	1	Acre	15.00	15.00	
Fixed Irrigation Cost	1	Acre	67.00	67.00	
<b>Total (Excluding Land)</b>		<b>Acre</b>		<b>\$ 746.99</b>	
Land Real Estate Taxes	1	Acre	0.25%	9.59	
Land Interest	3835	Acre	4.00%	153.40	
<b>Total Cost</b>		<b>Acre</b>		<b>\$ 909.97</b>	

\* 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	\$4.33	\$5.23	\$6.39	210	\$3.01	\$3.61	\$4.39
150	\$4.06	\$4.90	\$5.99	220	\$2.89	\$3.46	\$4.21
160	\$3.83	\$4.62	\$5.64	230	\$2.78	\$3.33	\$4.04
170	\$3.63	\$4.37	\$5.33	240	\$2.68	\$3.21	\$3.89
180	\$3.45	\$4.15	\$5.06	250	\$2.59	\$3.09	\$3.75
190	\$3.29	\$3.95	\$4.81	260	\$2.51	\$2.99	\$3.62
200	\$3.14	\$3.77	\$4.59	270	\$2.43	\$2.89	\$3.50

## University of Missouri Extension Southeast Missouri Crop Budget

### 2013 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	0.60	-	
Phosphate	40	Pounds	0.43	17.20	
Potash	60	Pounds	0.46	27.60	
Limestone	0.5	Tons	28.00	14.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	15.00	15.00	
Insecticide	1	Acre	6.00	6.00	
Burn Down Herbicides	0	Quarts	0.00	-	
Pre-Emerge	1	Acre	20.00	20.00	
Post-Emerge - Liberty	65	Ounces	0.65	42.25	
Drying Fuel & Electricity*	0	Bushels	0.07	-	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	15.00	15.00	
Machinery Repairs	1	Acre	9.00	9.00	
Hauling & Transportation*	45	Bushels	0.19	8.55	
Irrigation Fuel (Acre Inches)	0	Acre	3.50	-	
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%	8.31	
<b>Total Variable</b>		Acre		<b>\$ 285.21</b>	
Fixed Machinery Cost	1	Acre	31.00	31.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	0	Acre	67.00	-	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 326.21</b>	
Land Real Estate Taxes	1	Acre	0.25%	9.59	
Land Interest	3835	Acre	4.00%	153.40	
<b>Total Cost</b>		Acre		<b>\$ 489.19</b>	

\* 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	\$14.02	\$16.07	\$24.22	55	\$5.22	\$5.97	\$8.93
25	\$11.26	\$12.90	\$19.42	60	\$4.80	\$5.48	\$8.20
30	\$9.41	\$10.78	\$16.21	65	\$4.45	\$5.08	\$7.58
35	\$8.09	\$9.27	\$13.92	70	\$4.14	\$4.73	\$7.06
40	\$7.11	\$8.13	\$12.21	75	\$3.88	\$4.43	\$6.60
45	\$6.34	\$7.25	\$10.87	80	\$3.65	\$4.16	\$6.20
50	\$5.72	\$6.54	\$9.80	85	\$3.44	\$3.93	\$5.84

## University of Missouri Extension Southeast Missouri Crop Budget

# 2013 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	0.60	-	
Phosphate	40	Pounds	0.43	17.20	
Potash	70	Pounds	0.46	32.20	
Limestone	0.5	Tons	28.00	14.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	15.00	15.00	
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	65	Ounces	0.65	42.25	
Drying Fuel & Electricity*	0	Bushels	0.07	-	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	15.00	15.00	
Machinery Repairs	1	Acre	9.00	9.00	
Hauling & Transportation*	50	Bushels	0.19	9.50	
Irrigation Fuel (Acre Inches)	8	Acre	3.50	28.00	
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%	9.94	
<b>Total Variable</b>		Acre		<b>\$ 341.19</b>	
Fixed Machinery Cost	1	Acre	31.00	31.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	1	Acre	67.00	67.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 449.19</b>	
Land Real Estate Taxes	1	Acre	0.25%	9.59	
Land Interest	3835	Acre	4.00%	153.40	
<b>Total Cost</b>		Acre		<b>\$ 612.18</b>	

\* 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	\$16.77	\$22.17	\$30.32	55	\$6.22	\$8.18	\$11.15
25	\$13.46	\$17.78	\$24.30	60	\$5.72	\$7.52	\$10.23
30	\$11.25	\$14.85	\$20.28	65	\$5.29	\$6.95	\$9.46
35	\$9.67	\$12.75	\$17.41	70	\$4.93	\$6.47	\$8.80
40	\$8.48	\$11.18	\$15.26	75	\$4.61	\$6.05	\$8.23
45	\$7.56	\$9.96	\$13.58	80	\$4.34	\$5.69	\$7.72
50	\$6.82	\$8.98	\$12.24	85	\$4.09	\$5.36	\$7.28



## University of Missouri Extension Southeast Missouri Crop Budget 2013 Roundup Ready Soybean Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.1	Bags	61.00	67.10	
Nitrogen	0	Pounds	0.60	-	
Phosphate	40	Pounds	0.43	17.20	
Potash	60	Pounds	0.46	27.60	
Limestone	0.5	Tons	28.00	14.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	15.00	15.00	
Insecticide	1	Acre	6.00	6.00	
Burn Down Herbicides	0	Quarts	0.00	-	
Pre-Emerge	1	Acre	18.00	18.00	
Post-Emerge	1	Acre	25.00	25.00	
Drying Fuel & Electricity*	0	Bushels	0.07	-	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	15.00	15.00	
Machinery Repairs	1	Acre	9.00	9.00	
Hauling & Transportation*	45	Bushels	0.19	8.55	
Irrigation Fuel (Acre Inches)	0	Acre	3.50	-	
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%	7.83	
<b>Total Variable</b>		Acre		<b>\$ 268.78</b>	
Fixed Machinery Cost	1	Acre	31.00	31.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	0	Acre	67.00	-	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 309.78</b>	
Land Real Estate Taxes	1	Acre	0.25%	9.59	
Land Interest	3835	Acre	4.00%	153.40	
<b>Total Cost</b>		Acre		<b>\$ 472.77</b>	

\* 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	\$13.20	\$15.25	\$23.40	55	\$4.92	\$5.67	\$8.63
25	\$10.60	\$12.24	\$18.76	60	\$4.53	\$5.21	\$7.93
30	\$8.86	\$10.23	\$15.66	65	\$4.19	\$4.82	\$7.33
35	\$7.63	\$8.80	\$13.45	70	\$3.91	\$4.49	\$6.82
40	\$6.70	\$7.72	\$11.80	75	\$3.66	\$4.21	\$6.38
45	\$5.97	\$6.88	\$10.51	80	\$3.44	\$3.96	\$5.99
50	\$5.39	\$6.21	\$9.47	85	\$3.25	\$3.73	\$5.65

## University of Missouri Extension Southeast Missouri Crop Budget 2013 Center Pivot Irr. Roundup Ready Soybeans

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.2	Bags	61.00	73.20	
Nitrogen	0	Pounds	0.60	-	
Phosphate	40	Pounds	0.43	17.20	
Potash	70	Pounds	0.46	32.20	
Limestone	0.5	Tons	28.00	14.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	15.00	15.00	
Insecticide	1	Acre	6.00	6.00	
Burn Down Herbicides	0	Quarts	0.00	-	
Pre-Emerge	1	Acre	18.00	18.00	
Post-Emerge	1	Acre	25.00	25.00	
Drying Fuel & Electricity*	0	Bushels	0.07	-	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	15.00	15.00	
Machinery Repairs	1	Acre	9.00	9.00	
Hauling & Transportation*	50	Bushels	0.19	9.50	
Irrigation Fuel (Acre Inches)	8	Acre	3.50	28.00	
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%	9.47	
<b>Total Variable</b>		Acre		<b>\$ 325.07</b>	
Fixed Machinery Cost	1	Acre	31.00	31.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	1	Acre	67.00	67.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 433.07</b>	
Land Real Estate Taxes	1	Acre	0.25%	9.59	
Land Interest	3835	Acre	4.00%	153.40	
<b>Total Cost</b>		Acre		<b>\$ 596.06</b>	

\* 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	\$10.71	\$14.31	\$19.74	65	\$5.04	\$6.71	\$9.21
35	\$9.21	\$12.29	\$16.95	70	\$4.70	\$6.24	\$8.57
40	\$8.08	\$10.78	\$14.85	75	\$4.40	\$5.84	\$8.01
45	\$7.20	\$9.60	\$13.22	80	\$4.13	\$5.48	\$7.52
50	\$6.50	\$8.66	\$11.92	85	\$3.90	\$5.17	\$7.09
55	\$5.93	\$7.89	\$10.85	90	\$3.70	\$4.90	\$6.71
60	\$5.45	\$7.25	\$9.97	95	\$3.51	\$4.65	\$6.36

## University of Missouri Extension Southeast Missouri Crop Budget

### 2013 Conventional Soybean Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.1	Bags	39.00	42.90	
Nitrogen	0	Pounds	0.60	-	
Phosphate	40	Pounds	0.43	17.20	
Potash	60	Pounds	0.46	27.60	
Limestone	0.5	Tons	28.00	14.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	15.00	15.00	
Insecticide	1	Acre	6.00	6.00	
Burn Down Herbicides	0	Quarts	0.00	-	
Pre-Emerge	1	Acre	18.00	18.00	
Post-Emerge	1	Acre	25.00	25.00	
Drying Fuel & Electricity*	0	Bushels	0.07	-	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	15.00	15.00	
Machinery Repairs	1	Acre	9.00	9.00	
Hauling & Transportation*	45	Bushels	0.19	8.55	
Irrigation Fuel (Acre Inches)	0	Acre	3.50	-	
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%	7.10	
<b>Total Variable</b>		Acre		<b>\$ 243.85</b>	
Fixed Machinery Cost	1	Acre	31.00	31.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	0	Acre	67.00	-	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 284.85</b>	
Land Real Estate Taxes	1	Acre	0.25%	9.59	
Land Interest	3835	Acre	4.00%	153.40	
<b>Total Cost</b>		Acre		<b>\$ 447.84</b>	

\* 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	\$11.96	\$14.01	\$22.15	55	\$4.47	\$5.21	\$8.18
25	\$9.60	\$11.24	\$17.76	60	\$4.11	\$4.80	\$7.51
30	\$8.03	\$9.40	\$14.83	65	\$3.81	\$4.44	\$6.95
35	\$6.91	\$8.08	\$12.74	70	\$3.55	\$4.14	\$6.47
40	\$6.07	\$7.10	\$11.17	75	\$3.33	\$3.87	\$6.05
45	\$5.42	\$6.33	\$9.95	80	\$3.13	\$3.64	\$5.68
50	\$4.90	\$5.72	\$8.98	85	\$2.96	\$3.44	\$5.36

## University of Missouri Extension Southeast Missouri Crop Budget

# 2013 Center Pivot Irr. Conventional Soybean Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.2	Bags	39.00	46.80	
Nitrogen	0	Pounds	0.60	-	
Phosphate	40	Pounds	0.43	17.20	
Potash	70	Pounds	0.46	32.20	
Limestone	0.5	Tons	28.00	14.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	15.00	15.00	
Insecticide	1	Acre	6.00	6.00	
Burn Down Herbicides	0	Quarts	0.00	-	
Pre-Emerge	1	Acre	18.00	18.00	
Post-Emerge	1	Acre	25.00	25.00	
Drying Fuel & Electricity*	0	Bushels	0.07	-	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	15.00	15.00	
Machinery Repairs	1	Acre	9.00	9.00	
Hauling & Transportation*	50	Bushels	0.19	9.50	
Irrigation Fuel (Acre Inches)	8	Acre	3.50	28.00	
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%	8.68	
<b>Total Variable</b>		Acre		<b>\$ 297.88</b>	
Fixed Machinery Cost	1	Acre	31.00	31.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	1	Acre	67.00	67.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 405.88</b>	
Land Real Estate Taxes	1	Acre	0.25%	9.59	
Land Interest	3835	Acre	4.00%	153.40	
<b>Total Cost</b>		Acre		<b>\$ 568.86</b>	

\* 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	\$14.61	\$20.01	\$28.16	55	\$5.43	\$7.40	\$10.36
25	\$11.73	\$16.05	\$22.56	60	\$5.00	\$6.80	\$9.51
30	\$9.80	\$13.40	\$18.84	65	\$4.63	\$6.29	\$8.80
35	\$8.43	\$11.52	\$16.17	70	\$4.31	\$5.85	\$8.18
40	\$7.40	\$10.10	\$14.17	75	\$4.04	\$5.48	\$7.65
45	\$6.60	\$9.00	\$12.62	80	\$3.79	\$5.14	\$7.18
50	\$5.96	\$8.12	\$11.38	85	\$3.58	\$4.85	\$6.77

## University of Missouri Extension Southeast Missouri Crop Budget

# 2013 Grain Sorghum Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.16	Bags	121.00	19.36	
Nitrogen	125	Pounds	0.60	75.00	
Phosphate	50	Pounds	0.43	21.50	
Potash	30	Pounds	0.46	13.80	
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	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	0.19	20.90	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	26.00	26.00	
Machinery Repairs	1	Acre	13.00	13.00	
Hauling & Transportation*	110	Bushels	0.19	20.90	
Irrigation Fuel (Acre Inches)	0	Acre	3.50	-	
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%	9.48	
<b>Total Variable</b>		Acre		<b>\$ 325.44</b>	
Fixed Machinery Cost	1	Acre	42.00	42.00	
Fixed Buildings & Bins Cost	1	Acre	14.00	14.00	
Fixed Irrigation Cost	0	Acre	67.00	-	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 381.44</b>	
Land Real Estate Taxes	1	Acre	0.25%	9.59	
Land Interest	3835	Acre	4.00%	153.40	
<b>Total Cost</b>		Acre		<b>\$ 544.43</b>	

\* 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	\$4.43	\$5.23	\$7.56	140	\$2.41	\$2.81	\$3.97
80	\$3.93	\$4.63	\$6.66	150	\$2.27	\$2.64	\$3.73
90	\$3.53	\$4.15	\$5.96	160	\$2.15	\$2.50	\$3.52
100	\$3.22	\$3.78	\$5.41	170	\$2.05	\$2.38	\$3.34
110	\$2.96	\$3.47	\$4.95	180	\$1.96	\$2.27	\$3.17
120	\$2.74	\$3.21	\$4.57	190	\$1.87	\$2.17	\$3.03
130	\$2.56	\$2.99	\$4.25	200	\$1.80	\$2.08	\$2.89

## University of Missouri Extension Southeast Missouri Crop Budget 2013 Center Pivot Irrigated Grain Sorghum Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.2	Bags	121.00	24.20	
Nitrogen	150	Pounds	0.60	90.00	
Phosphate	55	Pounds	0.43	23.65	
Potash	35	Pounds	0.46	16.10	
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	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	0.19	24.70	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	26.00	26.00	
Machinery Repairs	1	Acre	13.00	13.00	
Hauling & Transportation*	130	Bushels	0.19	24.70	
Irrigation Fuel (Acre Inches)	10	Acre	3.50	35.00	
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%	11.94	
<b>Total Variable</b>		Acre		<b>\$ 409.79</b>	
Fixed Machinery Cost	1	Acre	42.00	42.00	
Fixed Buildings & Bins Cost	1	Acre	16.00	16.00	
Fixed Irrigation Cost	1	Acre	67.00	67.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 534.79</b>	
Land Real Estate Taxes	1	Acre	0.25%	9.59	
Land Interest	3835	Acre	4.00%	153.40	
<b>Total Cost</b>		Acre		<b>\$ 697.77</b>	

\* 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	\$3.98	\$5.23	\$6.86	170	\$2.50	\$3.24	\$4.19
110	\$3.66	\$4.79	\$6.27	180	\$2.38	\$3.08	\$3.98
120	\$3.38	\$4.42	\$5.78	190	\$2.28	\$2.93	\$3.79
130	\$3.15	\$4.11	\$5.37	200	\$2.18	\$2.81	\$3.62
140	\$2.95	\$3.85	\$5.01	210	\$2.10	\$2.69	\$3.47
150	\$2.78	\$3.62	\$4.70	220	\$2.02	\$2.59	\$3.33
160	\$2.63	\$3.41	\$4.43	230	\$1.95	\$2.49	\$3.20

## University of Missouri Extension Southeast Missouri Crop Budget

# 2013 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	0.60	63.00	
Phosphate	40	Pounds	0.43	17.20	
Potash	20	Pounds	0.46	9.20	
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	15.00	15.00	
Insecticide	2	Acre	6.00	12.00	
Drying Fuel & Electricity*	0	Bushels	0.07	-	
Miscellaneous Overhead	1	Acre	6.00	6.00	
Machinery Fuel	1	Acre	14.00	14.00	
Machinery Repairs	1	Acre	7.00	7.00	
Hauling & Transportation*	70	Bushels	0.19	13.30	
Irrigation Fuel (Acre Inches)	0	Acre	3.50	-	
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%	7.80	
<b>Total Variable</b>		Acre		<b>\$ 267.70</b>	
Fixed Machinery Cost	1	Acre	26.00	26.00	
Fixed Buildings & Bins Cost	1	Acre	3.00	3.00	
Fixed Irrigation Cost	0	Acre	67.00	-	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 296.70</b>	
Land Real Estate Taxes	1	Acre	0.25%	4.80	
Land Interest	1918	Acre	4.00%	76.72	
<b>Total Cost</b>		Acre		<b>\$ 378.21</b>	

\* 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	\$6.55	\$7.27	\$9.31	75	\$3.58	\$3.97	\$5.06
45	\$5.84	\$6.49	\$8.30	80	\$3.37	\$3.73	\$4.75
50	\$5.28	\$5.86	\$7.49	85	\$3.18	\$3.52	\$4.48
55	\$4.82	\$5.34	\$6.82	90	\$3.02	\$3.34	\$4.24
60	\$4.43	\$4.91	\$6.27	95	\$2.87	\$3.17	\$4.03
65	\$4.10	\$4.55	\$5.80	100	\$2.73	\$3.02	\$3.84
70	\$3.82	\$4.24	\$5.40	105	\$2.61	\$2.89	\$3.67

**University of Missouri Extension Southeast Missouri Crop Budget  
2013 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	0.60	111.00	
Phosphate	80	Pounds	0.43	34.40	
Potash	60	Pounds	0.46	27.60	
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	42.00	42.00	
Post-Emerge	1	Acre	13.00	13.00	
Fungicide	1	Acre	15.00	15.00	
Insecticide	1	Acre	6.00	6.00	
Drying Fuel & Electricity*	0	Bushels	0.17	-	
Miscellaneous Overhead	1	Acre	12.00	12.00	
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	3.50	42.00	
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%	14.21	
<b>Total Variable</b>		<b>Acre</b>		<b>\$ 487.71</b>	
Fixed Machinery Cost	1	Acre	44.00	44.00	
Fixed Buildings & Bins Cost	1	Acre	3.00	3.00	
Fixed Irrigation Cost	1	Acre	67.00	67.00	
<b>Total (Excluding Land)</b>		<b>Acre</b>		<b>\$ 601.71</b>	
Land Real Estate Taxes	1	Acre	0.25%	9.59	
Land Interest	3835	Acre	4.00%	153.40	
<b>Total Cost</b>		<b>Acre</b>		<b>\$ 764.69</b>	

\* 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	\$0.161	\$0.199	\$0.254	4750	\$0.103	\$0.127	\$0.161
3250	\$0.149	\$0.184	\$0.234	5000	\$0.098	\$0.120	\$0.153
3500	\$0.138	\$0.171	\$0.218	5250	\$0.093	\$0.115	\$0.146
3750	\$0.129	\$0.160	\$0.203	5500	\$0.089	\$0.110	\$0.139
4000	\$0.121	\$0.150	\$0.191	5750	\$0.085	\$0.105	\$0.133
4250	\$0.114	\$0.141	\$0.180	6000	\$0.082	\$0.101	\$0.128
4500	\$0.108	\$0.133	\$0.170	6250	\$0.078	\$0.097	\$0.123



**University of Missouri Extension Southeast Missouri Crop Budget  
2013 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	0.60	48.00	
Phosphate	30	Pounds	0.43	12.90	
Potash	30	Pounds	0.46	13.80	
Limestone	0.5	Tons	28.00	14.00	
Sulfur	0	Pounds	0.00	-	
Boron	1	Pounds	7.00	7.00	
Early - Post with Residual	1	Acre	35.00	35.00	
Post-Emerge - Glyphosate	2	Acre	4.00	8.00	
Post-Emerge - Layby	1	Acre	11.00	11.00	
Insecticide	1	Acre	30.00	30.00	
Boll Weevil Eradication	0	Acre	5.00	-	
Growth Regulator	1	Acre	5.00	5.00	
Defoliation	1	Acre	17.00	17.00	
Ginning (changes with Yield)	0	Pounds	0.00	-	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	45.00	45.00	
Machinery Repairs	1	Acre	25.00	25.00	
Irrigation Fuel (Acre Inches)	0	Acre	3.50	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	64.00	64.00	
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%	14.66	
<b>Total Variable</b>		<b>Acre</b>		<b>\$ 503.36</b>	
Fixed Machinery Cost	1	Acre	95.00	95.00	
Fixed Buildings & Bins Cost	1	Acre	3.00	3.00	
Fixed Irrigation Cost	0	Acre	67.00	-	
<b>Total (Excluding Land)</b>		<b>Acre</b>		<b>\$ 601.36</b>	
Land Real Estate Taxes	1	Acre	0.25%	9.59	
Land Interest	3835	Acre	4.00%	153.40	
<b>Total Cost</b>		<b>Acre</b>		<b>\$ 764.35</b>	

\*\*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	\$1.049	\$1.253	\$1.592	900	\$0.559	\$0.668	\$0.849
540	\$0.932	\$1.114	\$1.415	960	\$0.524	\$0.626	\$0.796
600	\$0.839	\$1.002	\$1.274	1020	\$0.493	\$0.590	\$0.749
660	\$0.763	\$0.911	\$1.158	1080	\$0.466	\$0.557	\$0.708
720	\$0.699	\$0.835	\$1.062	1140	\$0.442	\$0.528	\$0.670
780	\$0.645	\$0.771	\$0.980	1200	\$0.419	\$0.501	\$0.637
840	\$0.599	\$0.716	\$0.910	1260	\$0.399	\$0.477	\$0.607

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

**2013 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	0.60	48.00	
Phosphate	40	Pounds	0.43	17.20	
Potash	35	Pounds	0.46	16.10	
Limestone	0.5	Tons	28.00	14.00	
Sulfur	0	Pounds	0.00	-	
Boron	1	Pounds	7.00	7.00	
Early - Post with Residual	1	Acre	35.00	35.00	
Post-Emerge - Glyphosate	2	Acre	4.00	8.00	
Post-Emerge - Layby	1	Acre	11.00	11.00	
Insecticide	1	Acre	30.00	30.00	
Boll Weevil Eradication	0	Acre	5.00	-	
Growth Regulator	2	Acre	5.00	10.00	
Defoliation	1	Acre	17.00	17.00	
Ginning (changes with Yield)	0	Pounds	0.00	-	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	45.00	45.00	
Machinery Repairs	1	Acre	25.00	25.00	
Irrigation Fuel (Acre Inches)	9	Acre	3.50	31.50	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	64.00	64.00	
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%	16.43	
<b>Total Variable</b>		<b>Acre</b>		<b>\$ 564.23</b>	
Fixed Machinery Cost	1	Acre	95.00	95.00	
Fixed Buildings & Bins Cost	1	Acre	3.00	3.00	
Fixed Irrigation Cost	1	Acre	67.00	67.00	
<b>Total (Excluding Land)</b>		<b>Acre</b>		<b>\$ 729.23</b>	
Land Real Estate Taxes	1	Acre	0.25%	9.59	
Land Interest	3835	Acre	4.00%	153.40	
<b>Total Cost</b>		<b>Acre</b>		<b>\$ 892.22</b>	

\*\*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	\$0.784	\$1.013	\$1.239	1140	\$0.495	\$0.640	\$0.783
780	\$0.723	\$0.935	\$1.144	1200	\$0.470	\$0.608	\$0.744
840	\$0.672	\$0.868	\$1.062	1260	\$0.448	\$0.579	\$0.708
900	\$0.627	\$0.810	\$0.991	1320	\$0.427	\$0.552	\$0.676
960	\$0.588	\$0.760	\$0.929	1380	\$0.409	\$0.528	\$0.647
1020	\$0.553	\$0.715	\$0.875	1440	\$0.392	\$0.506	\$0.620
1080	\$0.522	\$0.675	\$0.826	1500	\$0.376	\$0.486	\$0.595

## University of Missouri Extension Southeast Missouri Crop Budget 2013 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	0.60	90.00	
Phosphate	30	Pounds	0.43	12.90	
Potash	40	Pounds	0.46	18.40	
Limestone	0	Tons	28.00	-	
Zinc	3	Pounds	2.50	7.50	
Sulfur	0	Pounds	0.00	-	
Fungicide	1	Acre	25.00	25.00	
Pre-Emerge	1	Acre	19.00	19.00	
Post-Emerge	1	Acre	60.00	60.00	
Insecticide	0	Acre	0.00	-	
Drying (Custom/Bushel)*	160	Bushels	0.30	48.00	
Hauling & Transportation*	160	Bushels	0.19	30.40	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	35.00	35.00	
Machinery Repairs	1	Acre	17.00	17.00	
Irrigation Fuel	1	Acre	70.00	70.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	46.00	46.00	
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%	17.27	
<b>Total Variable</b>		Acre		<b>\$ 592.97</b>	
Fixed Machinery Cost	1	Acre	62.00	62.00	
Fixed Buildings & Bins Cost	1	Acre	20.00	20.00	
Fixed Irrigation Cost	1	Acre	67.00	67.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 741.97</b>	
Land Real Estate Taxes	1	Acre	0.25%	9.59	
Land Interest	3835	Acre	4.00%	153.40	
<b>Total Cost</b>		Acre		<b>\$ 904.96</b>	

\* 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	\$5.64	\$7.13	\$8.76	170	\$3.52	\$4.39	\$5.35
110	\$5.17	\$6.52	\$8.00	180	\$3.35	\$4.18	\$5.08
120	\$4.78	\$6.02	\$7.38	190	\$3.20	\$3.98	\$4.84
130	\$4.45	\$5.59	\$6.85	200	\$3.06	\$3.81	\$4.62
140	\$4.17	\$5.23	\$6.39	210	\$2.94	\$3.65	\$4.43
150	\$3.92	\$4.91	\$6.00	220	\$2.83	\$3.51	\$4.25
160	\$3.71	\$4.64	\$5.66	230	\$2.73	\$3.38	\$4.08

## University of Missouri Extension Southeast Missouri Crop Budget

### 2013 Rice Budget - Clearfield

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed + Tech fee	60	Pounds	1.00	72.00	
Nitrogen	150	Pounds	0.60	90.00	
Phosphate	30	Pounds	0.43	12.90	
Potash	40	Pounds	0.46	18.40	
Limestone	0	Tons	28.00	-	
Zinc	3	Pounds	2.50	7.50	
Sulfur	0	Pounds	0.00	-	
Fungicide	1	Acre	25.00	25.00	
Post-Emerge - Newpath	1	Acre	28.00	28.00	
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	0.19	30.40	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	35.00	35.00	
Machinery Repairs	1	Acre	17.00	17.00	
Irrigation Fuel	1	Acre	70.00	70.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	46.00	46.00	
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%	17.32	
<b>Total Variable</b>		Acre		<b>\$ 594.52</b>	
Fixed Machinery Cost	1	Acre	62.00	62.00	
Fixed Buildings & Bins Cost	1	Acre	20.00	20.00	
Fixed Irrigation Cost	1	Acre	67.00	67.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 743.52</b>	
Land Real Estate Taxes	1	Acre	0.25%	9.59	
Land Interest	3835	Acre	4.00%	153.40	
<b>Total Cost</b>		Acre		<b>\$ 906.50</b>	

\* 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	\$7.14	\$8.77	170	\$3.53	\$4.40	\$5.36
110	\$5.18	\$6.54	\$8.02	180	\$3.36	\$4.19	\$5.09
120	\$4.79	\$6.03	\$7.39	190	\$3.21	\$3.99	\$4.85
130	\$4.46	\$5.61	\$6.86	200	\$3.07	\$3.82	\$4.63
140	\$4.18	\$5.24	\$6.41	210	\$2.95	\$3.66	\$4.43
150	\$3.93	\$4.92	\$6.01	220	\$2.84	\$3.51	\$4.25
160	\$3.72	\$4.65	\$5.67	230	\$2.73	\$3.38	\$4.09

## 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	5.78	130.05	
Nitrogen	150	Pounds	0.60	90.00	
Phosphate	30	Pounds	0.43	12.90	
Potash	40	Pounds	0.46	18.40	
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	19.00	19.00	
Post-Emerge	1	Acre	60.00	60.00	
Insecticide	0	Acre	0.00	-	
Drying (Custom/Bushel)*	180	Bushels	0.30	54.00	
Hauling & Transportation*	180	Bushels	0.19	34.20	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	35.00	35.00	
Machinery Repairs	1	Acre	17.00	17.00	
Irrigation Fuel	1	Acre	70.00	70.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	46.00	46.00	
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%	19.58	
<b>Total Variable</b>		Acre		<b>\$ 672.13</b>	
Fixed Machinery Cost	1	Acre	62.00	62.00	
Fixed Buildings & Bins Cost	1	Acre	22.00	22.00	
Fixed Irrigation Cost	1	Acre	67.00	67.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 823.13</b>	
Land Real Estate Taxes	1	Acre	0.25%	9.59	
Land Interest	3835	Acre	4.00%	153.40	
<b>Total Cost</b>		Acre		<b>\$ 986.11</b>	

\* 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	\$5.36	\$6.61	\$7.97	190	\$3.56	\$4.36	\$5.22
130	\$4.98	\$6.14	\$7.40	200	\$3.41	\$4.16	\$4.98
140	\$4.66	\$5.74	\$6.90	210	\$3.27	\$3.99	\$4.77
150	\$4.38	\$5.39	\$6.48	220	\$3.14	\$3.83	\$4.57
160	\$4.14	\$5.08	\$6.10	230	\$3.03	\$3.69	\$4.39
170	\$3.92	\$4.81	\$5.77	240	\$2.92	\$3.55	\$4.23
180	\$3.73	\$4.57	\$5.48	250	\$2.83	\$3.43	\$4.08

## University of Missouri Extension Southeast Missouri Crop Budget 2013 Hybrid Rice Budget - Clearfield

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed + Tech Fee	22.5	Pounds	6.67	162.08	
Nitrogen	150	Pounds	0.60	90.00	
Phosphate	30	Pounds	0.43	12.90	
Potash	40	Pounds	0.46	18.40	
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	28.00	28.00	
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	0.19	34.20	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	35.00	35.00	
Machinery Repairs	1	Acre	17.00	17.00	
Irrigation Fuel	1	Acre	70.00	70.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	46.00	46.00	
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%	19.37	
<b>Total Variable</b>		Acre		<b>\$ 664.94</b>	
Fixed Machinery Cost	1	Acre	62.00	62.00	
Fixed Buildings & Bins Cost	1	Acre	22.00	22.00	
Fixed Irrigation Cost	1	Acre	67.00	67.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 815.94</b>	
Land Real Estate Taxes	1	Acre	0.25%	9.59	
Land Interest	3835	Acre	4.00%	153.40	
<b>Total Cost</b>		Acre		<b>\$ 978.93</b>	

\* 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	\$5.30	\$6.55	\$7.91	190	\$3.53	\$4.32	\$5.18
130	\$4.93	\$6.09	\$7.34	200	\$3.37	\$4.13	\$4.94
140	\$4.61	\$5.69	\$6.85	210	\$3.24	\$3.96	\$4.73
150	\$4.33	\$5.34	\$6.43	220	\$3.11	\$3.80	\$4.54
160	\$4.09	\$5.04	\$6.06	230	\$3.00	\$3.65	\$4.36
170	\$3.88	\$4.77	\$5.73	240	\$2.89	\$3.52	\$4.20
180	\$3.69	\$4.53	\$5.44	250	\$2.80	\$3.40	\$4.05

## University of Missouri Extension Southeast Missouri Crop Budget

# 2013 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	61.00	73.20	
Nitrogen	0	Pounds	0.60	-	
Phosphate	30	Pounds	0.43	12.90	
Potash	50	Pounds	0.46	23.00	
Limestone	0.25	Tons	28.00	7.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	15.00	15.00	
Insecticide	2	Acre	6.00	12.00	
Burn Down Herbicides	1	Acre	4.00	4.00	
Pre-Emerge	1	Acre	18.00	18.00	
Post-Emerge	1	Acre	25.00	25.00	
Drying Fuel & Electricity*	0	Bushels	0.07	-	
Miscellaneous Overhead	1	Acre	6.00	6.00	
Machinery Fuel	1	Acre	11.00	11.00	
Machinery Repairs	1	Acre	7.00	7.00	
Hauling & Transportation*	35	Bushels	0.19	6.65	
Irrigation Fuel (Acre Inches)	0	Acre	3.50	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	15.00	15.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Application	1	Acre	6.50	6.50	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	7.27	
<b>Total Variable</b>		Acre		<b>\$ 249.52</b>	
Fixed Machinery Cost	1	Acre	23.00	23.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	0	Acre	67.00	-	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 282.52</b>	
Land Real Estate Taxes	1	Acre	0.25%	4.80	
Land Interest	1918	Acre	4.00%	76.72	
<b>Total Cost</b>		Acre		<b>\$ 364.03</b>	

\* 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	\$12.33	\$13.98	\$18.06	55	\$4.61	\$5.21	\$6.69
25	\$9.90	\$11.22	\$14.49	60	\$4.24	\$4.79	\$6.15
30	\$8.29	\$9.39	\$12.10	65	\$3.93	\$4.43	\$5.69
35	\$7.13	\$8.07	\$10.40	70	\$3.66	\$4.13	\$5.30
40	\$6.26	\$7.09	\$9.12	75	\$3.43	\$3.87	\$4.96
45	\$5.59	\$6.32	\$8.13	80	\$3.23	\$3.64	\$4.66
50	\$5.05	\$5.71	\$7.34	85	\$3.05	\$3.44	\$4.39

## University of Missouri Extension Southeast Missouri Crop Budget 2013 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	61.00	73.20	
Nitrogen	0	Pounds	0.60	-	
Phosphate	40	Pounds	0.43	17.20	
Potash	65	Pounds	0.46	29.90	
Limestone	0.25	Tons	28.00	7.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	15.00	15.00	
Insecticide	2	Acre	6.00	12.00	
Burn Down Herbicides	1	Acre	4.00	4.00	
Pre-Emerge	1	Acre	18.00	18.00	
Post-Emerge	1	Acre	25.00	25.00	
Drying Fuel & Electricity*	0	Bushels	0.07	-	
Miscellaneous Overhead	1	Acre	6.00	6.00	
Machinery Fuel	1	Acre	11.00	11.00	
Machinery Repairs	1	Acre	7.00	7.00	
Hauling & Transportation*	45	Bushels	0.19	8.55	
Irrigation Fuel (Acre Inches)	8	Acre	3.50	28.00	
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%	8.95	
<b>Total Variable</b>		Acre		<b>\$ 307.30</b>	
Fixed Machinery Cost	1	Acre	23.00	23.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	1	Acre	67.00	67.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 407.30</b>	
Land Real Estate Taxes	1	Acre	0.25%	4.80	
Land Interest	1918	Acre	4.00%	76.72	
<b>Total Cost</b>		Acre		<b>\$ 488.82</b>	

\* 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	\$15.13	\$20.13	\$24.20	55	\$5.62	\$7.44	\$8.92
25	\$12.14	\$16.14	\$19.40	60	\$5.17	\$6.84	\$8.19
30	\$10.15	\$13.48	\$16.20	65	\$4.79	\$6.32	\$7.58
35	\$8.73	\$11.58	\$13.91	70	\$4.46	\$5.89	\$7.05
40	\$7.66	\$10.16	\$12.20	75	\$4.17	\$5.51	\$6.59
45	\$6.83	\$9.05	\$10.86	80	\$3.92	\$5.17	\$6.19
50	\$6.17	\$8.17	\$9.80	85	\$3.70	\$4.88	\$5.84



## University of Missouri Extension Southeast Missouri Crop Budget 2013 No-Till Double Crop Conventional Soybean

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.2	Bags	39.00	46.80	
Nitrogen	0	Pounds	0.60	-	
Phosphate	30	Pounds	0.43	12.90	
Potash	50	Pounds	0.46	23.00	
Limestone	0.25	Tons	28.00	7.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	15.00	15.00	
Insecticide	2	Acre	6.00	12.00	
Burn Down Herbicides	1	Acre	4.00	4.00	
Pre-Emerge	1	Acre	18.00	18.00	
Post-Emerge	1	Acre	25.00	25.00	
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	7.00	7.00	
Hauling & Transportation*	35	Bushels	0.19	6.65	
Irrigation Fuel (Acre Inches)	0	Acre	3.50	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	15.00	15.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Application	1	Acre	6.50	6.50	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	6.48	
<b>Total Variable</b>		Acre		<b>\$ 222.33</b>	
Fixed Machinery Cost	1	Acre	23.00	23.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	0	Acre	67.00	-	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 255.33</b>	
Land Real Estate Taxes	1	Acre	0.25%	4.80	
Land Interest	1918	Acre	4.00%	76.72	
<b>Total Cost</b>		Acre		<b>\$ 336.84</b>	

\* Drying & Transportation Costs Change With Yields

### Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
20	\$10.97	\$12.62	\$16.70	55	\$4.11	\$4.71	\$6.19
25	\$8.82	\$10.14	\$13.40	60	\$3.78	\$4.33	\$5.69
30	\$7.38	\$8.48	\$11.20	65	\$3.51	\$4.02	\$5.27
35	\$6.35	\$7.30	\$9.62	70	\$3.27	\$3.74	\$4.91
40	\$5.58	\$6.41	\$8.44	75	\$3.07	\$3.51	\$4.59
45	\$4.98	\$5.72	\$7.53	80	\$2.89	\$3.30	\$4.32
50	\$4.50	\$5.16	\$6.79	85	\$2.73	\$3.12	\$4.07

## University of Missouri Extension Southeast Missouri Crop Budget 2013 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	39.00	46.80	
Nitrogen	0	Pounds	0.60	-	
Phosphate	40	Pounds	0.43	17.20	
Potash	65	Pounds	0.46	29.90	
Limestone	0.25	Tons	28.00	7.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	15.00	15.00	
Insecticide	2	Acre	6.00	12.00	
Burn Down Herbicides	1	Acre	4.00	4.00	
Pre-Emerge	1	Acre	18.00	18.00	
Post-Emerge	1	Acre	25.00	25.00	
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	7.00	7.00	
Hauling & Transportation*	45	Bushels	0.19	8.55	
Irrigation Fuel (Acre Inches)	8	Acre	3.50	28.00	
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%	8.16	
<b>Total Variable</b>		Acre		<b>\$ 280.11</b>	
Fixed Machinery Cost	1	Acre	23.00	23.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	1	Acre	67.00	67.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 380.11</b>	
Land Real Estate Taxes	1	Acre	0.25%	4.80	
Land Interest	1918	Acre	4.00%	76.72	
<b>Total Cost</b>		Acre		<b>\$ 461.62</b>	

\* 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	\$13.77	\$18.77	\$22.84	55	\$5.13	\$6.95	\$8.43
25	\$11.05	\$15.05	\$18.31	60	\$4.72	\$6.38	\$7.74
30	\$9.24	\$12.58	\$15.29	65	\$4.37	\$5.91	\$7.16
35	\$7.95	\$10.81	\$13.13	70	\$4.07	\$5.50	\$6.66
40	\$6.98	\$9.48	\$11.52	75	\$3.81	\$5.14	\$6.23
45	\$6.22	\$8.45	\$10.26	80	\$3.58	\$4.83	\$5.85
50	\$5.62	\$7.62	\$9.25	85	\$3.38	\$4.56	\$5.52

## University of Missouri Extension Southeast Missouri Crop Budget

# 2013 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	0.60	-	
Phosphate	30	Pounds	0.43	12.90	
Potash	50	Pounds	0.46	23.00	
Limestone	0.25	Tons	28.00	7.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	15.00	15.00	
Insecticide	2	Acre	6.00	12.00	
Burn Down Herbicides	1	Quarts	4.00	4.00	
Pre-Emerge	1	Acre	20.00	20.00	
Post-Emerge - Libery	65	Ounces	0.65	42.25	
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	7.00	7.00	
Hauling & Transportation*	35	Bushels	0.19	6.65	
Irrigation Fuel (Acre Inches)	0	Acre	3.50	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	15.00	15.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Application	1	Acre	6.50	6.50	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	7.74	
<b>Total Variable</b>		Acre		<b>\$ 265.64</b>	
Fixed Machinery Cost	1	Acre	23.00	23.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	0	Acre	67.00	-	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 298.64</b>	
Land Real Estate Taxes	1	Acre	0.25%	4.80	
Land Interest	1918	Acre	4.00%	76.72	
<b>Total Cost</b>		Acre		<b>\$ 380.15</b>	

\* 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	\$13.14	\$14.79	\$18.87	55	\$4.90	\$5.50	\$6.98
25	\$10.55	\$11.87	\$15.13	60	\$4.51	\$5.06	\$6.42
30	\$8.82	\$9.92	\$12.64	65	\$4.17	\$4.68	\$5.94
35	\$7.59	\$8.53	\$10.86	70	\$3.89	\$4.36	\$5.53
40	\$6.66	\$7.49	\$9.53	75	\$3.64	\$4.08	\$5.17
45	\$5.95	\$6.68	\$8.49	80	\$3.43	\$3.84	\$4.86
50	\$5.37	\$6.03	\$7.66	85	\$3.24	\$3.63	\$4.58

## University of Missouri Extension Southeast Missouri Crop Budget 2013 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	0.60	-	
Phosphate	40	Pounds	0.43	17.20	
Potash	65	Pounds	0.46	29.90	
Limestone	0.25	Tons	28.00	7.00	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	15.00	15.00	
Insecticide	2	Acre	6.00	12.00	
Burn Down Herbicides	1	Quarts	4.00	4.00	
Pre-Emerge	1	Acre	20.00	20.00	
Post-Emerge - Libery	65	Ounces	0.65	42.25	
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	7.00	7.00	
Hauling & Transportation*	45	Bushels	0.19	8.55	
Irrigation Fuel (Acre Inches)	8	Acre	3.50	28.00	
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%	9.42	
<b>Total Variable</b>		Acre		<b>\$ 323.42</b>	
Fixed Machinery Cost	1	Acre	23.00	23.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	1	Acre	67.00	67.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 423.42</b>	
Land Real Estate Taxes	1	Acre	0.25%	4.80	
Land Interest	1918	Acre	4.00%	76.72	
<b>Total Cost</b>		Acre		<b>\$ 504.94</b>	

\* 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	\$15.93	\$20.93	\$25.01	55	\$5.91	\$7.73	\$9.22
25	\$12.78	\$16.78	\$20.05	60	\$5.44	\$7.10	\$8.46
30	\$10.69	\$14.02	\$16.74	65	\$5.03	\$6.57	\$7.83
35	\$9.19	\$12.04	\$14.37	70	\$4.69	\$6.12	\$7.28
40	\$8.06	\$10.56	\$12.60	75	\$4.39	\$5.72	\$6.81
45	\$7.19	\$9.41	\$11.22	80	\$4.13	\$5.38	\$6.39
50	\$6.49	\$8.49	\$10.12	85	\$3.89	\$5.07	\$6.03

## University of Missouri Extension Southeast Missouri Crop Budget 2013 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	121.00	19.36	
Nitrogen	90	Pounds	0.60	54.00	
Phosphate	35	Pounds	0.43	15.05	
Potash	25	Pounds	0.46	11.50	
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	4.00	4.00	
Pre-Emerge	1	Acre	28.00	28.00	
Post-Emerge	1	Acre	3.00	3.00	
Fungicide	0	Acre	0.00	-	
Insecticide	1	Acre	16.00	16.00	
Drying Fuel & Electricity*	70	Bushels	0.19	13.30	
Miscellaneous Overhead	1	Acre	6.00	6.00	
Machinery Fuel	1	Acre	19.00	19.00	
Machinery Repairs	1	Acre	13.00	13.00	
Hauling & Transportation*	70	Bushels	0.19	13.30	
Irrigation Fuel (Acre Inches)	0	Acre	3.50	-	
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%	7.91	
<b>Total Variable</b>		Acre		<b>\$ 271.42</b>	
Fixed Machinery Cost	1	Acre	36.00	36.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	0	Acre	67.00	-	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 317.42</b>	
Land Real Estate Taxes	1	Acre	0.25%	4.80	
Land Interest	1918	Acre	4.00%	76.72	
<b>Total Cost</b>		Acre		<b>\$ 398.93</b>	

\* 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	\$5.28	\$6.20	\$7.83	120	\$2.42	\$2.80	\$3.48
60	\$4.46	\$5.23	\$6.59	130	\$2.26	\$2.62	\$3.24
70	\$3.88	\$4.53	\$5.70	140	\$2.13	\$2.46	\$3.04
80	\$3.44	\$4.02	\$5.03	150	\$2.01	\$2.32	\$2.86
90	\$3.10	\$3.61	\$4.52	160	\$1.91	\$2.20	\$2.71
100	\$2.83	\$3.29	\$4.10	170	\$1.82	\$2.09	\$2.57
110	\$2.61	\$3.02	\$3.76	180	\$1.74	\$2.00	\$2.45

## University of Missouri Extension Southeast Missouri Crop Budget 2013 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	121.00	24.20	
Nitrogen	125	Pounds	0.60	75.00	
Phosphate	55	Pounds	0.43	23.65	
Potash	35	Pounds	0.46	16.10	
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	4.00	4.00	
Pre-Emerge	1	Acre	28.00	28.00	
Post-Emerge	1	Acre	3.00	3.00	
Fungicide	0	Acre	0.00	-	
Insecticide	1	Acre	16.00	16.00	
Drying Fuel & Electricity*	110	Bushels	0.19	20.90	
Miscellaneous Overhead	1	Acre	6.00	6.00	
Machinery Fuel	1	Acre	19.00	19.00	
Machinery Repairs	1	Acre	13.00	13.00	
Hauling & Transportation*	110	Bushels	0.19	20.90	
Irrigation Fuel (Acre Inches)	8	Acre	3.50	28.00	
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%	10.82	
<b>Total Variable</b>		Acre		<b>\$ 371.57</b>	
Fixed Machinery Cost	1	Acre	36.00	36.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	1	Acre	67.00	67.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 484.57</b>	
Land Real Estate Taxes	1	Acre	0.25%	4.80	
Land Interest	1918	Acre	4.00%	76.72	
<b>Total Cost</b>		Acre		<b>\$ 566.09</b>	

\* 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	\$5.09	\$6.71	\$7.87	140	\$2.74	\$3.54	\$4.12
80	\$4.50	\$5.91	\$6.93	150	\$2.58	\$3.33	\$3.88
90	\$4.04	\$5.30	\$6.21	160	\$2.44	\$3.15	\$3.66
100	\$3.68	\$4.81	\$5.62	170	\$2.32	\$2.98	\$3.46
110	\$3.38	\$4.41	\$5.15	180	\$2.21	\$2.84	\$3.29
120	\$3.13	\$4.07	\$4.75	190	\$2.12	\$2.71	\$3.14
130	\$2.92	\$3.79	\$4.41	200	\$2.03	\$2.59	\$3.00

## University of Missouri Extension Southeast Missouri Crop Budget

### 2013 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	0.60	-	
Phosphate	30	Pounds	0.43	12.90	
Potash	50	Pounds	0.46	23.00	
Limestone	0.25	Tons	28.00	7.00	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Pre-Emerge	1	Acre	26.00	26.00	
Post-Emerge	0	Acre	0.00	-	
Insecticide	1	Acre	11.00	11.00	
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	21.00	21.00	
Machinery Repairs	1	Acre	11.00	11.00	
Irrigation Fuel (Acre Inches)	0	Acre	3.50	-	
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%	5.48	
<b>Total Variable</b>		Acre		<b>\$ 188.18</b>	
Fixed Machinery Cost	1	Acre	39.00	39.00	
Fixed Buildings & Bins Cost	1	Acre	5.00	5.00	
Fixed Irrigation Cost	0	Acre	67.00	-	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 232.18</b>	
Land Real Estate Taxes	1	Acre	0.25%	4.80	
Land Interest	1918	Acre	4.00%	76.72	
<b>Total Cost</b>		Acre		<b>\$ 313.70</b>	

\* 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	\$0.310	\$0.383	\$0.519	1300	\$0.145	\$0.179	\$0.242
700	\$0.266	\$0.329	\$0.445	1400	\$0.135	\$0.166	\$0.225
800	\$0.233	\$0.288	\$0.390	1500	\$0.126	\$0.156	\$0.210
900	\$0.208	\$0.257	\$0.347	1600	\$0.119	\$0.146	\$0.197
1000	\$0.187	\$0.231	\$0.313	1700	\$0.112	\$0.138	\$0.186
1100	\$0.171	\$0.211	\$0.285	1800	\$0.106	\$0.130	\$0.176
1200	\$0.157	\$0.193	\$0.261	1900	\$0.101	\$0.124	\$0.167

## University of Missouri Extension Southeast Missouri Crop Budget 2013 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	0.60	-	
Phosphate	40	Pounds	0.43	17.20	
Potash	65	Pounds	0.46	29.90	
Limestone	0.25	Tons	28.00	7.00	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Pre-Emerge	1	Acre	26.00	26.00	
Post-Emerge	0	Acre	0.00	-	
Insecticide	1	Acre	11.00	11.00	
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	21.00	21.00	
Machinery Repairs	1	Acre	11.00	11.00	
Irrigation Fuel (Acre Inches)	8	Acre	3.50	28.00	
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%	7.16	
<b>Total Variable</b>		Acre		<b>\$ 245.66</b>	
Fixed Machinery Cost	1	Acre	39.00	39.00	
Fixed Buildings & Bins Cost	1	Acre	5.00	5.00	
Fixed Irrigation Cost	1	Acre	67.00	67.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 356.66</b>	
Land Real Estate Taxes	1	Acre	0.25%	4.80	
Land Interest	1918	Acre	4.00%	76.72	
<b>Total Cost</b>		Acre		<b>\$ 438.17</b>	

\* 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	\$0.243	\$0.354	\$0.436	1700	\$0.145	\$0.210	\$0.258
1100	\$0.222	\$0.322	\$0.397	1800	\$0.137	\$0.199	\$0.244
1200	\$0.203	\$0.296	\$0.364	1900	\$0.130	\$0.188	\$0.231
1300	\$0.188	\$0.273	\$0.336	2000	\$0.124	\$0.179	\$0.220
1400	\$0.175	\$0.254	\$0.312	2100	\$0.118	\$0.171	\$0.210
1500	\$0.164	\$0.238	\$0.292	2200	\$0.113	\$0.163	\$0.200
1600	\$0.154	\$0.223	\$0.274	2300	\$0.108	\$0.156	\$0.192



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

**Crop 1 - Select Crop Below**

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

**Corn**

Price	Yield
\$5.45	150

Select Price and Yield  
For both crops

**Crop 2 - Select Crop Below**

**Roundup Ready Soybeans**  
 Irr No Till Convent. Soybeans  
 No Till LL Soybeans  
 Irrigated No Till LL Soybeans  
 No Till Grain Sorghum

**Soybeans**

Price	Yield	Price	Yield
\$12.50	50	\$0.00	0

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

Variable Costs	Total Cost
\$ 462.99	\$ 681.97
\$ 268.78	\$ 472.77

GMO Corn versus Roundup Ready Soybeans Equal returns Based on Variable Production Costs						
GMO Corn yields with the same net income as				\$12.50 Soybeans		
Soybeans Yields	Corn		Prices			
	\$4.95	\$5.20	\$5.45	\$5.70	\$5.95	\$6.20
	Corn		Yields			
40	141	134	128	123	118	113
45	154	146	140	134	128	123
50	167	159	151	145	139	133
55	179	171	163	156	149	143
60	192	183	174	167	160	153

  

GMO Corn versus Roundup Ready Soybeans Equal returns Based on Variable Production Costs						
RR Soybeans yields with the same net income as				\$5.45 Corn		
Corn Yields	Soybeans		Prices			
	\$11.50	\$12.00	\$12.50	\$13.00	\$13.50	\$14.00
	Soybeans		Yields			
130	45	43	41	40	38	37
140	49	47	46	44	42	41
150	54	52	50	48	46	45
160	59	56	54	52	50	48
170	64	61	59	56	54	52

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

**Crop 1 - Select Crop Below**

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

**Corn**  
 Price Yield  
 \$5.45 150  
 Select Price and Yield  
 For both crops

**Crop 2 - Select Crop Below**

**Roundup Ready Soybeans**  
 No Till RR Soybeans  
 Irrigated No Till RR Soybeans  
 No Till Convent. Soybeans  
 Irr No Till Convent. Soybeans

**Soybeans**  
 Price Yield Price Yield  
 \$12.50 50 \$0.00 0  
 Variable Total  
 Costs Cost  
 \$ 462.99 \$ 681.97  
 \$ 268.78 \$ 472.77

GMO Corn versus Roundup Ready Soybeans Net Returns Based on Variable Production Costs						
GMO Corn at	150	Bu/Ac	and	\$12.50	Soybeans	
Soybeans Yields	Corn		Prices			
	\$4.95	\$5.20	\$5.45	\$5.70	\$5.95	\$6.20
Corn Net Returns						
40	\$43	\$81	\$118	\$156	\$193	\$231
45	(\$19)	\$18	\$56	\$93	\$131	\$168
50	(\$82)	(\$44)	(\$7)	\$31	\$68	\$106
55	(\$144)	(\$107)	(\$69)	(\$32)	\$6	\$43
60	(\$207)	(\$169)	(\$132)	(\$94)	(\$57)	(\$19)

  

Roundup Ready Soybeans versus GMO Corn Net Returns Based on Variable Production Costs						
Roundup Ready Soybeans	50	Bu/Ac	and	\$5.45	Corn	
Corn Yields	Soybeans		Prices			
	\$11.50	\$12.00	\$12.50	\$13.00	\$13.50	\$14.00
Soybeans Net Returns						
130	65	91	116	141	166	191
140	11	36	61	86	112	137
150	(44)	(18)	7	32	57	82
160	(98)	(73)	(48)	(23)	3	28
170	(153)	(127)	(102)	(77)	(52)	(27)

## 2013 Estimated Returns per Acre

	Corn Non-GMO	Corn Irrigated Non-GMO	Corn GMO	Corn Irrigated GMO	Soybeans Liberty Link	Soybeans Irrigated Liberty Link	Soybeans Roundup Ready
Yield	140	200	140	200	45	55	45
Price	5.2	5.2	5.2	5.2	11.28	11.28	11.28
Revenue	728	1040	728	1040	507.6	620.4	507.6
Variable Expenses	\$ 434.15	\$ 580.82	\$ 462.99	\$ 620.99	\$ 285.21	\$ 341.19	\$ 268.78
Returns Over Variable	\$ 293.86	\$ 459.18	\$ 265.02	\$ 419.01	\$ 222.39	\$ 279.21	\$ 238.82
Machinery Expenses*	\$ 56.00	\$ 126.00	\$ 56.00	\$ 126.00	\$ 41.00	\$ 108.00	\$ 41.00
Returns Over Variable & Machinery Costs	\$ 237.86	\$ 333.18	\$ 209.02	\$ 293.01	\$ 181.39	\$ 171.21	\$ 197.82
Land Costs	162.99	162.99	162.99	162.99	162.99	162.99	162.99
Returns Over Specified Costs	\$ 74.87	\$ 170.20	\$ 46.03	\$ 130.03	\$ 18.41	\$ 8.22	\$ 34.83

<b>Soybeans Irrigated Roundup Ready</b>	<b>Soybeans Conv.</b>	<b>Soybeans Irrigated Conv.</b>	<b>Grain Sorghum</b>	<b>Grain Sorghum Irrigated</b>	<b>Popcorn</b>	<b>Cotton GMO</b>	<b>Cotton Irrigated GMO</b>
55	45	55	110	130	5000	850	1300
11.28	11.28	11.28	4.7	4.7	0.21	0.71	0.71
620.4	507.6	620.4	517	611	1050	603.5	923
\$ 325.07	\$ 243.85	\$ 297.88	\$ 325.44	\$ 409.79	\$ 487.71	\$ 503.36	\$ 564.23
\$ 295.33	\$ 263.75	\$ 322.52	\$ 191.56	\$ 201.21	\$ 562.30	\$ 100.14	\$ 358.77
\$ 108.00	\$ 41.00	\$ 108.00	\$ 56.00	\$ 125.00	\$ 114.00	\$ 98.00	\$ 165.00
\$ 187.33	\$ 222.75	\$ 214.52	\$ 135.56	\$ 76.21	\$ 448.30	\$ 2.14	\$ 193.77
162.99	162.99	162.99	162.99	162.99	162.99	162.99	162.99
\$ 24.34	\$ 59.76	\$ 51.54	\$ (27.43)	\$ (86.77)	\$ 285.31	\$ (160.85)	\$ 30.78

<b>Rice Conv.</b>	<b>Rice Clearfield</b>	<b>Rice Hybrid</b>	<b>Rice Clearfield Hybrid</b>	<b>Wheat</b>	<b>DC Soybeans Liberty Link</b>	<b>Wheat &amp; DC Soybeans Liberty Link</b>	<b>DC Soybeans Irrigated Liberty Link</b>
160	160	180	180	60	35	60/35	45
6.5	6.5	6.5	6.5	8.42	11.28	\$8.42/11.28	11.28
1040	1040	1170	1170	505.2	394.8	900	507.6
\$ 592.97	\$ 594.52	\$ 672.13	\$ 664.94	\$ 267.70	\$ 265.64	\$ 533.33	\$ 323.42
\$ 447.03	\$ 445.48	\$ 497.87	\$ 505.06	\$ 237.50	\$ 129.16	\$ 366.67	\$ 184.18
\$ 149.00	\$ 149.00	\$ 151.00	\$ 151.00	\$ 29.00	\$ 33.00	\$ 62.00	\$ 100.00
\$ 298.03	\$ 296.48	\$ 346.87	\$ 354.06	\$ 208.50	\$ 96.16	\$ 304.67	\$ 84.18
162.99	162.99	162.99	162.99	81.52	81.52	163.03	81.52
\$ 135.04	\$ 133.50	\$ 183.89	\$ 191.07	\$ 126.99	\$ 14.65	\$ 141.64	\$ 2.66

<b>Wheat &amp; DC Soybeans Irrigated Liberty Link 60/45</b>	<b>DC Soybeans Roundup Ready</b>	<b>Wheat &amp; DC Soybeans Roundup Ready</b>	<b>DC Soybeans Irrigated Roundup Ready</b>	<b>Wheat &amp; DC Soybeans Irrigated Roundup Ready 60/45</b>	<b>DC Soybeans Conv.</b>	<b>Wheat &amp; DC Soybeans Conv.</b>	<b>DC Soybeans Irrigated Conv.</b>
\$8.42/11.28 1012.8	35 11.28 394.8	60/35 \$8.42/11.28 900	45 11.28 507.6	\$8.42/11.28 1012.8	35 11.28 394.8	60/35 \$8.42/11.28 900	45 11.28 507.6
\$ 591.12	\$ 249.52	\$ 517.21	\$ 307.30	\$ 575.00	\$ 222.33	\$ 490.02	\$ 280.11
\$ 421.68	\$ 145.28	\$ 382.79	\$ 200.30	\$ 437.80	\$ 172.47	\$ 409.98	\$ 227.49
\$ 129.00	\$ 33.00	\$ 62.00	\$ 100.00	\$ 129.00	\$ 33.00	\$ 62.00	\$ 100.00
\$ 292.68	\$ 112.28	\$ 320.79	\$ 100.30	\$ 308.80	\$ 139.47	\$ 347.98	\$ 127.49
\$ 163.03	81.52	\$ 163.03	81.52	\$ 163.03	81.52	\$ 163.03	81.52
\$ 129.65	\$ 30.77	\$ 157.76	\$ 18.78	\$ 145.77	\$ 57.96	\$ 184.95	\$ 45.98

<b>Wheat &amp; DC Soybeans Irrigated Conv.</b>	<b>DC Grain Sorghum</b>	<b>Wheat &amp; DC Grain Sorghum</b>	<b>DC Irrigated Grain Sorghum</b>	<b>Wheat &amp; DC Grain Sorghum Irrigated</b>	<b>DC Southern Pea</b>	<b>Wheat &amp; DC Southern Pea</b>	<b>DC Southern Pea Irrigated</b>
60/45	70	60/70	90	60/90	1200	60/1200	1600
\$8.42/11.28	4.7	\$8.42/\$4.70	4.7	\$8.42/\$4.70	0.3	\$8.42/\$0.30	0.3
1012.8	329	834.2	423	928.2	360	865.2	480
\$ 547.81	\$ 271.42	\$ 539.11	\$ 371.57	\$ 639.27	\$ 188.18	\$ 455.88	\$ 245.66
\$ 464.99	\$ 57.58	\$ 295.09	\$ 51.43	\$ 288.93	\$ 171.82	\$ 409.32	\$ 234.35
\$ 129.00	\$ 46.00	\$ 75.00	\$ 113.00	\$ 142.00	\$ 44.00	\$ 73.00	\$ 111.00
\$ 335.99	\$ 11.58	\$ 220.09	\$ (61.57)	\$ 146.93	\$ 127.82	\$ 336.32	\$ 123.35
\$ 163.03	81.52	\$ 163.03	81.52	\$ 163.03	81.52	\$ 163.03	81.52
\$ 172.96	\$ (69.93)	\$ 57.06	\$ (143.09)	\$ (16.10)	\$ 46.30	\$ 173.29	\$ 41.83

**Wheat &  
DC  
Southern  
Pea  
Irrigated**

60/1600  
\$8.42/\$0.30  
985.2

\$ 513.35

\$ 471.85

\$ 140.00

\$ 331.85

\$ 163.03

\$ 168.82