

## University of Missouri Extension Southeast Missouri Crop Budgets 2008

This spreadsheet provides an estimate of the production costs and returns for the major row crops grown in Southeast Missouri for 2008. 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

<a href="#">Corn</a>	<a href="#">Corn Irrigated</a>	<a href="#">Bt Corn</a>	<a href="#">Bt Corn Irrigated</a>
<a href="#">RR Bt Corn</a>	<a href="#">RR Bt Corn Irrigated</a>	<a href="#">RR Soybeans</a>	<a href="#">RR Soybeans Irrigated</a>
<a href="#">Grain Sorghum</a>	<a href="#">Grain Sorghum Irrigated</a>	<a href="#">Wheat</a>	<a href="#">Popcorn</a>
<a href="#">RR Bt Cotton</a>	<a href="#">RR Bt Cotton Irrigated</a>	<a href="#">Rice - Wells</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 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</a>	

## University of Missouri Extension Southeast Missouri Crop Budget

# 2008 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	0.50	75.00	
Phosphate	60	Pounds	0.42	25.20	
Potash	40	Pounds	0.28	11.20	
Limestone	0.5	Tons	21.00	10.50	
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	15.00	15.00	
Post-Emerge	1	Acre	10.00	10.00	
Fungicide	1	Acre	12.00	12.00	
Insecticide	1	Acre	4.00	4.00	
Drying Fuel & Electricity*	140	Bushels	0.14	19.60	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	20.00	20.00	
Machinery Repairs	1	Acre	12.00	12.00	
Hauling & Transportation*	140	Bushels	0.16	22.40	
Irrigation Fuel (Acre Inches)	0	Acre	2.80	-	
Irrigation Repairs	0	Acre	9.00	-	
Labor	1	Acre	16.00	16.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Application	1	Acre	5.50	5.50	
Subtotal		Acre		\$ 310.40	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	12.42	
<b>Total Variable</b>		Acre		<b>\$ 322.82</b>	
Fixed Machinery Cost	1	Acre	42.00	42.00	
Fixed Irrigation Cost	0	Acre	62.00	-	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 364.82</b>	
Land Real Estate Taxes	1	Acre	0.30%	7.53	
Land Interest	2511	Acre	4.00%	100.44	
<b>Total Cost</b>		Acre		<b>\$ 472.79</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	\$3.11	\$3.53	\$4.61	170	\$1.95	\$2.20	\$2.83
110	\$2.85	\$3.23	\$4.22	180	\$1.86	\$2.09	\$2.69
120	\$2.64	\$2.99	\$3.89	190	\$1.78	\$2.00	\$2.57
130	\$2.46	\$2.78	\$3.61	200	\$1.70	\$1.91	\$2.45
140	\$2.31	\$2.61	\$3.38	210	\$1.64	\$1.84	\$2.35
150	\$2.17	\$2.45	\$3.17	220	\$1.58	\$1.77	\$2.26
160	\$2.06	\$2.32	\$2.99	230	\$1.52	\$1.70	\$2.17

**University of Missouri Extension Southeast Missouri Crop Budget  
2008 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	0.50	105.00	
Phosphate	80	Pounds	0.42	33.60	
Potash	60	Pounds	0.28	16.80	
Limestone	0.5	Tons	21.00	10.50	
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	15.00	15.00	
Post-Emerge	1	Acre	10.00	10.00	
Fungicide	1	Acre	12.00	12.00	
Insecticide	1	Acre	4.00	4.00	
Drying Fuel & Electricity*	180	Bushels	0.14	25.20	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	20.00	20.00	
Machinery Repairs	1	Acre	12.00	12.00	
Hauling & Transportation*	180	Bushels	0.16	28.80	
Irrigation Fuel (Acre Inches)	12	Acre	2.80	33.60	
Irrigation Repairs	1	Acre	9.00	9.00	
Labor	1	Acre	16.00	16.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Application	1	Acre	5.50	5.50	
Subtotal		Acre		\$ 426.00	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	17.04	
<b>Total Variable</b>		Acre		<b>\$ 443.04</b>	
Fixed Machinery Cost	1	Acre	42.00	42.00	
Fixed Irrigation Cost	1	Acre	62.00	62.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 547.04</b>	
Land Real Estate Taxes	1	Acre	0.30%	7.53	
Land Interest	2511	Acre	4.00%	100.44	
<b>Total Cost</b>		Acre		<b>\$ 655.01</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	\$3.08	\$3.82	\$4.59	210	\$2.15	\$2.65	\$3.16
150	\$2.89	\$3.59	\$4.31	220	\$2.07	\$2.54	\$3.03
160	\$2.73	\$3.38	\$4.06	230	\$1.99	\$2.44	\$2.91
170	\$2.59	\$3.20	\$3.84	240	\$1.92	\$2.35	\$2.80
180	\$2.46	\$3.04	\$3.64	250	\$1.86	\$2.27	\$2.70
190	\$2.35	\$2.89	\$3.46	260	\$1.80	\$2.20	\$2.61
200	\$2.25	\$2.77	\$3.31	270	\$1.74	\$2.13	\$2.53

**University of Missouri Extension Southeast Missouri Crop Budget  
2008 Bt Corn Budget**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.3	Bags	160.00	48.00	
Nitrogen	150	Pounds	0.50	75.00	
Phosphate	60	Pounds	0.42	25.20	
Potash	40	Pounds	0.28	11.20	
Limestone	0.5	Tons	21.00	10.50	
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	15.00	15.00	
Post-Emerge	1	Acre	10.00	10.00	
Fungicide	1	Acre	12.00	12.00	
Insecticide	1	Acre	4.00	4.00	
Drying Fuel & Electricity*	140	Bushels	0.14	19.60	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	20.00	20.00	
Machinery Repairs	1	Acre	12.00	12.00	
Hauling & Transportation*	140	Bushels	0.16	22.40	
Irrigation Fuel (Acre Inches)	0	Acre	2.80	-	
Irrigation Repairs	0	Acre	9.00	-	
Labor	1	Acre	16.00	16.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Application	1	Acre	5.50	5.50	
Subtotal		Acre		\$ 316.40	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	12.66	
Total Variable		Acre		<b>\$ 329.06</b>	
Fixed Machinery Cost	1	Acre	42.00	42.00	
Fixed Irrigation Cost	0	Acre	62.00	-	
Total (Excluding Land)		Acre		<b>\$ 371.06</b>	
Land Real Estate Taxes	1	Acre	0.30%	7.53	
Land Interest	2511	Acre	4.00%	100.44	
Total Cost		Acre		<b>\$ 479.03</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
100	\$3.17	\$3.59	\$4.67	170	\$1.99	\$2.24	\$2.87
110	\$2.91	\$3.29	\$4.27	180	\$1.89	\$2.13	\$2.73
120	\$2.69	\$3.04	\$3.94	190	\$1.81	\$2.03	\$2.60
130	\$2.51	\$2.83	\$3.66	200	\$1.74	\$1.95	\$2.49
140	\$2.35	\$2.65	\$3.42	210	\$1.67	\$1.87	\$2.38
150	\$2.21	\$2.49	\$3.21	220	\$1.60	\$1.80	\$2.29
160	\$2.09	\$2.36	\$3.03	230	\$1.55	\$1.73	\$2.20

**University of Missouri Extension Southeast Missouri Crop Budget  
2008 Center Pivot Irrigated Bt Corn Budget**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.4	Bags	160.00	64.00	
Nitrogen	210	Pounds	0.50	105.00	
Phosphate	80	Pounds	0.42	33.60	
Potash	60	Pounds	0.28	16.80	
Limestone	0.5	Tons	21.00	10.50	
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	15.00	15.00	
Post-Emerge	1	Acre	10.00	10.00	
Fungicide	1	Acre	12.00	12.00	
Insecticide	1	Acre	4.00	4.00	
Drying Fuel & Electricity*	180	Bushels	0.14	25.20	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	20.00	20.00	
Machinery Repairs	1	Acre	12.00	12.00	
Hauling & Transportation*	180	Bushels	0.16	28.80	
Irrigation Fuel (Acre Inches)	12	Acre	2.80	33.60	
Irrigation Repairs	1	Acre	9.00	9.00	
Labor	1	Acre	16.00	16.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Application	1	Acre	5.50	5.50	
Subtotal		Acre		\$ 434.00	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	17.36	
<b>Total Variable</b>		Acre		<b>\$ 451.36</b>	
Fixed Machinery Cost	1	Acre	42.00	42.00	
Fixed Irrigation Cost	1	Acre	62.00	62.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 555.36</b>	
Land Real Estate Taxes	1	Acre	0.30%	7.53	
Land Interest	2511	Acre	4.00%	100.44	
<b>Total Cost</b>		Acre		<b>\$ 663.33</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	\$3.14	\$3.88	\$4.65	210	\$2.19	\$2.69	\$3.20
150	\$2.95	\$3.64	\$4.36	220	\$2.11	\$2.58	\$3.07
160	\$2.78	\$3.43	\$4.11	230	\$2.03	\$2.48	\$2.95
170	\$2.64	\$3.25	\$3.88	240	\$1.96	\$2.39	\$2.84
180	\$2.51	\$3.09	\$3.69	250	\$1.89	\$2.31	\$2.74
190	\$2.39	\$2.94	\$3.51	260	\$1.83	\$2.23	\$2.64
200	\$2.29	\$2.81	\$3.35	270	\$1.77	\$2.16	\$2.56

## University of Missouri Extension Southeast Missouri Crop Budget 2008 Roundup Ready & Bt Corn Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.3	Bags	175.00	52.50	
Nitrogen	150	Pounds	0.50	75.00	
Phosphate	60	Pounds	0.42	25.20	
Potash	40	Pounds	0.28	11.20	
Limestone	0.5	Tons	21.00	10.50	
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	8.00	8.00	
Post-Emerge	1	Acre	12.00	12.00	
Fungicide	1	Acre	12.00	12.00	
Insecticide	1	Acre	4.00	4.00	
Drying Fuel & Electricity*	140	Bushels	0.14	19.60	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	20.00	20.00	
Machinery Repairs	1	Acre	12.00	12.00	
Hauling & Transportation*	140	Bushels	0.16	22.40	
Irrigation Fuel (Acre Inches)	0	Acre	2.80	-	
Irrigation Repairs	0	Acre	9.00	-	
Labor	1	Acre	16.00	16.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Application	1	Acre	5.50	5.50	
Subtotal		Acre		\$ 315.90	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	12.64	
<b>Total Variable</b>		Acre		<b>\$ 328.54</b>	
Fixed Machinery Cost	1	Acre	42.00	42.00	
Fixed Irrigation Cost	0	Acre	62.00	-	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 370.54</b>	
Land Real Estate Taxes	1	Acre	0.30%	7.53	
Land Interest	2511	Acre	4.00%	100.44	
<b>Total Cost</b>		Acre		<b>\$ 478.51</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	\$3.17	\$3.59	\$4.67	170	\$1.99	\$2.23	\$2.87
110	\$2.90	\$3.29	\$4.27	180	\$1.89	\$2.13	\$2.73
120	\$2.69	\$3.04	\$3.94	190	\$1.81	\$2.03	\$2.60
130	\$2.50	\$2.83	\$3.66	200	\$1.73	\$1.94	\$2.48
140	\$2.35	\$2.65	\$3.42	210	\$1.66	\$1.86	\$2.38
150	\$2.21	\$2.49	\$3.21	220	\$1.60	\$1.79	\$2.28
160	\$2.09	\$2.35	\$3.03	230	\$1.55	\$1.73	\$2.20

## University of Missouri Extension Southeast Missouri Crop Budget 2008 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	175.00	70.00	
Nitrogen	210	Pounds	0.50	105.00	
Phosphate	80	Pounds	0.42	33.60	
Potash	60	Pounds	0.28	16.80	
Limestone	0.5	Tons	21.00	10.50	
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	8.00	8.00	
Post-Emerge	1	Acre	12.00	12.00	
Fungicide	1	Acre	12.00	12.00	
Insecticide	1	Acre	4.00	4.00	
Drying Fuel & Electricity*	180	Bushels	0.14	25.20	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	20.00	20.00	
Machinery Repairs	1	Acre	12.00	12.00	
Hauling & Transportation*	180	Bushels	0.16	28.80	
Irrigation Fuel (Acre Inches)	12	Acre	2.80	33.60	
Irrigation Repairs	1	Acre	9.00	9.00	
Labor	1	Acre	16.00	16.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Application	1	Acre	5.50	5.50	
Subtotal		Acre		\$ 435.00	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	17.40	
<b>Total Variable</b>		Acre		<b>\$ 452.40</b>	
Fixed Machinery Cost	1	Acre	42.00	42.00	
Fixed Irrigation Cost	1	Acre	62.00	62.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 556.40</b>	
Land Real Estate Taxes	1	Acre	0.30%	7.53	
Land Interest	2511	Acre	4.00%	100.44	
<b>Total Cost</b>		Acre		<b>\$ 664.37</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	\$3.15	\$3.89	\$4.66	210	\$2.20	\$2.69	\$3.21
150	\$2.96	\$3.65	\$4.37	220	\$2.11	\$2.58	\$3.07
160	\$2.79	\$3.44	\$4.11	230	\$2.03	\$2.48	\$2.95
170	\$2.64	\$3.26	\$3.89	240	\$1.96	\$2.39	\$2.84
180	\$2.51	\$3.09	\$3.69	250	\$1.89	\$2.31	\$2.74
190	\$2.40	\$2.94	\$3.51	260	\$1.83	\$2.23	\$2.65
200	\$2.29	\$2.81	\$3.35	270	\$1.78	\$2.16	\$2.56



## University of Missouri Extension Southeast Missouri Crop Budget 2008 Roundup Ready Soybean Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.1	Bags	36.00	39.60	
Nitrogen	0	Pounds	0.50	-	
Phosphate	40	Pounds	0.42	16.80	
Potash	60	Pounds	0.28	16.80	
Limestone	0.5	Tons	21.00	10.50	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	12.00	12.00	
Insecticide	1	Acre	6.00	6.00	
Burn Down Herbicides	0	Quarts	0.00	-	
Pre-Emerge	0	Acre	0.00	-	
Post-Emerge	3	Acre	6.00	18.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	12.00	12.00	
Machinery Repairs	1	Acre	8.00	8.00	
Hauling & Transportation*	40	Bushels	0.16	6.40	
Irrigation Fuel (Acre Inches)	0	Acre	2.80	-	
Irrigation Repairs	0	Acre	9.00	-	
Labor	1	Acre	10.00	10.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Application	1	Acre	5.50	5.50	
Subtotal		Acre		\$ 171.60	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	6.86	
<b>Total Variable</b>		Acre		<b>\$ 178.46</b>	
Fixed Machinery Cost	1	Acre	30.00	30.00	
Fixed Irrigation Cost	0	Acre	62.00	-	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 208.46</b>	
Land Real Estate Taxes	1	Acre	0.30%	7.53	
Land Interest	2511	Acre	4.00%	100.44	
<b>Total Cost</b>		Acre		<b>\$ 316.44</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	\$8.76	\$10.26	\$15.66	55	\$3.29	\$3.83	\$5.80
25	\$7.04	\$8.24	\$12.56	60	\$3.03	\$3.53	\$5.33
30	\$5.90	\$6.90	\$10.49	65	\$2.81	\$3.27	\$4.93
35	\$5.08	\$5.93	\$9.02	70	\$2.62	\$3.05	\$4.59
40	\$4.46	\$5.21	\$7.91	75	\$2.45	\$2.85	\$4.29
45	\$3.98	\$4.65	\$7.05	80	\$2.31	\$2.69	\$4.04
50	\$3.60	\$4.20	\$6.36	85	\$2.18	\$2.54	\$3.81

## University of Missouri Extension Southeast Missouri Crop Budget 2008 Center Pivot Irr. Roundup Ready Soybeans

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.2	Bags	36.00	43.20	
Nitrogen	0	Pounds	0.50	-	
Phosphate	40	Pounds	0.42	16.80	
Potash	70	Pounds	0.28	19.60	
Limestone	0.5	Tons	21.00	10.50	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	12.00	12.00	
Insecticide	1	Acre	6.00	6.00	
Burn Down Herbicides	0	Quarts	0.00	-	
Pre-Emerge	0	Acre	0.00	-	
Post-Emerge	3	Acre	6.00	18.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	12.00	12.00	
Machinery Repairs	1	Acre	8.00	8.00	
Hauling & Transportation*	50	Bushels	0.16	8.00	
Irrigation Fuel (Acre Inches)	8	Acre	2.80	22.40	
Irrigation Repairs	1	Acre	9.00	9.00	
Labor	1	Acre	10.00	10.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Application	1	Acre	5.50	5.50	
Subtotal		Acre		\$ 214.00	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	8.56	
<b>Total Variable</b>		Acre		<b>\$ 222.56</b>	
Fixed Machinery Cost	1	Acre	30.00	30.00	
Fixed Irrigation Cost	1	Acre	62.00	62.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 314.56</b>	
Land Real Estate Taxes	1	Acre	0.30%	7.53	
Land Interest	2511	Acre	4.00%	100.44	
<b>Total Cost</b>		Acre		<b>\$ 422.53</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	\$7.31	\$10.38	\$13.98	65	\$3.46	\$4.88	\$6.54
35	\$6.29	\$8.92	\$12.00	70	\$3.23	\$4.54	\$6.08
40	\$5.52	\$7.82	\$10.52	75	\$3.02	\$4.25	\$5.69
45	\$4.93	\$6.97	\$9.37	80	\$2.84	\$3.99	\$5.34
50	\$4.45	\$6.29	\$8.45	85	\$2.68	\$3.77	\$5.04
55	\$4.06	\$5.73	\$7.70	90	\$2.54	\$3.57	\$4.77
60	\$3.74	\$5.27	\$7.07	95	\$2.42	\$3.39	\$4.52

**University of Missouri Extension Southeast Missouri Crop Budget  
2008 Grain Sorghum Budget**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.16	Bags	70.00	11.20	
Nitrogen	125	Pounds	0.50	62.50	
Phosphate	60	Pounds	0.42	25.20	
Potash	40	Pounds	0.28	11.20	
Limestone	0.5	Tons	21.00	10.50	
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	18.00	18.00	
Post-Emerge	1	Acre	3.00	3.00	
Fungicide	0	Acre	12.00	-	
Insecticide	1	Acre	4.00	4.00	
Drying Fuel & Electricity*	110	Bushels	0.14	15.40	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	20.00	20.00	
Machinery Repairs	1	Acre	11.00	11.00	
Hauling & Transportation*	110	Bushels	0.16	17.60	
Irrigation Fuel (Acre Inches)	0	Acre	2.80	-	
Irrigation Repairs	0	Acre	9.00	-	
Labor	1	Acre	16.00	16.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Application	1	Acre	5.50	5.50	
Subtotal		Acre		\$ 241.10	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	9.64	
<b>Total Variable</b>		Acre		<b>\$ 250.74</b>	
Fixed Machinery Cost	1	Acre	39.00	39.00	
Fixed Irrigation Cost	0	Acre	62.00	-	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 289.74</b>	
Land Real Estate Taxes	1	Acre	0.30%	7.53	
Land Interest	2511	Acre	4.00%	100.44	
<b>Total Cost</b>		Acre		<b>\$ 397.72</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	\$3.41	\$3.97	\$5.51	140	\$1.86	\$2.13	\$2.91
80	\$3.02	\$3.51	\$4.86	150	\$1.75	\$2.01	\$2.73
90	\$2.72	\$3.15	\$4.35	160	\$1.66	\$1.90	\$2.58
100	\$2.48	\$2.87	\$3.95	170	\$1.58	\$1.81	\$2.45
110	\$2.28	\$2.63	\$3.62	180	\$1.51	\$1.73	\$2.33
120	\$2.11	\$2.44	\$3.34	190	\$1.45	\$1.65	\$2.22
130	\$1.97	\$2.27	\$3.11	200	\$1.39	\$1.58	\$2.12

## University of Missouri Extension Southeast Missouri Crop Budget 2008 Center Pivot Irrigated Grain Sorghum Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.2	Bags	70.00	14.00	
Nitrogen	150	Pounds	0.50	75.00	
Phosphate	65	Pounds	0.42	27.30	
Potash	40	Pounds	0.28	11.20	
Limestone	0.5	Tons	21.00	10.50	
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	18.00	18.00	
Post-Emerge	1	Acre	3.00	3.00	
Fungicide	0	Acre	12.00	-	
Insecticide	1	Acre	4.00	4.00	
Drying Fuel & Electricity*	130	Bushels	0.14	18.20	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	20.00	20.00	
Machinery Repairs	1	Acre	11.00	11.00	
Hauling & Transportation*	130	Bushels	0.16	20.80	
Irrigation Fuel (Acre Inches)	10	Acre	2.80	28.00	
Irrigation Repairs	1	Acre	9.00	9.00	
Labor	1	Acre	16.00	16.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Application	1	Acre	5.50	5.50	
Subtotal		Acre		\$ 304.50	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	12.18	
<b>Total Variable</b>		Acre		<b>\$ 316.68</b>	
Fixed Machinery Cost	1	Acre	39.00	39.00	
Fixed Irrigation Cost	1	Acre	62.00	62.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 417.68</b>	
Land Real Estate Taxes	1	Acre	0.30%	7.53	
Land Interest	2511	Acre	4.00%	100.44	
<b>Total Cost</b>		Acre		<b>\$ 525.65</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	\$3.08	\$4.09	\$5.17	170	\$1.93	\$2.53	\$3.16
110	\$2.82	\$3.74	\$4.72	180	\$1.84	\$2.40	\$3.00
120	\$2.61	\$3.46	\$4.36	190	\$1.76	\$2.29	\$2.86
130	\$2.44	\$3.21	\$4.04	200	\$1.69	\$2.19	\$2.73
140	\$2.28	\$3.00	\$3.78	210	\$1.62	\$2.10	\$2.62
150	\$2.15	\$2.82	\$3.54	220	\$1.56	\$2.02	\$2.51
160	\$2.04	\$2.67	\$3.34	230	\$1.51	\$1.95	\$2.42

## University of Missouri Extension Southeast Missouri Crop Budget

### 2008 Wheat Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	2.25	Bags	15.00	33.75	
Nitrogen	105	Pounds	0.50	52.50	
Phosphate	40	Pounds	0.42	16.80	
Potash	20	Pounds	0.28	5.60	
Limestone	0.25	Tons	21.00	5.25	
Starter Fertilizer	0	Acre	0.00	-	
Zinc	0	Pounds	0.00	-	
Sulfur	12	Pounds	0.60	7.20	
Boron	0	Pounds	0.00	-	
Post-Emerge - Ryegrass	1	Acre	15.00	15.00	
Post-Emerge - Broadleaf	1	Acre	10.00	10.00	
Fungicide	1	Acre	12.00	12.00	
Insecticide	1	Acre	4.00	4.00	
Drying Fuel & Electricity*	70	Bushels	0.08	5.60	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel	1	Acre	13.00	13.00	
Machinery Repairs	1	Acre	7.00	7.00	
Hauling & Transportation*	70	Bushels	0.16	11.20	
Irrigation Fuel (Acre Inches)	0	Acre	2.80	-	
Irrigation Repairs	0	Acre	9.00	-	
Labor	1	Acre	11.00	11.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Application	1	Acre	5.50	5.50	
Subtotal		Acre		\$ 220.40	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	8.82	
<b>Total Variable</b>		Acre		<b>\$ 229.22</b>	
Fixed Machinery Cost	1	Acre	29.00	29.00	
Fixed Irrigation Cost	0	Acre	62.00	-	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 258.22</b>	
Land Real Estate Taxes	1	Acre	0.30%	3.77	
Land Interest	1256	Acre	4.00%	50.24	
<b>Total Cost</b>		Acre		<b>\$ 312.22</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	\$5.55	\$6.28	\$7.63	110	\$2.17	\$2.43	\$2.93
50	\$4.49	\$5.07	\$6.15	120	\$2.01	\$2.25	\$2.70
60	\$3.78	\$4.26	\$5.16	130	\$1.87	\$2.10	\$2.51
70	\$3.27	\$3.69	\$4.46	140	\$1.76	\$1.96	\$2.35
80	\$2.90	\$3.26	\$3.93	150	\$1.66	\$1.85	\$2.21
90	\$2.60	\$2.92	\$3.52	160	\$1.57	\$1.75	\$2.09
100	\$2.36	\$2.65	\$3.19	170	\$1.49	\$1.66	\$1.98

## University of Missouri Extension Southeast Missouri Crop Budget 2008 Center Pivot Irrigated Popcorn Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	10	Pounds	3.50	35.00	
Nitrogen	180	Pounds	0.50	90.00	
Phosphate	80	Pounds	0.42	33.60	
Potash	60	Pounds	0.28	16.80	
Limestone	0.5	Tons	21.00	10.50	
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	15.00	15.00	
Post-Emerge	1	Acre	10.00	10.00	
Fungicide	1	Acre	0.00	-	
Insecticide	1	Acre	12.00	12.00	
Drying Fuel & Electricity*	0	Bushels	0.14	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	20.00	20.00	
Machinery Repairs	1	Acre	12.00	12.00	
Hauling & Transportation*	4500	Pounds	0.0015	6.75	
Irrigation Fuel (Acre Inches)	12	Acre	2.80	33.60	
Irrigation Repairs	1	Acre	9.00	9.00	
Labor	1	Acre	16.00	16.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Application	1	Acre	5.50	5.50	
Subtotal		Acre		\$ 338.75	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	13.55	
<b>Total Variable</b>		Acre		<b>\$ 352.30</b>	
Fixed Machinery Cost	1	Acre	42.00	42.00	
Fixed Irrigation Cost	1	Acre	62.00	62.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 456.30</b>	
Land Real Estate Taxes	1	Acre	0.30%	7.53	
Land Interest	2511	Acre	4.00%	100.44	
<b>Total Cost</b>		Acre		<b>\$ 564.27</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
2750	\$0.127	\$0.165	\$0.204	4500	\$0.078	\$0.101	\$0.125
3000	\$0.117	\$0.151	\$0.187	4750	\$0.074	\$0.096	\$0.119
3250	\$0.108	\$0.140	\$0.173	5000	\$0.071	\$0.091	\$0.113
3500	\$0.100	\$0.130	\$0.161	5250	\$0.067	\$0.087	\$0.108
3750	\$0.094	\$0.121	\$0.150	5500	\$0.064	\$0.083	\$0.103
4000	\$0.088	\$0.114	\$0.141	5750	\$0.062	\$0.080	\$0.098
4250	\$0.083	\$0.107	\$0.133	6000	\$0.059	\$0.076	\$0.094

## University of Missouri Extension Southeast Missouri Crop Budget 2008 Bollgard II/R. R. Flex Cotton Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed**	1	Acre	98.00	98.00	
Nitrogen	80	Pounds	0.50	40.00	
Phosphate	30	Pounds	0.42	12.60	
Potash	30	Pounds	0.28	8.40	
Limestone	0.5	Tons	21.00	10.50	
Sulfur	0	Pounds	0.00	-	
Boron	1	Pounds	3.50	3.50	
Pre-Emerge	0.5	Acre	12.00	6.00	
Post-Emerge - Glyphosate	2	Acre	6.00	12.00	
Post-Emerge - Layby	1	Acre	10.00	10.00	
Insecticide	1	Acre	30.00	30.00	
Boll Weevil Eradication	1	Acre	12.50	12.50	
Growth Regulator	1	Acre	5.00	5.00	
Defoliation	1	Acre	20.00	20.00	
Ginning (changes with Yield)	0	Pounds	0.00	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	35.00	35.00	
Machinery Repairs	1	Acre	23.00	23.00	
Irrigation Fuel (Acre Inches)	0	Acre	2.80	-	
Irrigation Repairs	0	Acre	9.00	-	
Labor	1	Acre	28.00	28.00	
Scout	1	Acre	8.00	8.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Application	2	Acre	5.50	11.00	
Subtotal		Acre		\$ 383.50	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	15.34	
<b>Total Variable</b>		Acre		<b>\$ 398.84</b>	
Fixed Machinery Cost	1	Acre	98.00	98.00	
Fixed Irrigation Cost	0	Acre	62.00	-	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 496.84</b>	
Land Real Estate Taxes	1	Acre	0.30%	7.53	
Land Interest	2511	Acre	4.00%	100.44	
<b>Total Cost</b>		Acre		<b>\$ 604.81</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	\$0.831	\$1.035	\$1.260	900	\$0.443	\$0.552	\$0.672
540	\$0.739	\$0.920	\$1.120	960	\$0.415	\$0.518	\$0.630
600	\$0.665	\$0.828	\$1.008	1020	\$0.391	\$0.487	\$0.593
660	\$0.604	\$0.753	\$0.916	1080	\$0.369	\$0.460	\$0.560
720	\$0.554	\$0.690	\$0.840	1140	\$0.350	\$0.436	\$0.531
780	\$0.511	\$0.637	\$0.775	1200	\$0.332	\$0.414	\$0.504
840	\$0.475	\$0.591	\$0.720	1260	\$0.317	\$0.394	\$0.480

## University of Missouri Extension Southeast Missouri Crop Budget 2008 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	98.00	98.00	
Nitrogen	80	Pounds	0.50	40.00	
Phosphate	40	Pounds	0.42	16.80	
Potash	35	Pounds	0.28	9.80	
Limestone	0.5	Tons	21.00	10.50	
Sulfur	0	Pounds	0.00	-	
Boron	1	Pounds	3.50	3.50	
Pre-Emerge	0.5	Acre	12.00	6.00	
Post-Emerge - Glyphosate	2	Acre	6.00	12.00	
Post-Emerge - Layby	1	Acre	10.00	10.00	
Insecticide	1	Acre	30.00	30.00	
Boll Weevil Eradication	1	Acre	12.50	12.50	
Growth Regulator	2	Acre	5.00	10.00	
Defoliation	1	Acre	20.00	20.00	
Ginning (changes with Yield)	0	Pounds	0.00	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	35.00	35.00	
Machinery Repairs	1	Acre	23.00	23.00	
Irrigation Fuel (Acre Inches)	9	Acre	2.80	25.20	
Irrigation Repairs	1	Acre	9.00	9.00	
Labor	1	Acre	28.00	28.00	
Scout	1	Acre	8.00	8.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Application	2	Acre	5.50	11.00	
Subtotal		Acre		\$ 431.30	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	17.25	
<b>Total Variable</b>		Acre		<b>\$ 448.55</b>	
Fixed Machinery Cost	1	Acre	98.00	98.00	
Fixed Irrigation Cost	1	Acre	62.00	62.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 608.55</b>	
Land Real Estate Taxes	1	Acre	0.30%	7.53	
Land Interest	2511	Acre	4.00%	100.44	
<b>Total Cost</b>		Acre		<b>\$ 716.53</b>	

\*\*Seed cost includes Technology Fee, partial refund & Seed Treatment

### 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	\$0.623	\$0.845	\$0.995	1140	\$0.393	\$0.534	\$0.629
780	\$0.575	\$0.780	\$0.919	1200	\$0.374	\$0.507	\$0.597
840	\$0.534	\$0.724	\$0.853	1260	\$0.356	\$0.483	\$0.569
900	\$0.498	\$0.676	\$0.796	1320	\$0.340	\$0.461	\$0.543
960	\$0.467	\$0.634	\$0.746	1380	\$0.325	\$0.441	\$0.519
1020	\$0.440	\$0.597	\$0.702	1440	\$0.311	\$0.423	\$0.498
1080	\$0.415	\$0.563	\$0.663	1500	\$0.299	\$0.406	\$0.478



## University of Missouri Extension Southeast Missouri Crop Budget 2008 Rice Budget - Wells Variety

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	96	Pounds	0.22	21.12	
Nitrogen	150	Pounds	0.50	75.00	
Phosphate	30	Pounds	0.42	12.60	
Potash	40	Pounds	0.28	11.20	
Limestone	0	Tons	21.00	-	
Zinc	3	Pounds	2.75	8.25	
Sulfur	0	Pounds	0.00	-	
Fungicide	12.3	Ounces	2.00	24.60	
Pre-Emerge	1	Acre	12.00	12.00	
Post-Emerge	1	Acre	40.00	40.00	
Insecticide	0	Acre	0.00	-	
Drying (Custom/Bushel)*	160	Bushels	0.30	48.00	
Hauling & Transportation*	160	Bushels	0.16	25.60	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	28.00	28.00	
Machinery Repairs	1	Acre	14.00	14.00	
Irrigation Fuel	1	Acre	55.00	55.00	
Irrigation Repairs	1	Acre	9.00	9.00	
Labor	1	Acre	21.00	21.00	
Scout	1	Acre	8.00	8.00	
Irrigation Labor	1	Acre	5.00	5.00	
Custom Application	4	Acre	5.50	22.00	
Subtotal		Acre		\$ 450.37	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	18.01	
<b>Total Variable</b>		Acre		<b>\$ 468.38</b>	
Fixed Machinery Cost	1	Acre	58.00	58.00	
Fixed Irrigation Cost	1	Acre	62.00	62.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 588.38</b>	
Land Real Estate Taxes	1	Acre	0.30%	7.53	
Land Interest	2511	Acre	4.00%	100.44	
<b>Total Cost</b>		Acre		<b>\$ 696.36</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	\$4.41	\$5.61	\$6.69	170	\$2.78	\$3.49	\$4.12
110	\$4.05	\$5.14	\$6.12	180	\$2.65	\$3.32	\$3.92
120	\$3.75	\$4.75	\$5.65	190	\$2.54	\$3.17	\$3.74
130	\$3.50	\$4.42	\$5.25	200	\$2.43	\$3.03	\$3.57
140	\$3.28	\$4.14	\$4.91	210	\$2.34	\$2.91	\$3.43
150	\$3.09	\$3.89	\$4.61	220	\$2.25	\$2.80	\$3.29
160	\$2.93	\$3.68	\$4.35	230	\$2.18	\$2.70	\$3.17

## University of Missouri Extension Southeast Missouri Crop Budget 2008 Rice Budget - Clearfield

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	85	Pounds	0.53	45.05	
Nitrogen	150	Pounds	0.50	75.00	
Phosphate	30	Pounds	0.42	12.60	
Potash	40	Pounds	0.28	11.20	
Limestone	0	Tons	21.00	-	
Zinc	3	Pounds	2.75	8.25	
Sulfur	0	Pounds	0.00	-	
Fungicide	12.3	Ounces	2.00	24.60	
Post-Emerge - Newpath	8	Ounces	4.00	32.00	
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	0.16	25.60	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	28.00	28.00	
Machinery Repairs	1	Acre	14.00	14.00	
Irrigation Fuel	1	Acre	55.00	55.00	
Irrigation Repairs	1	Acre	9.00	9.00	
Labor	1	Acre	21.00	21.00	
Scout	1	Acre	8.00	8.00	
Irrigation Labor	1	Acre	5.00	5.00	
Custom Application	4	Acre	5.50	22.00	
Subtotal		Acre		\$ 464.30	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	18.57	
<b>Total Variable</b>		Acre		<b>\$ 482.87</b>	
Fixed Machinery Cost	1	Acre	58.00	58.00	
Fixed Irrigation Cost	1	Acre	62.00	62.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 602.87</b>	
Land Real Estate Taxes	1	Acre	0.30%	7.53	
Land Interest	2511	Acre	4.00%	100.44	
<b>Total Cost</b>		Acre		<b>\$ 710.85</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	\$4.55	\$5.75	\$6.83	170	\$2.87	\$3.57	\$4.21
110	\$4.18	\$5.27	\$6.25	180	\$2.73	\$3.40	\$4.00
120	\$3.87	\$4.87	\$5.77	190	\$2.61	\$3.25	\$3.81
130	\$3.61	\$4.53	\$5.36	200	\$2.51	\$3.11	\$3.65
140	\$3.38	\$4.24	\$5.01	210	\$2.41	\$2.98	\$3.49
150	\$3.19	\$3.99	\$4.71	220	\$2.32	\$2.87	\$3.36
160	\$3.02	\$3.77	\$4.44	230	\$2.24	\$2.76	\$3.23

## University of Missouri Extension Southeast Missouri Crop Budget 2008 Hybrid Rice Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	30	Pounds	2.75	82.50	
Nitrogen	150	Pounds	0.50	75.00	
Phosphate	30	Pounds	0.42	12.60	
Potash	40	Pounds	0.28	11.20	
Limestone	0	Tons	21.00	-	
Zinc	3	Pounds	2.75	8.25	
Sulfur	0	Pounds	0.00	-	
Fungicide	0	Ounces	0.00	-	
Pre-Emerge	1	Acre	12.00	12.00	
Post-Emerge	1	Acre	40.00	40.00	
Insecticide	0	Acre	0.00	-	
Drying (Custom/Bushel)*	180	Bushels	0.30	54.00	
Hauling & Transportation*	180	Bushels	0.16	28.80	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	28.00	28.00	
Machinery Repairs	1	Acre	14.00	14.00	
Irrigation Fuel	1	Acre	55.00	55.00	
Irrigation Repairs	1	Acre	9.00	9.00	
Labor	1	Acre	21.00	21.00	
Scout	1	Acre	8.00	8.00	
Irrigation Labor	1	Acre	5.00	5.00	
Custom Application	2	Acre	5.50	11.00	
Subtotal		Acre		\$ 485.35	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	19.41	
<b>Total Variable</b>		Acre		<b>\$ 504.76</b>	
Fixed Machinery Cost	1	Acre	58.00	58.00	
Fixed Irrigation Cost	1	Acre	62.00	62.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 624.76</b>	
Land Real Estate Taxes	1	Acre	0.30%	7.53	
Land Interest	2511	Acre	4.00%	100.44	
<b>Total Cost</b>		Acre		<b>\$ 732.74</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	\$3.98	\$4.98	\$5.88	190	\$2.68	\$3.31	\$3.88
130	\$3.71	\$4.63	\$5.46	200	\$2.57	\$3.17	\$3.71
140	\$3.47	\$4.33	\$5.10	210	\$2.47	\$3.04	\$3.55
150	\$3.27	\$4.07	\$4.79	220	\$2.38	\$2.92	\$3.41
160	\$3.10	\$3.85	\$4.52	230	\$2.29	\$2.82	\$3.29
170	\$2.94	\$3.65	\$4.28	240	\$2.22	\$2.72	\$3.17
180	\$2.80	\$3.47	\$4.07	250	\$2.15	\$2.63	\$3.06

## University of Missouri Extension Southeast Missouri Crop Budget 2008 Hybrid Rice Budget - Clearfield

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed - Includes \$6 Tech Fee	30	Pounds	3.60	114.00	
Nitrogen	150	Pounds	0.50	75.00	
Phosphate	30	Pounds	0.42	12.60	
Potash	40	Pounds	0.28	11.20	
Limestone	0	Tons	21.00	-	
Zinc	3	Pounds	2.75	8.25	
Sulfur	0	Pounds	0.00	-	
Fungicide	0	Ounces	2.00	-	
Post-Emerge - Newpath	8	Ounces	4.00	32.00	
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	0.16	28.80	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	28.00	28.00	
Machinery Repairs	1	Acre	14.00	14.00	
Irrigation Fuel	1	Acre	55.00	55.00	
Irrigation Repairs	1	Acre	9.00	9.00	
Labor	1	Acre	21.00	21.00	
Scout	1	Acre	8.00	8.00	
Irrigation Labor	1	Acre	5.00	5.00	
Custom Application	3	Acre	5.50	16.50	
Subtotal		Acre		\$ 512.35	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	20.49	
<b>Total Variable</b>		Acre		<b>\$ 532.84</b>	
Fixed Machinery Cost	1	Acre	58.00	58.00	
Fixed Irrigation Cost	1	Acre	62.00	62.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 652.84</b>	
Land Real Estate Taxes	1	Acre	0.30%	7.53	
Land Interest	2511	Acre	4.00%	100.44	
<b>Total Cost</b>		Acre		<b>\$ 760.82</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
120	\$4.21	\$5.21	\$6.11	190	\$2.83	\$3.46	\$4.03
130	\$3.92	\$4.84	\$5.68	200	\$2.71	\$3.31	\$3.85
140	\$3.67	\$4.53	\$5.30	210	\$2.60	\$3.17	\$3.69
150	\$3.46	\$4.26	\$4.98	220	\$2.51	\$3.05	\$3.54
160	\$3.27	\$4.02	\$4.70	230	\$2.42	\$2.94	\$3.41
170	\$3.11	\$3.81	\$4.45	240	\$2.34	\$2.84	\$3.29
180	\$2.96	\$3.63	\$4.23	250	\$2.26	\$2.74	\$3.17

## University of Missouri Extension Southeast Missouri Crop Budget

# 2008 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	36.00	43.20	
Nitrogen	0	Pounds	0.50	-	
Phosphate	30	Pounds	0.42	12.60	
Potash	50	Pounds	0.28	14.00	
Limestone	0.25	Tons	21.00	5.25	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	12.00	12.00	
Insecticide	1	Acre	6.00	6.00	
Burn Down Herbicides	1	Acre	6.00	6.00	
Pre-Emerge	0	Acre	0.00	-	
Post-Emerge	2	Acre	6.00	12.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel	1	Acre	9.00	9.00	
Machinery Repairs	1	Acre	6.00	6.00	
Hauling & Transportation*	35	Bushels	0.16	5.60	
Irrigation Fuel (Acre Inches)	0	Acre	2.80	-	
Irrigation Repairs	0	Acre	9.00	-	
Labor	1	Acre	8.00	8.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Application	1	Acre	5.50	5.50	
Subtotal		Acre		\$ 150.15	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	6.01	
<b>Total Variable</b>		Acre		<b>\$ 156.16</b>	
Fixed Machinery Cost	1	Acre	23.00	23.00	
Fixed Irrigation Cost	0	Acre	62.00	-	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 179.16</b>	
Land Real Estate Taxes	1	Acre	0.30%	3.77	
Land Interest	1256	Acre	4.00%	50.24	
<b>Total Cost</b>		Acre		<b>\$ 233.16</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	\$7.69	\$8.84	\$11.54	55	\$2.90	\$3.32	\$4.30
25	\$6.18	\$7.10	\$9.26	60	\$2.67	\$3.05	\$3.95
30	\$5.18	\$5.95	\$7.75	65	\$2.48	\$2.83	\$3.66
35	\$4.46	\$5.12	\$6.66	70	\$2.31	\$2.64	\$3.41
40	\$3.92	\$4.50	\$5.85	75	\$2.17	\$2.47	\$3.19
45	\$3.51	\$4.02	\$5.22	80	\$2.04	\$2.33	\$3.00
50	\$3.17	\$3.63	\$4.71	85	\$1.93	\$2.20	\$2.84

**University of Missouri Extension Southeast Missouri Crop Budget  
2008 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	36.00	43.20	
Nitrogen	0	Pounds	0.50	-	
Phosphate	40	Pounds	0.42	16.80	
Potash	65	Pounds	0.28	18.20	
Limestone	0.25	Tons	21.00	5.25	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	12.00	12.00	
Insecticide	1	Acre	6.00	6.00	
Burn Down Herbicides	1	Acre	6.00	6.00	
Pre-Emerge	0	Acre	0.00	-	
Post-Emerge	2	Acre	6.00	12.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel	1	Acre	9.00	9.00	
Machinery Repairs	1	Acre	6.00	6.00	
Hauling & Transportation*	45	Bushels	0.16	7.20	
Irrigation Fuel (Acre Inches)	8	Acre	2.80	22.40	
Irrigation Repairs	1	Acre	9.00	9.00	
Labor	1	Acre	8.00	8.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Application	1	Acre	5.50	5.50	
Subtotal		Acre		\$ 194.55	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	7.78	
<b>Total Variable</b>		Acre		<b>\$ 202.33</b>	
Fixed Machinery Cost	1	Acre	23.00	23.00	
Fixed Irrigation Cost	1	Acre	62.00	62.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 287.33</b>	
Land Real Estate Taxes	1	Acre	0.30%	3.77	
Land Interest	1256	Acre	4.00%	50.24	
<b>Total Cost</b>		Acre		<b>\$ 341.34</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	\$9.92	\$14.17	\$16.87	55	\$3.71	\$5.25	\$6.24
25	\$7.97	\$11.37	\$13.53	60	\$3.41	\$4.83	\$5.73
30	\$6.66	\$9.50	\$11.30	65	\$3.16	\$4.47	\$5.30
35	\$5.74	\$8.16	\$9.71	70	\$2.95	\$4.16	\$4.93
40	\$5.04	\$7.16	\$8.51	75	\$2.76	\$3.90	\$4.62
45	\$4.50	\$6.39	\$7.59	80	\$2.60	\$3.66	\$4.34
50	\$4.06	\$5.76	\$6.84	85	\$2.46	\$3.46	\$4.09

## University of Missouri Extension Southeast Missouri Crop Budget 2008 No-Till Double Crop Conventional Soybean

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.2	Bags	19.00	22.80	
Nitrogen	0	Pounds	0.50	-	
Phosphate	30	Pounds	0.42	12.60	
Potash	50	Pounds	0.28	14.00	
Limestone	0.25	Tons	21.00	5.25	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	12.00	12.00	
Insecticide	1	Acre	6.00	6.00	
Burn Down Herbicides	1	Acre	6.00	6.00	
Pre-Emerge	0	Acre	0.00	-	
Post-Emerge	1	Acre	30.00	30.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel	1	Acre	9.00	9.00	
Machinery Repairs	1	Acre	6.00	6.00	
Hauling & Transportation*	35	Bushels	0.16	5.60	
Irrigation Fuel (Acre Inches)	0	Acre	2.80	-	
Irrigation Repairs	0	Acre	9.00	-	
Labor	1	Acre	8.00	8.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Application	1	Acre	5.50	5.50	
Subtotal		Acre		\$ 147.75	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	5.91	
<b>Total Variable</b>		Acre		<b>\$ 153.66</b>	
Fixed Machinery Cost	1	Acre	23.00	23.00	
Fixed Irrigation Cost	0	Acre	62.00	-	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 176.66</b>	
Land Real Estate Taxes	1	Acre	0.30%	3.77	
Land Interest	1256	Acre	4.00%	50.24	
<b>Total Cost</b>		Acre		<b>\$ 230.67</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	\$7.56	\$8.71	\$11.41	55	\$2.85	\$3.27	\$4.25
25	\$6.08	\$7.00	\$9.16	60	\$2.63	\$3.01	\$3.91
30	\$5.10	\$5.86	\$7.66	65	\$2.44	\$2.79	\$3.62
35	\$4.39	\$5.05	\$6.59	70	\$2.28	\$2.60	\$3.38
40	\$3.86	\$4.44	\$5.79	75	\$2.13	\$2.44	\$3.16
45	\$3.45	\$3.96	\$5.16	80	\$2.01	\$2.30	\$2.97
50	\$3.12	\$3.58	\$4.66	85	\$1.90	\$2.17	\$2.81

## University of Missouri Extension Southeast Missouri Crop Budget 2008 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	19.00	22.80	
Nitrogen	0	Pounds	0.50	-	
Phosphate	40	Pounds	0.42	16.80	
Potash	65	Pounds	0.28	18.20	
Limestone	0.25	Tons	21.00	5.25	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	12.00	12.00	
Insecticide	1	Acre	6.00	6.00	
Burn Down Herbicides	1	Acre	6.00	6.00	
Pre-Emerge	0	Acre	0.00	-	
Post-Emerge	1	Acre	30.00	30.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel	1	Acre	9.00	9.00	
Machinery Repairs	1	Acre	6.00	6.00	
Hauling & Transportation*	45	Bushels	0.16	7.20	
Irrigation Fuel (Acre Inches)	8	Acre	2.80	22.40	
Irrigation Repairs	1	Acre	9.00	9.00	
Labor	1	Acre	8.00	8.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Application	1	Acre	5.50	5.50	
Subtotal		Acre		\$ 192.15	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	7.69	
<b>Total Variable</b>		Acre		<b>\$ 199.84</b>	
Fixed Machinery Cost	1	Acre	23.00	23.00	
Fixed Irrigation Cost	1	Acre	62.00	62.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 284.84</b>	
Land Real Estate Taxes	1	Acre	0.30%	3.77	
Land Interest	1256	Acre	4.00%	50.24	
<b>Total Cost</b>		Acre		<b>\$ 338.84</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	\$9.79	\$14.04	\$16.74	55	\$3.66	\$5.21	\$6.19
25	\$7.87	\$11.27	\$13.43	60	\$3.37	\$4.79	\$5.69
30	\$6.58	\$9.41	\$11.21	65	\$3.12	\$4.43	\$5.26
35	\$5.66	\$8.09	\$9.64	70	\$2.91	\$4.13	\$4.90
40	\$4.98	\$7.10	\$8.45	75	\$2.73	\$3.86	\$4.58
45	\$4.44	\$6.33	\$7.53	80	\$2.57	\$3.63	\$4.31
50	\$4.01	\$5.71	\$6.79	85	\$2.43	\$3.43	\$4.06



## University of Missouri Extension Southeast Missouri Crop Budget 2008 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	70.00	11.20	
Nitrogen	90	Pounds	0.50	45.00	
Phosphate	35	Pounds	0.42	14.70	
Potash	25	Pounds	0.28	7.00	
Limestone	0.25	Tons	21.00	5.25	
Starter Fertilizer	0	Acre	0.00	-	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Burn Down Herbicides	1	Acre	6.00	6.00	
Pre-Emerge	1	Acre	18.00	18.00	
Post-Emerge	1	Acre	3.00	3.00	
Fungicide	0	Acre	12.00	-	
Insecticide	1	Acre	12.00	12.00	
Drying Fuel & Electricity*	70	Bushels	0.14	9.80	
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	0.16	11.20	
Irrigation Fuel (Acre Inches)	0	Acre	2.80	-	
Irrigation Repairs	0	Acre	9.00	-	
Labor	1	Acre	12.00	12.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Application	2	Acre	5.50	11.00	
Subtotal		Acre		\$ 196.15	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	7.85	
<b>Total Variable</b>		Acre		<b>\$ 204.00</b>	
Fixed Machinery Cost	1	Acre	33.00	33.00	
Fixed Irrigation Cost	0	Acre	62.00	-	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 237.00</b>	
Land Real Estate Taxes	1	Acre	0.30%	3.77	
Land Interest	1256	Acre	4.00%	50.24	
<b>Total Cost</b>		Acre		<b>\$ 291.00</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	\$3.96	\$4.62	\$5.70	120	\$1.82	\$2.10	\$2.55
60	\$3.35	\$3.90	\$4.80	130	\$1.71	\$1.96	\$2.38
70	\$2.91	\$3.39	\$4.16	140	\$1.61	\$1.84	\$2.23
80	\$2.59	\$3.00	\$3.68	150	\$1.52	\$1.74	\$2.10
90	\$2.33	\$2.70	\$3.30	160	\$1.44	\$1.65	\$1.99
100	\$2.13	\$2.46	\$3.00	170	\$1.38	\$1.57	\$1.89
110	\$1.96	\$2.26	\$2.75	180	\$1.32	\$1.50	\$1.80

**University of Missouri Extension Southeast Missouri Crop Budget**  
**2008 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	70.00	14.00	
Nitrogen	125	Pounds	0.50	62.50	
Phosphate	55	Pounds	0.42	23.10	
Potash	35	Pounds	0.28	9.80	
Limestone	0.25	Tons	21.00	5.25	
Starter Fertilizer	0	Acre	0.00	-	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Burn Down Herbicides	1	Acre	6.00	6.00	
Pre-Emerge	1	Acre	18.00	18.00	
Post-Emerge	1	Acre	3.00	3.00	
Fungicide	0	Acre	12.00	-	
Insecticide	1	Acre	12.00	12.00	
Drying Fuel & Electricity*	110	Bushels	0.14	15.40	
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	0.16	17.60	
Irrigation Fuel (Acre Inches)	8	Acre	2.80	22.40	
Irrigation Repairs	1	Acre	9.00	9.00	
Labor	1	Acre	12.00	12.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Application	2	Acre	5.50	11.00	
Subtotal		Acre		\$ 274.05	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	10.96	
<b>Total Variable</b>		Acre		<b>\$ 285.01</b>	
Fixed Machinery Cost	1	Acre	33.00	33.00	
Fixed Irrigation Cost	1	Acre	62.00	62.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 380.01</b>	
Land Real Estate Taxes	1	Acre	0.30%	3.77	
Land Interest	1256	Acre	4.00%	50.24	
<b>Total Cost</b>		Acre		<b>\$ 434.02</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	\$3.90	\$5.26	\$6.03	140	\$2.10	\$2.78	\$3.16
80	\$3.45	\$4.64	\$5.31	150	\$1.98	\$2.61	\$2.97
90	\$3.10	\$4.16	\$4.76	160	\$1.88	\$2.47	\$2.81
100	\$2.82	\$3.77	\$4.31	170	\$1.78	\$2.34	\$2.66
110	\$2.59	\$3.45	\$3.95	180	\$1.70	\$2.23	\$2.53
120	\$2.40	\$3.19	\$3.64	190	\$1.63	\$2.13	\$2.41
130	\$2.24	\$2.97	\$3.38	200	\$1.56	\$2.04	\$2.31

## University of Missouri Extension Southeast Missouri Crop Budget

### 2008 Double Crop Southern Pea Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	20	Pounds	0.75	15.00	
Nitrogen	0	Pounds	0.50	-	
Phosphate	30	Pounds	0.42	12.60	
Potash	50	Pounds	0.28	14.00	
Limestone	0.25	Tons	21.00	5.25	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Pre-Emerge	1	Acre	18.00	18.00	
Post-Emerge	0	Acre	0.00	-	
Insecticide	1	Acre	10.00	10.00	
Desiccation	1	Acre	2.50	2.50	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Hauling & Transportation*	1200	Pounds	0.0015	1.80	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel	1	Acre	15.00	15.00	
Machinery Repairs	1	Acre	9.00	9.00	
Irrigation Fuel (Acre Inches)	0	Acre	2.80	-	
Irrigation Repairs	0	Acre	9.00	-	
Labor	1	Acre	12.00	12.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Application	0	Acre	5.50	-	
Subtotal		Acre		\$ 120.15	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	4.81	
<b>Total Variable</b>		Acre		<b>\$ 124.96</b>	
Fixed Machinery Cost	1	Acre	35.00	35.00	
Fixed Irrigation Cost	0	Acre	62.00	-	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 159.96</b>	
Land Real Estate Taxes	1	Acre	0.30%	3.77	
Land Interest	1256	Acre	4.00%	50.24	
<b>Total Cost</b>		Acre		<b>\$ 213.96</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	\$0.207	\$0.265	\$0.355	1300	\$0.096	\$0.123	\$0.165
700	\$0.177	\$0.227	\$0.305	1400	\$0.089	\$0.114	\$0.153
800	\$0.155	\$0.199	\$0.267	1500	\$0.084	\$0.107	\$0.143
900	\$0.138	\$0.177	\$0.237	1600	\$0.078	\$0.100	\$0.134
1000	\$0.125	\$0.160	\$0.214	1700	\$0.074	\$0.095	\$0.126
1100	\$0.113	\$0.145	\$0.194	1800	\$0.070	\$0.089	\$0.119
1200	\$0.104	\$0.133	\$0.178	1900	\$0.066	\$0.085	\$0.113

## University of Missouri Extension Southeast Missouri Crop Budget 2008 Center Pivot Irrigated D. C. Southern Pea

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	20	Pounds	0.75	15.00	
Nitrogen	0	Pounds	0.50	-	
Phosphate	40	Pounds	0.42	16.80	
Potash	65	Pounds	0.28	18.20	
Limestone	0.25	Tons	21.00	5.25	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Pre-Emerge	1	Acre	18.00	18.00	
Post-Emerge	0	Acre	0.00	-	
Insecticide	1	Acre	10.00	10.00	
Desiccation	1	Acre	2.50	2.50	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Hauling & Transportation*	1600	Pounds	0.0015	2.40	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel	1	Acre	15.00	15.00	
Machinery Repairs	1	Acre	9.00	9.00	
Irrigation Fuel (Acre Inches)	8	Acre	2.80	22.40	
Irrigation Repairs	1	Acre	9.00	9.00	
Labor	1	Acre	12.00	12.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Application	0	Acre	5.50	-	
Subtotal		Acre		\$ 163.55	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	6.54	
<b>Total Variable</b>		Acre		<b>\$ 170.09</b>	
Fixed Machinery Cost	1	Acre	35.00	35.00	
Fixed Irrigation Cost	1	Acre	62.00	62.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 267.09</b>	
Land Real Estate Taxes	1	Acre	0.30%	3.77	
Land Interest	1256	Acre	4.00%	50.24	
<b>Total Cost</b>		Acre		<b>\$ 321.10</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	\$0.169	\$0.266	\$0.320	1700	\$0.100	\$0.157	\$0.189
1100	\$0.154	\$0.242	\$0.291	1800	\$0.095	\$0.149	\$0.179
1200	\$0.141	\$0.222	\$0.267	1900	\$0.090	\$0.141	\$0.169
1300	\$0.130	\$0.205	\$0.247	2000	\$0.085	\$0.134	\$0.161
1400	\$0.121	\$0.191	\$0.229	2100	\$0.081	\$0.128	\$0.153
1500	\$0.113	\$0.178	\$0.214	2200	\$0.078	\$0.122	\$0.146
1600	\$0.106	\$0.167	\$0.201	2300	\$0.074	\$0.117	\$0.140

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

**Crop 1 - Select Crop Below**

Irrigated Corn  
 Corn  
 Irrigated Corn  
 Bt Corn

Irr = Irrigation  
 RR = Roundup Ready  
 DC = Double Crop

Corn  
 Price Yield  
 \$4.50 180  
 ▲ ▼ ▲ ▼

Select Price and Yield  
 For both crops

**Crop 2 - Select Crop Below**

Irr. Roundup Ready  
 Irr. Roundup Ready Soybeans  
 Grain Sorghum  
 Irrigated Grain Sorghum

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

Soybeans  
 Price Yield  
 \$7.67 50  
 ▲ ▼ ▲ ▼

Price Yield  
 \$0.00 0  
 ▲ ▼ ▲ ▼

Crop 1 - Select Crop Below

Irrigated Corn

Crop 2 - Select Crop Below

Irr. Roundup Ready Soybeans

	Variable Costs	Total Cost
Irrigated Corn	\$ 443.04	\$ 655.01
Irr. Roundup Ready Soybeans	\$ 222.56	\$ 422.53

Irrigated Corn versus Irr. Roundup Ready Soybeans Equal returns Based on Variable Production Costs						
Irr Corn yields with the same net income as				\$7.67 Soybeans		
Soybeans Yields	Corn		Prices			
	\$4.30	\$4.40	\$4.50	\$4.60	\$4.70	\$4.80
40	123	121	118	115	113	110
45	132	129	126	124	121	118
50	141	138	135	132	129	126
55	150	147	143	140	137	134
60	159	155	152	149	145	142

  

Irrigated Corn versus Irr. Roundup Ready Soybeans Equal returns Based on Variable Production Costs						
Irr RR Soybeans yields with the same net income as				\$4.50 Corn		
Corn Yields	Soybeans		Prices			
	\$7.17	\$7.42	\$7.67	\$7.92	\$8.17	\$8.42
160	70	67	65	63	61	59
170	76	73	71	69	67	65
180	82	79	77	74	72	70
190	89	86	83	80	78	75
200	95	92	89	86	83	81