

University of Missouri Extension Southeast Missouri Crop Budgets 2009

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

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

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

Procedure to Use the Crop Decision Aid Worksheet

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

You may print and distribute the budgets.

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

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

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Crop Budgets

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

University of Missouri Extension Southeast Missouri Crop Budget

2009 Corn Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.3	Bags	140.00	42.00	
Nitrogen	150	Pounds	0.44	66.00	
Phosphate	60	Pounds	0.65	39.00	
Potash	40	Pounds	0.70	28.00	
Limestone	0.5	Tons	25.00	12.50	
Starter Fertilizer	0	Acre	0.00	-	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Boron	0	Pounds	0.00	-	
Pre-Emerge	1	Acre	20.00	20.00	
Post-Emerge	1	Acre	10.00	10.00	
Fungicide	1	Acre	15.00	15.00	
Insecticide	1	Acre	6.00	6.00	
Drying Fuel & Electricity*	140	Bushels	0.17	23.80	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	18.00	18.00	
Machinery Repairs	1	Acre	12.00	12.00	
Hauling & Transportation*	140	Bushels	0.17	23.80	
Irrigation Fuel (Acre Inches)	0	Acre	2.50	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	18.00	18.00	
Irrigation Labor	0	Acre	4.00	-	
Custom Application	1	Acre	6.50	6.50	
Subtotal		Acre		\$ 350.60	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	14.02	
Total Variable		Acre		\$ 364.62	
Fixed Machinery Cost	1	Acre	42.00	42.00	
Fixed Irrigation Cost	0	Acre	70.00	-	
Total (Excluding Land)		Acre		\$ 406.62	
Land Real Estate Taxes	1	Acre	0.30%	8.90	
Land Interest	2966	Acre	4.00%	118.64	
Total Cost		Acre		\$ 534.16	

* Drying & Transportation Costs Change With Yields

Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
100	\$3.51	\$3.93	\$5.21	170	\$2.20	\$2.45	\$3.20
110	\$3.22	\$3.60	\$4.76	180	\$2.10	\$2.33	\$3.04
120	\$2.98	\$3.33	\$4.39	190	\$2.01	\$2.23	\$2.90
130	\$2.78	\$3.10	\$4.08	200	\$1.93	\$2.14	\$2.77
140	\$2.60	\$2.90	\$3.82	210	\$1.85	\$2.05	\$2.66
150	\$2.45	\$2.73	\$3.58	220	\$1.78	\$1.97	\$2.55
160	\$2.32	\$2.58	\$3.38	230	\$1.72	\$1.90	\$2.46

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

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.4	Bags	140.00	56.00	
Nitrogen	210	Pounds	0.44	92.40	
Phosphate	80	Pounds	0.65	52.00	
Potash	60	Pounds	0.70	42.00	
Limestone	0.5	Tons	25.00	12.50	
Starter Fertilizer	0	Acre	0.00	-	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Boron	0	Pounds	0.00	-	
Pre-Emerge	1	Acre	20.00	20.00	
Post-Emerge	1	Acre	10.00	10.00	
Fungicide	1	Acre	15.00	15.00	
Insecticide	1	Acre	6.00	6.00	
Drying Fuel & Electricity*	180	Bushels	0.17	30.60	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	18.00	18.00	
Machinery Repairs	1	Acre	12.00	12.00	
Hauling & Transportation*	180	Bushels	0.17	30.60	
Irrigation Fuel (Acre Inches)	12	Acre	2.50	30.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	18.00	18.00	
Irrigation Labor	1	Acre	4.00	4.00	
Custom Application	1	Acre	6.50	6.50	
Subtotal		Acre		\$ 477.60	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	19.10	
Total Variable		Acre		\$ 496.70	
Fixed Machinery Cost	1	Acre	42.00	42.00	
Fixed Irrigation Cost	1	Acre	70.00	70.00	
Total (Excluding Land)		Acre		\$ 608.70	
Land Real Estate Taxes	1	Acre	0.30%	8.90	
Land Interest	2966	Acre	4.00%	118.64	
Total Cost		Acre		\$ 736.24	

* Drying & Transportation Costs Change With Yields

Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
140	\$3.45	\$4.25	\$5.16	210	\$2.41	\$2.95	\$3.55
150	\$3.24	\$3.99	\$4.84	220	\$2.32	\$2.83	\$3.41
160	\$3.06	\$3.76	\$4.56	230	\$2.23	\$2.72	\$3.27
170	\$2.90	\$3.56	\$4.31	240	\$2.15	\$2.62	\$3.15
180	\$2.76	\$3.38	\$4.09	250	\$2.08	\$2.53	\$3.04
190	\$2.63	\$3.22	\$3.89	260	\$2.02	\$2.45	\$2.94
200	\$2.52	\$3.08	\$3.72	270	\$1.95	\$2.37	\$2.84

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

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.3	Bags	180.00	54.00	
Nitrogen	150	Pounds	0.44	66.00	
Phosphate	60	Pounds	0.65	39.00	
Potash	40	Pounds	0.70	28.00	
Limestone	0.5	Tons	25.00	12.50	
Starter Fertilizer	0	Acre	0.00	-	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Boron	0	Pounds	0.00	-	
Pre-Emerge	1	Acre	20.00	20.00	
Post-Emerge	1	Acre	10.00	10.00	
Fungicide	1	Acre	15.00	15.00	
Insecticide	1	Acre	6.00	6.00	
Drying Fuel & Electricity*	140	Bushels	0.17	23.80	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	18.00	18.00	
Machinery Repairs	1	Acre	12.00	12.00	
Hauling & Transportation*	140	Bushels	0.17	23.80	
Irrigation Fuel (Acre Inches)	0	Acre	2.50	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	18.00	18.00	
Irrigation Labor	0	Acre	4.00	-	
Custom Application	1	Acre	6.50	6.50	
Subtotal		Acre		\$ 362.60	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	14.50	
Total Variable		Acre		\$ 377.10	
Fixed Machinery Cost	1	Acre	42.00	42.00	
Fixed Irrigation Cost	0	Acre	70.00	-	
Total (Excluding Land)		Acre		\$ 419.10	
Land Real Estate Taxes	1	Acre	0.30%	8.90	
Land Interest	2966	Acre	4.00%	118.64	
Total Cost		Acre		\$ 546.64	

* 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	\$3.64	\$4.06	\$5.33	170	\$2.28	\$2.53	\$3.28
110	\$3.34	\$3.72	\$4.88	180	\$2.17	\$2.40	\$3.11
120	\$3.09	\$3.44	\$4.50	190	\$2.07	\$2.30	\$2.97
130	\$2.87	\$3.20	\$4.18	200	\$1.99	\$2.20	\$2.84
140	\$2.69	\$2.99	\$3.90	210	\$1.91	\$2.11	\$2.72
150	\$2.54	\$2.82	\$3.67	220	\$1.84	\$2.03	\$2.61
160	\$2.40	\$2.66	\$3.46	230	\$1.77	\$1.96	\$2.51

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

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.4	Bags	180.00	72.00	
Nitrogen	210	Pounds	0.44	92.40	
Phosphate	80	Pounds	0.65	52.00	
Potash	60	Pounds	0.70	42.00	
Limestone	0.5	Tons	25.00	12.50	
Starter Fertilizer	0	Acre	0.00	-	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Boron	0	Pounds	0.00	-	
Pre-Emerge	1	Acre	20.00	20.00	
Post-Emerge	1	Acre	10.00	10.00	
Fungicide	1	Acre	15.00	15.00	
Insecticide	1	Acre	6.00	6.00	
Drying Fuel & Electricity*	180	Bushels	0.17	30.60	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	18.00	18.00	
Machinery Repairs	1	Acre	12.00	12.00	
Hauling & Transportation*	180	Bushels	0.17	30.60	
Irrigation Fuel (Acre Inches)	12	Acre	2.50	30.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	18.00	18.00	
Irrigation Labor	1	Acre	4.00	4.00	
Custom Application	1	Acre	6.50	6.50	
Subtotal		Acre		\$ 493.60	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	19.74	
Total Variable		Acre		\$ 513.34	
Fixed Machinery Cost	1	Acre	42.00	42.00	
Fixed Irrigation Cost	1	Acre	70.00	70.00	
Total (Excluding Land)		Acre		\$ 625.34	
Land Real Estate Taxes	1	Acre	0.30%	8.90	
Land Interest	2966	Acre	4.00%	118.64	
Total Cost		Acre		\$ 752.88	

* Drying & Transportation Costs Change With Yields

Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
140	\$3.57	\$4.37	\$5.28	210	\$2.49	\$3.03	\$3.63
150	\$3.35	\$4.10	\$4.95	220	\$2.40	\$2.90	\$3.48
160	\$3.17	\$3.87	\$4.66	230	\$2.31	\$2.79	\$3.35
170	\$3.00	\$3.66	\$4.41	240	\$2.22	\$2.69	\$3.22
180	\$2.85	\$3.47	\$4.18	250	\$2.15	\$2.60	\$3.11
190	\$2.72	\$3.31	\$3.98	260	\$2.08	\$2.51	\$3.00
200	\$2.60	\$3.16	\$3.80	270	\$2.01	\$2.43	\$2.90

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

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.3	Bags	220.00	66.00	
Nitrogen	150	Pounds	0.44	66.00	
Phosphate	60	Pounds	0.65	39.00	
Potash	40	Pounds	0.70	28.00	
Limestone	0.5	Tons	25.00	12.50	
Starter Fertilizer	0	Acre	0.00	-	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Boron	0	Pounds	0.00	-	
Pre-Emerge	1	Acre	12.00	12.00	
Post-Emerge	1	Acre	22.00	22.00	
Fungicide	1	Acre	15.00	15.00	
Insecticide	1	Acre	6.00	6.00	
Drying Fuel & Electricity*	140	Bushels	0.17	23.80	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	18.00	18.00	
Machinery Repairs	1	Acre	12.00	12.00	
Hauling & Transportation*	140	Bushels	0.17	23.80	
Irrigation Fuel (Acre Inches)	0	Acre	2.50	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	18.00	18.00	
Irrigation Labor	0	Acre	4.00	-	
Custom Application	1	Acre	6.50	6.50	
Subtotal		Acre		\$ 378.60	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	15.14	
Total Variable		Acre		\$ 393.74	
Fixed Machinery Cost	1	Acre	42.00	42.00	
Fixed Irrigation Cost	0	Acre	70.00	-	
Total (Excluding Land)		Acre		\$ 435.74	
Land Real Estate Taxes	1	Acre	0.30%	8.90	
Land Interest	2966	Acre	4.00%	118.64	
Total Cost		Acre		\$ 563.28	

* 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	\$3.80	\$4.22	\$5.50	170	\$2.38	\$2.62	\$3.37
110	\$3.49	\$3.87	\$5.03	180	\$2.26	\$2.50	\$3.20
120	\$3.22	\$3.57	\$4.64	190	\$2.16	\$2.38	\$3.05
130	\$3.00	\$3.33	\$4.31	200	\$2.07	\$2.28	\$2.92
140	\$2.81	\$3.11	\$4.02	210	\$1.99	\$2.19	\$2.80
150	\$2.65	\$2.93	\$3.78	220	\$1.91	\$2.10	\$2.68
160	\$2.50	\$2.77	\$3.56	230	\$1.84	\$2.03	\$2.58

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

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.4	Bags	220.00	88.00	
Nitrogen	210	Pounds	0.44	92.40	
Phosphate	80	Pounds	0.65	52.00	
Potash	60	Pounds	0.70	42.00	
Limestone	0.5	Tons	25.00	12.50	
Starter Fertilizer	0	Acre	0.00	-	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Boron	0	Pounds	0.00	-	
Pre-Emerge	1	Acre	12.00	12.00	
Post-Emerge	1	Acre	22.00	22.00	
Fungicide	1	Acre	15.00	15.00	
Insecticide	1	Acre	6.00	6.00	
Drying Fuel & Electricity*	180	Bushels	0.17	30.60	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	18.00	18.00	
Machinery Repairs	1	Acre	12.00	12.00	
Hauling & Transportation*	180	Bushels	0.17	30.60	
Irrigation Fuel (Acre Inches)	12	Acre	2.50	30.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	18.00	18.00	
Irrigation Labor	1	Acre	4.00	4.00	
Custom Application	1	Acre	6.50	6.50	
Subtotal		Acre		\$ 513.60	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	20.54	
Total Variable		Acre		\$ 534.14	
Fixed Machinery Cost	1	Acre	42.00	42.00	
Fixed Irrigation Cost	1	Acre	70.00	70.00	
Total (Excluding Land)		Acre		\$ 646.14	
Land Real Estate Taxes	1	Acre	0.30%	8.90	
Land Interest	2966	Acre	4.00%	118.64	
Total Cost		Acre		\$ 773.68	

* 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
140	\$3.72	\$4.52	\$5.43	210	\$2.59	\$3.13	\$3.73
150	\$3.49	\$4.24	\$5.09	220	\$2.49	\$3.00	\$3.58
160	\$3.30	\$4.00	\$4.79	230	\$2.40	\$2.88	\$3.44
170	\$3.12	\$3.78	\$4.53	240	\$2.31	\$2.78	\$3.31
180	\$2.97	\$3.59	\$4.30	250	\$2.23	\$2.68	\$3.19
190	\$2.83	\$3.42	\$4.09	260	\$2.16	\$2.59	\$3.08
200	\$2.70	\$3.26	\$3.90	270	\$2.09	\$2.51	\$2.98

University of Missouri Extension Southeast Missouri Crop Budget 2009 Roundup Ready Soybean Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.1	Bags	44.00	48.40	
Nitrogen	0	Pounds	0.44	-	
Phosphate	40	Pounds	0.65	26.00	
Potash	60	Pounds	0.70	42.00	
Limestone	0.5	Tons	25.00	12.50	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	15.00	15.00	
Insecticide	1	Acre	6.00	6.00	
Burn Down Herbicides	0	Quarts	0.00	-	
Pre-Emerge	1	Acre	15.00	15.00	
Post-Emerge	2	Acre	10.00	20.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	11.00	11.00	
Machinery Repairs	1	Acre	8.00	8.00	
Hauling & Transportation*	45	Bushels	0.17	7.65	
Irrigation Fuel (Acre Inches)	0	Acre	2.50	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	11.00	11.00	
Irrigation Labor	0	Acre	4.00	-	
Custom Application	1	Acre	6.50	6.50	
Subtotal		Acre		\$ 239.05	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	9.56	
Total Variable		Acre		\$ 248.61	
Fixed Machinery Cost	1	Acre	30.00	30.00	
Fixed Irrigation Cost	0	Acre	70.00	-	
Total (Excluding Land)		Acre		\$ 278.61	
Land Real Estate Taxes	1	Acre	0.30%	8.90	
Land Interest	2966	Acre	4.00%	118.64	
Total Cost		Acre		\$ 406.15	

* 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
20	\$12.22	\$13.72	\$20.10	55	\$4.55	\$5.10	\$7.42
25	\$9.81	\$11.01	\$16.11	60	\$4.19	\$4.69	\$6.81
30	\$8.20	\$9.20	\$13.45	65	\$3.88	\$4.34	\$6.30
35	\$7.05	\$7.91	\$11.56	70	\$3.61	\$4.04	\$5.86
40	\$6.19	\$6.94	\$10.13	75	\$3.38	\$3.78	\$5.48
45	\$5.52	\$6.19	\$9.03	80	\$3.18	\$3.56	\$5.15
50	\$4.99	\$5.59	\$8.14	85	\$3.00	\$3.36	\$4.86

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

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.2	Bags	44.00	52.80	
Nitrogen	0	Pounds	0.44	-	
Phosphate	40	Pounds	0.65	26.00	
Potash	70	Pounds	0.70	49.00	
Limestone	0.5	Tons	25.00	12.50	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	15.00	15.00	
Insecticide	1	Acre	6.00	6.00	
Burn Down Herbicides	0	Quarts	0.00	-	
Pre-Emerge	1	Acre	15.00	15.00	
Post-Emerge	2	Acre	10.00	20.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	11.00	11.00	
Machinery Repairs	1	Acre	8.00	8.00	
Hauling & Transportation*	50	Bushels	0.17	8.50	
Irrigation Fuel (Acre Inches)	8	Acre	2.50	20.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	11.00	11.00	
Irrigation Labor	1	Acre	4.00	4.00	
Custom Application	1	Acre	6.50	6.50	
Subtotal		Acre		\$ 287.30	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	11.49	
Total Variable		Acre		\$ 298.79	
Fixed Machinery Cost	1	Acre	30.00	30.00	
Fixed Irrigation Cost	1	Acre	70.00	70.00	
Total (Excluding Land)		Acre		\$ 398.79	
Land Real Estate Taxes	1	Acre	0.30%	8.90	
Land Interest	2966	Acre	4.00%	118.64	
Total Cost		Acre		\$ 526.33	

* 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	\$9.85	\$13.18	\$17.43	65	\$4.64	\$6.17	\$8.14
35	\$8.46	\$11.32	\$14.97	70	\$4.32	\$5.75	\$7.57
40	\$7.43	\$9.93	\$13.12	75	\$4.04	\$5.37	\$7.07
45	\$6.62	\$8.84	\$11.68	80	\$3.80	\$5.05	\$6.64
50	\$5.98	\$7.98	\$10.53	85	\$3.59	\$4.76	\$6.26
55	\$5.45	\$7.27	\$9.59	90	\$3.40	\$4.51	\$5.92
60	\$5.01	\$6.67	\$8.80	95	\$3.23	\$4.28	\$5.62

University of Missouri Extension Southeast Missouri Crop Budget

2009 Conventional Soybean Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.1	Bags	23.00	25.30	
Nitrogen	0	Pounds	0.44	-	
Phosphate	40	Pounds	0.65	26.00	
Potash	60	Pounds	0.70	42.00	
Limestone	0.5	Tons	25.00	12.50	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	15.00	15.00	
Insecticide	1	Acre	6.00	6.00	
Burn Down Herbicides	0	Quarts	0.00	-	
Pre-Emerge	1	Acre	15.00	15.00	
Post-Emerge	1	Acre	30.00	30.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	11.00	11.00	
Machinery Repairs	1	Acre	8.00	8.00	
Hauling & Transportation*	45	Bushels	0.17	7.65	
Irrigation Fuel (Acre Inches)	0	Acre	2.50	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	11.00	11.00	
Irrigation Labor	0	Acre	4.00	-	
Custom Application	1	Acre	6.50	6.50	
Subtotal		Acre		\$ 225.95	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	9.04	
Total Variable		Acre		\$ 234.99	
Fixed Machinery Cost	1	Acre	30.00	30.00	
Fixed Irrigation Cost	0	Acre	70.00	-	
Total (Excluding Land)		Acre		\$ 264.99	
Land Real Estate Taxes	1	Acre	0.30%	8.90	
Land Interest	2966	Acre	4.00%	118.64	
Total Cost		Acre		\$ 392.53	

* 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	\$11.54	\$13.04	\$19.41	55	\$4.30	\$4.85	\$7.17
25	\$9.26	\$10.46	\$15.57	60	\$3.96	\$4.46	\$6.58
30	\$7.75	\$8.75	\$13.00	65	\$3.67	\$4.13	\$6.09
35	\$6.67	\$7.52	\$11.17	70	\$3.42	\$3.85	\$5.67
40	\$5.85	\$6.60	\$9.79	75	\$3.20	\$3.60	\$5.30
45	\$5.22	\$5.89	\$8.72	80	\$3.01	\$3.39	\$4.98
50	\$4.72	\$5.32	\$7.87	85	\$2.84	\$3.20	\$4.70

University of Missouri Extension Southeast Missouri Crop Budget

2009 Center Pivot Irr. Conventional Soybean Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.2	Bags	23.00	27.60	
Nitrogen	0	Pounds	0.44	-	
Phosphate	40	Pounds	0.65	26.00	
Potash	60	Pounds	0.70	42.00	
Limestone	0.5	Tons	25.00	12.50	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	15.00	15.00	
Insecticide	1	Acre	6.00	6.00	
Burn Down Herbicides	0	Quarts	0.00	-	
Pre-Emerge	1	Acre	15.00	15.00	
Post-Emerge	1	Acre	30.00	30.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	11.00	11.00	
Machinery Repairs	1	Acre	8.00	8.00	
Hauling & Transportation*	50	Bushels	0.17	8.50	
Irrigation Fuel (Acre Inches)	8	Acre	2.50	20.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	11.00	11.00	
Irrigation Labor	1	Acre	4.00	4.00	
Custom Application	1	Acre	6.50	6.50	
Subtotal		Acre		\$ 265.10	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	10.60	
Total Variable		Acre		\$ 275.70	
Fixed Machinery Cost	1	Acre	30.00	30.00	
Fixed Irrigation Cost	1	Acre	70.00	70.00	
Total (Excluding Land)		Acre		\$ 375.70	
Land Real Estate Taxes	1	Acre	0.30%	8.90	
Land Interest	2966	Acre	4.00%	118.64	
Total Cost		Acre		\$ 503.24	

* Drying & Transportation Costs Change With Yields

Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
20	\$13.53	\$18.53	\$24.91	55	\$5.03	\$6.85	\$9.17
25	\$10.86	\$14.86	\$19.96	60	\$4.62	\$6.29	\$8.42
30	\$9.08	\$12.41	\$16.66	65	\$4.28	\$5.82	\$7.78
35	\$7.80	\$10.66	\$14.31	70	\$3.99	\$5.42	\$7.24
40	\$6.85	\$9.35	\$12.54	75	\$3.73	\$5.07	\$6.77
45	\$6.11	\$8.33	\$11.16	80	\$3.51	\$4.76	\$6.35
50	\$5.51	\$7.51	\$10.06	85	\$3.31	\$4.49	\$5.99

University of Missouri Extension Southeast Missouri Crop Budget

2009 Grain Sorghum Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.16	Bags	90.00	14.40	
Nitrogen	125	Pounds	0.44	55.00	
Phosphate	60	Pounds	0.65	39.00	
Potash	40	Pounds	0.70	28.00	
Limestone	0.5	Tons	25.00	12.50	
Starter Fertilizer	0	Acre	0.00	-	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Boron	0	Pounds	0.00	-	
Pre-Emerge	1	Acre	26.00	26.00	
Post-Emerge	1	Acre	4.00	4.00	
Fungicide	0	Acre	0.00	-	
Insecticide	1	Acre	6.00	6.00	
Drying Fuel & Electricity*	110	Bushels	0.17	18.70	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	19.00	19.00	
Machinery Repairs	1	Acre	12.00	12.00	
Hauling & Transportation*	110	Bushels	0.17	18.70	
Irrigation Fuel (Acre Inches)	0	Acre	2.50	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	19.00	19.00	
Irrigation Labor	0	Acre	4.00	-	
Custom Application	1	Acre	6.50	6.50	
Subtotal		Acre		\$ 288.80	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	11.55	
Total Variable		Acre		\$ 300.35	
Fixed Machinery Cost	1	Acre	40.00	40.00	
Fixed Irrigation Cost	0	Acre	70.00	-	
Total (Excluding Land)		Acre		\$ 340.35	
Land Real Estate Taxes	1	Acre	0.30%	8.90	
Land Interest	2966	Acre	4.00%	118.64	
Total Cost		Acre		\$ 467.89	

* 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
70	\$4.10	\$4.67	\$6.49	140	\$2.22	\$2.50	\$3.41
80	\$3.63	\$4.13	\$5.72	150	\$2.09	\$2.36	\$3.21
90	\$3.26	\$3.71	\$5.12	160	\$1.98	\$2.23	\$3.03
100	\$2.97	\$3.37	\$4.64	170	\$1.89	\$2.12	\$2.87
110	\$2.73	\$3.09	\$4.25	180	\$1.80	\$2.02	\$2.73
120	\$2.53	\$2.86	\$3.93	190	\$1.72	\$1.93	\$2.61
130	\$2.36	\$2.67	\$3.65	200	\$1.65	\$1.85	\$2.49

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

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.2	Bags	90.00	18.00	
Nitrogen	150	Pounds	0.44	66.00	
Phosphate	65	Pounds	0.65	42.25	
Potash	40	Pounds	0.70	28.00	
Limestone	0.5	Tons	25.00	12.50	
Starter Fertilizer	0	Acre	0.00	-	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Boron	0	Pounds	0.00	-	
Pre-Emerge	1	Acre	26.00	26.00	
Post-Emerge	1	Acre	4.00	4.00	
Fungicide	0	Acre	0.00	-	
Insecticide	1	Acre	6.00	6.00	
Drying Fuel & Electricity*	130	Bushels	0.17	22.10	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	19.00	19.00	
Machinery Repairs	1	Acre	12.00	12.00	
Hauling & Transportation*	130	Bushels	0.17	22.10	
Irrigation Fuel (Acre Inches)	10	Acre	2.50	25.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	19.00	19.00	
Irrigation Labor	1	Acre	4.00	4.00	
Custom Application	1	Acre	6.50	6.50	
Subtotal		Acre		\$ 354.45	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	14.18	
Total Variable		Acre		\$ 368.63	
Fixed Machinery Cost	1	Acre	40.00	40.00	
Fixed Irrigation Cost	1	Acre	66.00	70.00	
Total (Excluding Land)		Acre		\$ 478.63	
Land Real Estate Taxes	1	Acre	0.30%	8.90	
Land Interest	2966	Acre	4.00%	118.64	
Total Cost		Acre		\$ 606.17	

* 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	\$3.58	\$4.68	\$5.96	170	\$2.25	\$2.90	\$3.65
110	\$3.29	\$4.29	\$5.45	180	\$2.14	\$2.75	\$3.46
120	\$3.04	\$3.96	\$5.02	190	\$2.05	\$2.63	\$3.30
130	\$2.84	\$3.68	\$4.66	200	\$1.96	\$2.51	\$3.15
140	\$2.66	\$3.44	\$4.35	210	\$1.88	\$2.41	\$3.02
150	\$2.50	\$3.24	\$4.09	220	\$1.81	\$2.31	\$2.89
160	\$2.37	\$3.06	\$3.85	230	\$1.75	\$2.23	\$2.78

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

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	2.25	Bags	16.00	36.00	
Nitrogen	105	Pounds	0.44	46.20	
Phosphate	40	Pounds	0.65	26.00	
Potash	20	Pounds	0.70	14.00	
Limestone	0.25	Tons	25.00	6.25	
Starter Fertilizer	0	Acre	0.00	-	
Zinc	0	Pounds	0.00	-	
Sulfur	12	Pounds	0.65	7.80	
Boron	0	Pounds	0.00	-	
Post-Emerge - Ryegrass	1	Acre	18.00	18.00	
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*	70	Bushels	0.08	5.60	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel	1	Acre	12.00	12.00	
Machinery Repairs	1	Acre	8.00	8.00	
Hauling & Transportation*	70	Bushels	0.17	11.90	
Irrigation Fuel (Acre Inches)	0	Acre	2.50	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	12.00	12.00	
Irrigation Labor	0	Acre	4.00	-	
Custom Application	1	Acre	6.50	6.50	
Subtotal		Acre		\$ 252.25	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	10.09	
Total Variable		Acre		\$ 262.34	
Fixed Machinery Cost	1	Acre	29.00	29.00	
Fixed Irrigation Cost	0	Acre	70.00	-	
Total (Excluding Land)		Acre		\$ 291.34	
Land Real Estate Taxes	1	Acre	0.30%	4.45	
Land Interest	1483	Acre	4.00%	59.32	
Total Cost		Acre		\$ 355.11	

* Drying & Transportation Costs Change With Yields

Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
40	\$6.37	\$7.10	\$8.69	75	\$3.51	\$3.90	\$4.75
45	\$5.69	\$6.34	\$7.75	80	\$3.31	\$3.67	\$4.47
50	\$5.15	\$5.73	\$7.00	85	\$3.13	\$3.47	\$4.22
55	\$4.70	\$5.23	\$6.39	90	\$2.97	\$3.29	\$4.00
60	\$4.33	\$4.81	\$5.88	95	\$2.83	\$3.13	\$3.80
65	\$4.02	\$4.46	\$5.44	100	\$2.70	\$2.99	\$3.63
70	\$3.75	\$4.16	\$5.07	105	\$2.58	\$2.86	\$3.47

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

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	10	Pounds	3.80	38.00	
Nitrogen	185	Pounds	0.44	81.40	
Phosphate	80	Pounds	0.65	52.00	
Potash	60	Pounds	0.70	42.00	
Limestone	0.5	Tons	25.00	12.50	
Starter Fertilizer	0	Acre	0.00	-	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Boron	0	Pounds	0.00	-	
Pre-Emerge	1	Acre	30.00	30.00	
Post-Emerge	1	Acre	4.00	4.00	
Fungicide	1	Acre	0.00	-	
Insecticide	1	Acre	10.00	10.00	
Drying Fuel & Electricity*	0	Bushels	0.14	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	18.00	18.00	
Machinery Repairs	1	Acre	12.00	12.00	
Hauling & Transportation*	5000	Pounds	0.0020	10.00	
Irrigation Fuel (Acre Inches)	12	Acre	2.50	30.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	18.00	18.00	
Irrigation Labor	1	Acre	4.00	4.00	
Custom Application	1	Acre	6.50	6.50	
Subtotal		Acre		\$ 390.40	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	15.62	
Total Variable		Acre		\$ 406.02	
Fixed Machinery Cost	1	Acre	42.00	42.00	
Fixed Irrigation Cost	1	Acre	70.00	70.00	
Total (Excluding Land)		Acre		\$ 518.02	
Land Real Estate Taxes	1	Acre	0.30%	8.90	
Land Interest	2966	Acre	4.00%	118.64	
Total Cost		Acre		\$ 645.55	

* 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	\$0.134	\$0.171	\$0.214	4750	\$0.085	\$0.109	\$0.136
3250	\$0.124	\$0.158	\$0.198	5000	\$0.081	\$0.104	\$0.129
3500	\$0.115	\$0.147	\$0.184	5250	\$0.077	\$0.099	\$0.123
3750	\$0.108	\$0.137	\$0.171	5500	\$0.074	\$0.094	\$0.118
4000	\$0.101	\$0.129	\$0.161	5750	\$0.071	\$0.090	\$0.113
4250	\$0.095	\$0.122	\$0.152	6000	\$0.068	\$0.087	\$0.108
4500	\$0.090	\$0.115	\$0.143	6250	\$0.065	\$0.083	\$0.104

University of Missouri Extension Southeast Missouri Crop Budget 2009 Bollgard II/R. R. Flex Cotton Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed**	1	Acre	99.00	99.00	
Nitrogen	80	Pounds	0.44	35.20	
Phosphate	30	Pounds	0.65	19.50	
Potash	30	Pounds	0.70	21.00	
Limestone	0.5	Tons	25.00	12.50	
Sulfur	0	Pounds	0.00	-	
Boron	1	Pounds	3.50	3.50	
Early - Post with Residual	0.5	Acre	22.00	11.00	
Post-Emerge - Glyphosate	2	Acre	10.00	20.00	
Post-Emerge - Layby	1	Acre	15.00	15.00	
Insecticide	1	Acre	30.00	30.00	
Boll Weevil Eradication	1	Acre	5.00	5.00	
Growth Regulator	1	Acre	4.00	4.00	
Defoliation	1	Acre	14.00	14.00	
Ginning (changes with Yield)	0	Pounds	0.00	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	32.00	32.00	
Machinery Repairs	1	Acre	24.00	24.00	
Irrigation Fuel (Acre Inches)	0	Acre	2.50	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	33.00	33.00	
Scout	1	Acre	8.00	8.00	
Irrigation Labor	0	Acre	4.00	-	
Custom Application	2	Acre	6.50	13.00	
Subtotal		Acre		\$ 409.70	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	16.39	
Total Variable		Acre		\$ 426.09	
Fixed Machinery Cost	1	Acre	98.00	98.00	
Fixed Irrigation Cost	0	Acre	70.00	-	
Total (Excluding Land)		Acre		\$ 524.09	
Land Real Estate Taxes	1	Acre	0.30%	8.90	
Land Interest	2966	Acre	4.00%	118.64	
Total Cost		Acre		\$ 651.63	

**Seed cost includes Technology Fee

Breakeven Price in Cents/Pound

Yield Lb/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Lb/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
480	\$0.888	\$1.092	\$1.358	900	\$0.473	\$0.582	\$0.724
540	\$0.789	\$0.971	\$1.207	960	\$0.444	\$0.546	\$0.679
600	\$0.710	\$0.873	\$1.086	1020	\$0.418	\$0.514	\$0.639
660	\$0.646	\$0.794	\$0.987	1080	\$0.395	\$0.485	\$0.603
720	\$0.592	\$0.728	\$0.905	1140	\$0.374	\$0.460	\$0.572
780	\$0.546	\$0.672	\$0.835	1200	\$0.355	\$0.437	\$0.543
840	\$0.507	\$0.624	\$0.776	1260	\$0.338	\$0.416	\$0.517

University of Missouri Extension Southeast Missouri Crop Budget 2009 Center Pivot Irr. Bollgard II/R. R. Flex Cotton

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed**	1	Acre	99.00	99.00	
Nitrogen	80	Pounds	0.44	35.20	
Phosphate	40	Pounds	0.65	26.00	
Potash	35	Pounds	0.70	24.50	
Limestone	0.5	Tons	25.00	12.50	
Sulfur	0	Pounds	0.00	-	
Boron	1	Pounds	3.50	3.50	
Early - Post with Residual	0.5	Acre	22.00	11.00	
Post-Emerge - Glyphosate	2	Acre	10.00	20.00	
Post-Emerge - Layby	1	Acre	15.00	15.00	
Insecticide	1	Acre	30.00	30.00	
Boll Weevil Eradication	1	Acre	5.00	5.00	
Growth Regulator	2	Acre	4.00	8.00	
Defoliation	1	Acre	14.00	14.00	
Ginning (changes with Yield)	0	Pounds	0.00	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	32.00	32.00	
Machinery Repairs	1	Acre	24.00	24.00	
Irrigation Fuel (Acre Inches)	9	Acre	2.50	22.50	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	33.00	33.00	
Scout	1	Acre	8.00	8.00	
Irrigation Labor	1	Acre	4.00	4.00	
Custom Application	2	Acre	6.50	13.00	
Subtotal		Acre		\$ 462.20	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	18.49	
Total Variable		Acre		\$ 480.69	
Fixed Machinery Cost	1	Acre	98.00	98.00	
Fixed Irrigation Cost	1	Acre	70.00	70.00	
Total (Excluding Land)		Acre		\$ 648.69	
Land Real Estate Taxes	1	Acre	0.30%	8.90	
Land Interest	2966	Acre	4.00%	118.64	
Total Cost		Acre		\$ 776.23	

**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	\$0.668	\$0.901	\$1.078	1140	\$0.422	\$0.569	\$0.681
780	\$0.616	\$0.832	\$0.995	1200	\$0.401	\$0.541	\$0.647
840	\$0.572	\$0.772	\$0.924	1260	\$0.381	\$0.515	\$0.616
900	\$0.534	\$0.721	\$0.862	1320	\$0.364	\$0.491	\$0.588
960	\$0.501	\$0.676	\$0.809	1380	\$0.348	\$0.470	\$0.562
1020	\$0.471	\$0.636	\$0.761	1440	\$0.334	\$0.450	\$0.539
1080	\$0.445	\$0.601	\$0.719	1500	\$0.320	\$0.432	\$0.517

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

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	96	Pounds	0.25	24.00	
Nitrogen	150	Pounds	0.44	66.00	
Phosphate	30	Pounds	0.65	19.50	
Potash	40	Pounds	0.70	28.00	
Limestone	0	Tons	25.00	-	
Zinc	3	Pounds	2.75	8.25	
Sulfur	0	Pounds	0.00	-	
Fungicide	1	Acre	18.00	18.00	
Pre-Emerge	1	Acre	13.00	13.00	
Post-Emerge	1	Acre	45.00	45.00	
Insecticide	0	Acre	0.00	-	
Drying (Custom/Bushel)*	160	Bushels	0.30	48.00	
Hauling & Transportation*	160	Bushels	0.17	27.20	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	26.00	26.00	
Machinery Repairs	1	Acre	14.00	14.00	
Irrigation Fuel	1	Acre	50.00	50.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	24.00	24.00	
Scout	1	Acre	8.00	8.00	
Irrigation Labor	1	Acre	7.00	7.00	
Custom Application	4	Acre	6.50	26.00	
Subtotal		Acre		\$ 473.95	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	18.96	
Total Variable		Acre		\$ 492.91	
Fixed Machinery Cost	1	Acre	59.00	59.00	
Fixed Irrigation Cost	1	Acre	70.00	70.00	
Total (Excluding Land)		Acre		\$ 621.91	
Land Real Estate Taxes	1	Acre	0.30%	8.90	
Land Interest	2966	Acre	4.00%	118.64	
Total Cost		Acre		\$ 749.45	

* Drying & Transportation Costs Change With Yields

Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
100	\$4.65	\$5.94	\$7.21	170	\$2.93	\$3.69	\$4.44
110	\$4.27	\$5.44	\$6.60	180	\$2.79	\$3.51	\$4.22
120	\$3.95	\$5.03	\$6.09	190	\$2.67	\$3.35	\$4.02
130	\$3.68	\$4.68	\$5.66	200	\$2.56	\$3.20	\$3.84
140	\$3.45	\$4.38	\$5.29	210	\$2.46	\$3.07	\$3.68
150	\$3.25	\$4.11	\$4.96	220	\$2.37	\$2.96	\$3.53
160	\$3.08	\$3.89	\$4.68	230	\$2.29	\$2.85	\$3.40

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

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	85	Pounds	0.56	47.60	
Nitrogen	150	Pounds	0.44	66.00	
Phosphate	30	Pounds	0.65	19.50	
Potash	40	Pounds	0.70	28.00	
Limestone	0	Tons	25.00	-	
Zinc	3	Pounds	2.75	8.25	
Sulfur	0	Pounds	0.00	-	
Fungicide	1	Acre	18.00	18.00	
Post-Emerge - Newpath	1	Acre	30.00	30.00	
Post-Emerge - Propanil	1	Acre	10.00	10.00	
Insecticide	0	Acre	0.00	-	
Drying (Custom/Bushel)*	160	Bushels	0.30	48.00	
Hauling & Transportation*	160	Bushels	0.17	27.20	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	26.00	26.00	
Machinery Repairs	1	Acre	14.00	14.00	
Irrigation Fuel	1	Acre	50.00	50.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	24.00	24.00	
Scout	1	Acre	8.00	8.00	
Irrigation Labor	1	Acre	7.00	7.00	
Custom Application	4	Acre	6.50	26.00	
Subtotal		Acre		\$ 479.55	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	19.18	
Total Variable		Acre		\$ 498.73	
Fixed Machinery Cost	1	Acre	59.00	59.00	
Fixed Irrigation Cost	1	Acre	70.00	70.00	
Total (Excluding Land)		Acre		\$ 627.73	
Land Real Estate Taxes	1	Acre	0.30%	8.90	
Land Interest	2966	Acre	4.00%	118.64	
Total Cost		Acre		\$ 755.27	

* 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
100	\$4.71	\$6.00	\$7.27	170	\$2.96	\$3.72	\$4.47
110	\$4.32	\$5.49	\$6.65	180	\$2.82	\$3.54	\$4.25
120	\$4.00	\$5.07	\$6.14	190	\$2.70	\$3.38	\$4.05
130	\$3.73	\$4.72	\$5.70	200	\$2.59	\$3.23	\$3.87
140	\$3.50	\$4.42	\$5.33	210	\$2.49	\$3.10	\$3.71
150	\$3.29	\$4.15	\$5.00	220	\$2.40	\$2.98	\$3.56
160	\$3.12	\$3.92	\$4.72	230	\$2.31	\$2.87	\$3.43

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

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	30	Pounds	3.00	90.00	
Nitrogen	150	Pounds	0.44	66.00	
Phosphate	30	Pounds	0.65	19.50	
Potash	40	Pounds	0.70	28.00	
Limestone	0	Tons	25.00	-	
Zinc	3	Pounds	2.75	8.25	
Sulfur	0	Pounds	0.00	-	
Fungicide	0	Ounces	0.00	-	
Pre-Emerge	1	Acre	13.00	13.00	
Post-Emerge	1	Acre	45.00	45.00	
Insecticide	0	Acre	0.00	-	
Drying (Custom/Bushel)*	180	Bushels	0.30	54.00	
Hauling & Transportation*	180	Bushels	0.17	30.60	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	26.00	26.00	
Machinery Repairs	1	Acre	14.00	14.00	
Irrigation Fuel	1	Acre	50.00	50.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	24.00	24.00	
Scout	1	Acre	8.00	8.00	
Irrigation Labor	1	Acre	7.00	7.00	
Custom Application	3	Acre	6.50	19.50	
Subtotal		Acre		\$ 524.85	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	20.99	
Total Variable		Acre		\$ 545.84	
Fixed Machinery Cost	1	Acre	59.00	59.00	
Fixed Irrigation Cost	1	Acre	70.00	70.00	
Total (Excluding Land)		Acre		\$ 674.84	
Land Real Estate Taxes	1	Acre	0.30%	8.90	
Land Interest	2966	Acre	4.00%	118.64	
Total Cost		Acre		\$ 802.38	

* 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	\$4.31	\$5.39	\$6.45	190	\$2.90	\$3.58	\$4.25
130	\$4.02	\$5.01	\$5.99	200	\$2.78	\$3.42	\$4.06
140	\$3.76	\$4.69	\$5.60	210	\$2.67	\$3.28	\$3.89
150	\$3.54	\$4.40	\$5.26	220	\$2.57	\$3.15	\$3.73
160	\$3.35	\$4.16	\$4.96	230	\$2.48	\$3.04	\$3.59
170	\$3.18	\$3.94	\$4.69	240	\$2.39	\$2.93	\$3.46
180	\$3.03	\$3.75	\$4.46	250	\$2.31	\$2.83	\$3.34

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

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	30	Pounds	4.00	126.00	
Nitrogen	150	Pounds	0.44	66.00	
Phosphate	30	Pounds	0.65	19.50	
Potash	40	Pounds	0.70	28.00	
Limestone	0	Tons	25.00	-	
Zinc	3	Pounds	2.75	8.25	
Sulfur	0	Pounds	0.00	-	
Fungicide	0	Ounces	2.00	-	
Post-Emerge - Newpath	1	Acre	30.00	30.00	
Post-Emerge - Propanil	1	Acre	10.00	10.00	
Insecticide	0	Acre	0.00	-	
Drying (Custom/Bushel)*	180	Bushels	0.30	54.00	
Hauling & Transportation*	180	Bushels	0.17	30.60	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	26.00	26.00	
Machinery Repairs	1	Acre	14.00	14.00	
Irrigation Fuel	1	Acre	50.00	50.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	24.00	24.00	
Scout	1	Acre	8.00	8.00	
Irrigation Labor	1	Acre	7.00	7.00	
Custom Application	3	Acre	6.50	19.50	
Subtotal		Acre		\$ 542.85	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	21.71	
Total Variable		Acre		\$ 564.56	
Fixed Machinery Cost	1	Acre	59.00	59.00	
Fixed Irrigation Cost	1	Acre	70.00	70.00	
Total (Excluding Land)		Acre		\$ 693.56	
Land Real Estate Taxes	1	Acre	0.30%	8.90	
Land Interest	2966	Acre	4.00%	118.64	
Total Cost		Acre		\$ 821.10	

* 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	\$4.47	\$5.54	\$6.61	190	\$3.00	\$3.68	\$4.35
130	\$4.16	\$5.15	\$6.14	200	\$2.87	\$3.51	\$4.15
140	\$3.90	\$4.82	\$5.73	210	\$2.76	\$3.37	\$3.98
150	\$3.67	\$4.53	\$5.38	220	\$2.65	\$3.24	\$3.82
160	\$3.47	\$4.28	\$5.07	230	\$2.56	\$3.12	\$3.67
170	\$3.29	\$4.05	\$4.80	240	\$2.47	\$3.01	\$3.54
180	\$3.14	\$3.85	\$4.56	250	\$2.39	\$2.91	\$3.42

University of Missouri Extension Southeast Missouri Crop Budget

2009 No-Till Double Crop Roundup Ready Soybean

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.2	Bags	44.00	52.80	
Nitrogen	0	Pounds	0.44	-	
Phosphate	30	Pounds	0.65	19.50	
Potash	50	Pounds	0.70	35.00	
Limestone	0.25	Tons	25.00	6.25	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	15.00	15.00	
Insecticide	2	Acre	6.00	12.00	
Burn Down Herbicides	1	Acre	10.00	10.00	
Pre-Emerge	0	Acre	0.00	-	
Post-Emerge	2	Acre	10.00	20.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel	1	Acre	8.00	8.00	
Machinery Repairs	1	Acre	6.00	6.00	
Hauling & Transportation*	35	Bushels	0.17	5.95	
Irrigation Fuel (Acre Inches)	0	Acre	2.50	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	9.00	9.00	
Irrigation Labor	0	Acre	4.00	-	
Custom Application	1	Acre	6.50	6.50	
Subtotal		Acre		\$ 211.00	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	8.44	
Total Variable		Acre		\$ 219.44	
Fixed Machinery Cost	1	Acre	23.00	23.00	
Fixed Irrigation Cost	0	Acre	70.00	-	
Total (Excluding Land)		Acre		\$ 242.44	
Land Real Estate Taxes	1	Acre	0.30%	4.45	
Land Interest	1483	Acre	4.00%	59.32	
Total Cost		Acre		\$ 306.21	

* 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	\$10.84	\$11.99	\$15.18	55	\$4.05	\$4.47	\$5.63
25	\$8.71	\$9.63	\$12.18	60	\$3.73	\$4.11	\$5.17
30	\$7.29	\$8.05	\$10.18	65	\$3.45	\$3.81	\$4.79
35	\$6.27	\$6.93	\$8.75	70	\$3.22	\$3.55	\$4.46
40	\$5.51	\$6.08	\$7.68	75	\$3.02	\$3.32	\$4.17
45	\$4.91	\$5.43	\$6.84	80	\$2.84	\$3.13	\$3.92
50	\$4.44	\$4.90	\$6.18	85	\$2.68	\$2.95	\$3.70

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

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.2	Bags	44.00	52.80	
Nitrogen	0	Pounds	0.44	-	
Phosphate	40	Pounds	0.65	26.00	
Potash	65	Pounds	0.70	45.50	
Limestone	0.25	Tons	25.00	6.25	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	15.00	15.00	
Insecticide	2	Acre	6.00	12.00	
Burn Down Herbicides	1	Acre	10.00	10.00	
Pre-Emerge	0	Acre	0.00	-	
Post-Emerge	2	Acre	10.00	20.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel	1	Acre	8.00	8.00	
Machinery Repairs	1	Acre	6.00	6.00	
Hauling & Transportation*	45	Bushels	0.17	7.65	
Irrigation Fuel (Acre Inches)	8	Acre	2.50	20.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	9.00	9.00	
Irrigation Labor	1	Acre	4.00	4.00	
Custom Application	1	Acre	6.50	6.50	
Subtotal		Acre		\$ 265.70	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	10.63	
Total Variable		Acre		\$ 276.33	
Fixed Machinery Cost	1	Acre	23.00	23.00	
Fixed Irrigation Cost	1	Acre	70.00	70.00	
Total (Excluding Land)		Acre		\$ 369.33	
Land Real Estate Taxes	1	Acre	0.30%	4.45	
Land Interest	1483	Acre	4.00%	59.32	
Total Cost		Acre		\$ 433.10	

* 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	\$13.60	\$18.25	\$21.44	55	\$5.06	\$6.75	\$7.91
25	\$10.92	\$14.64	\$17.19	60	\$4.65	\$6.20	\$7.26
30	\$9.13	\$12.23	\$14.35	65	\$4.30	\$5.73	\$6.72
35	\$7.85	\$10.50	\$12.33	70	\$4.01	\$5.34	\$6.25
40	\$6.89	\$9.21	\$10.81	75	\$3.75	\$4.99	\$5.84
45	\$6.14	\$8.21	\$9.62	80	\$3.53	\$4.69	\$5.49
50	\$5.54	\$7.40	\$8.68	85	\$3.33	\$4.43	\$5.18

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

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.2	Bags	22.00	26.40	
Nitrogen	0	Pounds	0.44	-	
Phosphate	30	Pounds	0.65	19.50	
Potash	50	Pounds	0.70	35.00	
Limestone	0.25	Tons	25.00	6.25	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	15.00	15.00	
Insecticide	2	Acre	6.00	12.00	
Burn Down Herbicides	1	Acre	10.00	10.00	
Pre-Emerge	1	Acre	15.00	15.00	
Post-Emerge	1	Acre	30.00	30.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel	1	Acre	8.00	8.00	
Machinery Repairs	1	Acre	6.00	6.00	
Hauling & Transportation*	35	Bushels	0.17	5.95	
Irrigation Fuel (Acre Inches)	0	Acre	2.50	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	9.00	9.00	
Irrigation Labor	0	Acre	4.00	-	
Custom Application	1	Acre	6.50	6.50	
Subtotal		Acre		\$ 209.60	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	8.38	
Total Variable		Acre		\$ 217.98	
Fixed Machinery Cost	1	Acre	23.00	23.00	
Fixed Irrigation Cost	0	Acre	70.00	-	
Total (Excluding Land)		Acre		\$ 240.98	
Land Real Estate Taxes	1	Acre	0.30%	4.45	
Land Interest	1483	Acre	4.00%	59.32	
Total Cost		Acre		\$ 304.75	

* Drying & Transportation Costs Change With Yields

Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
20	\$10.77	\$11.92	\$15.11	55	\$4.03	\$4.44	\$5.60
25	\$8.65	\$9.57	\$12.12	60	\$3.70	\$4.09	\$5.15
30	\$7.24	\$8.00	\$10.13	65	\$3.43	\$3.79	\$4.77
35	\$6.23	\$6.89	\$8.71	70	\$3.20	\$3.53	\$4.44
40	\$5.47	\$6.05	\$7.64	75	\$3.00	\$3.30	\$4.15
45	\$4.88	\$5.39	\$6.81	80	\$2.82	\$3.11	\$3.91
50	\$4.41	\$4.87	\$6.15	85	\$2.66	\$2.94	\$3.69

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

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.2	Bags	22.00	26.40	
Nitrogen	0	Pounds	0.44	-	
Phosphate	40	Pounds	0.65	26.00	
Potash	65	Pounds	0.70	45.50	
Limestone	0.25	Tons	25.00	6.25	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	15.00	15.00	
Insecticide	2	Acre	6.00	12.00	
Burn Down Herbicides	1	Acre	10.00	10.00	
Pre-Emerge	1	Acre	15.00	15.00	
Post-Emerge	1	Acre	30.00	30.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel	1	Acre	8.00	8.00	
Machinery Repairs	1	Acre	6.00	6.00	
Hauling & Transportation*	45	Bushels	0.17	7.65	
Irrigation Fuel (Acre Inches)	8	Acre	2.50	20.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	9.00	9.00	
Irrigation Labor	1	Acre	4.00	4.00	
Custom Application	1	Acre	6.50	6.50	
Subtotal		Acre		\$ 264.30	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	10.57	
Total Variable		Acre		\$ 274.87	
Fixed Machinery Cost	1	Acre	23.00	23.00	
Fixed Irrigation Cost	1	Acre	70.00	70.00	
Total (Excluding Land)		Acre		\$ 367.87	
Land Real Estate Taxes	1	Acre	0.30%	4.45	
Land Interest	1483	Acre	4.00%	59.32	
Total Cost		Acre		\$ 431.64	

* Drying & Transportation Costs Change With Yields

Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
20	\$13.53	\$18.18	\$21.37	55	\$5.03	\$6.72	\$7.88
25	\$10.86	\$14.58	\$17.13	60	\$4.62	\$6.17	\$7.24
30	\$9.08	\$12.18	\$14.30	65	\$4.28	\$5.71	\$6.69
35	\$7.80	\$10.46	\$12.28	70	\$3.99	\$5.32	\$6.23
40	\$6.85	\$9.18	\$10.77	75	\$3.73	\$4.97	\$5.82
45	\$6.11	\$8.17	\$9.59	80	\$3.51	\$4.67	\$5.47
50	\$5.51	\$7.37	\$8.65	85	\$3.31	\$4.41	\$5.16

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

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.16	Bags	90.00	14.40	
Nitrogen	90	Pounds	0.44	39.60	
Phosphate	35	Pounds	0.65	22.75	
Potash	25	Pounds	0.70	17.50	
Limestone	0.25	Tons	25.00	6.25	
Starter Fertilizer	0	Acre	0.00	-	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Burn Down Herbicides	1	Acre	10.00	10.00	
Pre-Emerge	1	Acre	26.00	26.00	
Post-Emerge	1	Acre	4.00	4.00	
Fungicide	0	Acre	0.00	-	
Insecticide	1	Acre	16.00	16.00	
Drying Fuel & Electricity*	70	Bushels	0.17	11.90	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel	1	Acre	14.00	14.00	
Machinery Repairs	1	Acre	11.00	11.00	
Hauling & Transportation*	70	Bushels	0.17	11.90	
Irrigation Fuel (Acre Inches)	0	Acre	2.50	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	15.00	15.00	
Irrigation Labor	0	Acre	5.00	-	
Custom Application	2	Acre	6.50	13.00	
Subtotal		Acre		\$ 238.30	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	9.53	
Total Variable		Acre		\$ 247.83	
Fixed Machinery Cost	1	Acre	35.00	35.00	
Fixed Irrigation Cost	0	Acre	70.00	-	
Total (Excluding Land)		Acre		\$ 282.83	
Land Real Estate Taxes	1	Acre	0.30%	4.45	
Land Interest	1483	Acre	4.00%	59.32	
Total Cost		Acre		\$ 346.60	

* Drying & Transportation Costs Change With Yields

Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
50	\$4.82	\$5.52	\$6.80	120	\$2.21	\$2.50	\$3.03
60	\$4.07	\$4.66	\$5.72	130	\$2.06	\$2.33	\$2.82
70	\$3.54	\$4.04	\$4.95	140	\$1.94	\$2.19	\$2.65
80	\$3.14	\$3.58	\$4.38	150	\$1.83	\$2.07	\$2.49
90	\$2.83	\$3.22	\$3.93	160	\$1.74	\$1.96	\$2.36
100	\$2.58	\$2.93	\$3.57	170	\$1.66	\$1.86	\$2.24
110	\$2.38	\$2.69	\$3.27	180	\$1.58	\$1.78	\$2.13

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

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.2	Bags	90.00	18.00	
Nitrogen	125	Pounds	0.44	55.00	
Phosphate	55	Pounds	0.65	35.75	
Potash	35	Pounds	0.70	24.50	
Limestone	0.25	Tons	25.00	6.25	
Starter Fertilizer	0	Acre	0.00	-	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Burn Down Herbicides	1	Acre	10.00	10.00	
Pre-Emerge	1	Acre	26.00	26.00	
Post-Emerge	1	Acre	4.00	4.00	
Fungicide	0	Acre	0.00	-	
Insecticide	1	Acre	16.00	16.00	
Drying Fuel & Electricity*	110	Bushels	0.17	18.70	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel	1	Acre	14.00	14.00	
Machinery Repairs	1	Acre	11.00	11.00	
Hauling & Transportation*	110	Bushels	0.17	18.70	
Irrigation Fuel (Acre Inches)	8	Acre	2.50	20.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	15.00	15.00	
Irrigation Labor	1	Acre	5.00	5.00	
Custom Application	2	Acre	6.50	13.00	
Subtotal		Acre		\$ 327.90	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	13.12	
Total Variable		Acre		\$ 341.02	
Fixed Machinery Cost	1	Acre	35.00	35.00	
Fixed Irrigation Cost	1	Acre	70.00	70.00	
Total (Excluding Land)		Acre		\$ 446.02	
Land Real Estate Taxes	1	Acre	0.30%	4.45	
Land Interest	1483	Acre	4.00%	59.32	
Total Cost		Acre		\$ 509.79	

* 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
70	\$4.68	\$6.18	\$7.09	140	\$2.51	\$3.26	\$3.71
80	\$4.14	\$5.45	\$6.24	150	\$2.36	\$3.06	\$3.49
90	\$3.71	\$4.88	\$5.59	160	\$2.24	\$2.89	\$3.29
100	\$3.38	\$4.43	\$5.06	170	\$2.13	\$2.74	\$3.12
110	\$3.10	\$4.05	\$4.63	180	\$2.03	\$2.61	\$2.96
120	\$2.87	\$3.75	\$4.28	190	\$1.94	\$2.49	\$2.83
130	\$2.68	\$3.48	\$3.97	200	\$1.86	\$2.38	\$2.70

University of Missouri Extension Southeast Missouri Crop Budget

2009 Double Crop Southern Pea Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	20	Pounds	0.95	19.00	
Nitrogen	0	Pounds	0.44	-	
Phosphate	30	Pounds	0.65	19.50	
Potash	50	Pounds	0.70	35.00	
Limestone	0.25	Tons	25.00	6.25	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Pre-Emerge	1	Acre	22.00	22.00	
Post-Emerge	0	Acre	0.00	-	
Insecticide	1	Acre	10.00	10.00	
Desiccation	1	Acre	3.00	3.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Hauling & Transportation*	1200	Pounds	0.0020	2.40	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel	1	Acre	15.00	15.00	
Machinery Repairs	1	Acre	10.00	10.00	
Irrigation Fuel (Acre Inches)	0	Acre	2.50	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	15.00	15.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Application	0	Acre	6.50	-	
Subtotal		Acre		\$ 162.15	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	6.49	
Total Variable		Acre		\$ 168.64	
Fixed Machinery Cost	1	Acre	38.00	38.00	
Fixed Irrigation Cost	0	Acre	70.00	-	
Total (Excluding Land)		Acre		\$ 206.64	
Land Real Estate Taxes	1	Acre	0.30%	4.45	
Land Interest	1483	Acre	4.00%	59.32	
Total Cost		Acre		\$ 270.41	

* 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	\$0.279	\$0.342	\$0.449	1300	\$0.130	\$0.159	\$0.208
700	\$0.239	\$0.294	\$0.385	1400	\$0.121	\$0.148	\$0.193
800	\$0.210	\$0.257	\$0.337	1500	\$0.113	\$0.138	\$0.181
900	\$0.187	\$0.229	\$0.300	1600	\$0.106	\$0.130	\$0.170
1000	\$0.168	\$0.206	\$0.270	1700	\$0.100	\$0.122	\$0.160
1100	\$0.153	\$0.188	\$0.246	1800	\$0.094	\$0.115	\$0.151
1200	\$0.141	\$0.172	\$0.225	1900	\$0.089	\$0.109	\$0.143

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

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	20	Pounds	0.95	19.00	
Nitrogen	0	Pounds	0.44	-	
Phosphate	40	Pounds	0.65	26.00	
Potash	65	Pounds	0.70	45.50	
Limestone	0.25	Tons	25.00	6.25	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Pre-Emerge	1	Acre	22.00	22.00	
Post-Emerge	0	Acre	0.00	-	
Insecticide	1	Acre	10.00	10.00	
Desiccation	1	Acre	3.00	3.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Hauling & Transportation*	1600	Pounds	0.0020	3.20	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel	1	Acre	15.00	15.00	
Machinery Repairs	1	Acre	10.00	10.00	
Irrigation Fuel (Acre Inches)	8	Acre	2.50	20.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	15.00	15.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Application	0	Acre	6.50	-	
Subtotal		Acre		\$ 214.95	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	8.60	
Total Variable		Acre		\$ 223.55	
Fixed Machinery Cost	1	Acre	38.00	38.00	
Fixed Irrigation Cost	1	Acre	70.00	70.00	
Total (Excluding Land)		Acre		\$ 331.55	
Land Real Estate Taxes	1	Acre	0.30%	4.45	
Land Interest	1483	Acre	4.00%	59.32	
Total Cost		Acre		\$ 395.32	

* Drying & Transportation Costs Change With Yields

Breakeven Price in Cents/Pound

Yield Lb/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Lb/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
1000	\$0.222	\$0.330	\$0.394	1700	\$0.132	\$0.195	\$0.233
1100	\$0.202	\$0.300	\$0.358	1800	\$0.124	\$0.184	\$0.220
1200	\$0.186	\$0.276	\$0.329	1900	\$0.118	\$0.175	\$0.208
1300	\$0.171	\$0.255	\$0.304	2000	\$0.112	\$0.166	\$0.198
1400	\$0.159	\$0.237	\$0.282	2100	\$0.107	\$0.158	\$0.189
1500	\$0.149	\$0.221	\$0.263	2200	\$0.102	\$0.151	\$0.180
1600	\$0.140	\$0.207	\$0.247	2300	\$0.098	\$0.145	\$0.172

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

Crop 1 - Select Crop Below

Irrigated Bt. Corn

Irrigated Corn
 Bt. Corn
 Irrigated Bt. Corn

Irr = Irrigation
 RR = Roundup Ready
 DC = Double Crop

Corn

Price Yield
\$3.68 180

Select Price and Yield
 For both crops

▲ ▼ ▲ ▼

Crop 2 - Select Crop Below

Irr. Roundup Ready

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

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

Soybeans

Price Yield
\$8.13 50

Price Yield
\$0.00 0

▲ ▼ ▲ ▼

▲ ▼ ▲ ▼

	Variable Costs	Total Cost
Crop 1 - Select Crop Below Irrigated Bt. Corn	\$ 513.34	\$ 752.88
Crop 2 - Select Crop Below Irr. Roundup Ready Soybeans	\$ 298.79	\$ 526.33

Irrigated Bt. Corn versus Irr. Roundup Ready Soybeans Equal returns Based on Variable Production Costs								
Irr Bt. Corn yields with the same net income as			\$8.13 Soybeans					
Soybeans Yields	Corn Prices		\$3.48	\$3.58	\$3.68	\$3.78	\$3.88	\$3.98
	Corn Yields	Soybeans Yields						
40	156	152	148	144	140	137		
45	168	163	159	155	151	147		
50	180	175	170	165	161	157		
55	191	186	181	176	172	167		
60	203	197	192	187	182	178		

Irrigated Bt. Corn versus Irr. Roundup Ready Soybeans Equal returns Based on Variable Production Costs								
Irr RR Soybeans yields with the same net income as			\$3.68 Corn					
Corn Yields	Soybeans Prices		\$7.63	\$7.88	\$8.13	\$8.38	\$8.63	\$8.88
	Soybeans Yields	Corn Yields						
160	49	47	46	45	43	42		
170	54	52	50	49	48	46		
180	59	57	55	53	52	50		
190	63	61	59	58	56	54		
200	68	66	64	62	60	59		