

University of Missouri Extension Southeast Missouri Crop Budget

2007 Corn Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.3	Bags	115.00	34.50	
Nitrogen	140	Pounds	0.32	44.80	
Phosphate	40	Pounds	0.26	10.40	
Potash	60	Pounds	0.20	12.00	
Limestone	0.5	Tons	21.00	10.50	
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	
Insecticide	0	Pints	0.00	-	
Drying Fuel & Electricity*	125	Bushels	0.12	15.00	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel and Repairs	1	Acre	28.00	28.00	
Hauling & Transportation*	125	Bushels	0.15	18.75	
Irrigation Fuel (Acre Inches)	0	Acre	2.40	-	
Irrigation Repairs	0	Acre	6.00	-	
Labor	1	Acre	15.00	15.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Hire	0	Acre	4.50	-	
Subtotal		Acre		\$ 223.95	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	8.96	
Total Variable		Acre		\$ 232.91	
Fixed Machinery Cost	1	Acre	39.00	39.00	
Fixed Irrigation Cost	0	Acre	54.00	-	
Total (Excluding Land)		Acre		\$ 271.91	
Land Real Estate Taxes	1	Acre	0.30%	7.11	
Land Interest	2370	Acre	4.00%	94.80	
Total Cost		Acre		\$ 373.82	

* Drying & Transportation Costs Change With Yields

Breakeven Price in \$/Bushel

Yield in Bushels/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
80	\$2.76	\$3.25	\$4.52
90	\$2.48	\$2.92	\$4.05
100	\$2.26	\$2.65	\$3.67
110	\$2.08	\$2.44	\$3.36
120	\$1.93	\$2.25	\$3.10
130	\$1.80	\$2.10	\$2.89
140	\$1.69	\$1.97	\$2.70
150	\$1.60	\$1.86	\$2.54
160	\$1.51	\$1.76	\$2.40
170	\$1.44	\$1.67	\$2.27
180	\$1.38	\$1.59	\$2.16
190	\$1.32	\$1.52	\$2.06
200	\$1.27	\$1.46	\$1.97

University of Missouri Extension Southeast Missouri Crop Budget 2007 Center Pivot Irrigated Corn Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.4	Bags	115.00	46.00	
Nitrogen	210	Pounds	0.32	67.20	
Phosphate	40	Pounds	0.26	10.40	
Potash	60	Pounds	0.20	12.00	
Limestone	0.5	Tons	21.00	10.50	
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	
Insecticide	0	Pints	0.00	-	
Drying Fuel & Electricity*	180	Bushels	0.12	21.60	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel and Repairs	1	Acre	28.00	28.00	
Hauling & Transportation*	180	Bushels	0.15	27.00	
Irrigation Fuel (Acre Inches)	12	Acre	2.40	28.80	
Irrigation Repairs	1	Acre	6.00	6.00	
Labor	1	Acre	15.00	15.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Hire	0	Acre	4.50	-	
Subtotal		Acre		\$ 310.50	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	12.42	
Total Variable		Acre		\$ 322.92	
Fixed Machinery Cost	1	Acre	39.00	39.00	
Fixed Irrigation Cost	1	Acre	54.00	54.00	
Total (Excluding Land)		Acre		\$ 415.92	
Land Real Estate Taxes	1	Acre	0.30%	7.11	
Land Interest	2370	Acre	4.00%	94.80	
Total Cost		Acre		\$ 517.83	

* Drying & Transportation Costs Change With Yields

Breakeven Price in \$/Bushel

Yield in Bushels/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
120	\$2.56	\$3.33	\$4.18
130	\$2.38	\$3.10	\$3.88
140	\$2.23	\$2.89	\$3.62
150	\$2.10	\$2.72	\$3.40
160	\$1.98	\$2.57	\$3.20
170	\$1.88	\$2.43	\$3.03
180	\$1.79	\$2.31	\$2.88
190	\$1.71	\$2.20	\$2.74
200	\$1.64	\$2.11	\$2.62
210	\$1.58	\$2.02	\$2.50
220	\$1.52	\$1.94	\$2.40
230	\$1.46	\$1.87	\$2.31
240	\$1.41	\$1.80	\$2.23

University of Missouri Extension Southeast Missouri Crop Budget

2007 Bt Corn Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.3	Bags	130.00	39.00	
Nitrogen	140	Pounds	0.32	44.80	
Phosphate	40	Pounds	0.26	10.40	
Potash	60	Pounds	0.20	12.00	
Limestone	0.5	Tons	21.00	10.50	
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	
Insecticide	0	Pints	0.00	-	
Drying Fuel & Electricity*	125	Bushels	0.12	15.00	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel and Repairs	1	Acre	28.00	28.00	
Hauling & Transportation*	125	Bushels	0.15	18.75	
Irrigation Fuel (Acre Inches)	0	Acre	2.40	-	
Irrigation Repairs	0	Acre	6.00	-	
Labor	1	Acre	15.00	15.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Hire	0	Acre	4.50	-	
Subtotal		Acre		\$ 228.45	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	9.14	
Total Variable		Acre		\$ 237.59	
Fixed Machinery Cost	1	Acre	39.00	39.00	
Fixed Irrigation Cost	0	Acre	54.00	-	
Total (Excluding Land)		Acre		\$ 276.59	
Land Real Estate Taxes	1	Acre	0.30%	7.11	
Land Interest	2370	Acre	4.00%	94.80	
Total Cost		Acre		\$ 378.50	

* Drying & Transportation Costs Change With Yields

Breakeven Price in \$/Bushel

Yield in Bushels/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
80	\$2.82	\$3.31	\$4.58
90	\$2.53	\$2.97	\$4.10
100	\$2.31	\$2.70	\$3.72
110	\$2.12	\$2.48	\$3.40
120	\$1.97	\$2.29	\$3.14
130	\$1.84	\$2.14	\$2.92
140	\$1.73	\$2.00	\$2.73
150	\$1.63	\$1.89	\$2.57
160	\$1.54	\$1.79	\$2.42
170	\$1.47	\$1.70	\$2.30
180	\$1.40	\$1.62	\$2.19
190	\$1.34	\$1.55	\$2.08
200	\$1.29	\$1.48	\$1.99

**University of Missouri Extension Southeast Missouri Crop Budget
2007 Center Pivot Irrigated Bt Corn Budget**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.4	Bags	130.00	52.00	
Nitrogen	210	Pounds	0.32	67.20	
Phosphate	40	Pounds	0.26	10.40	
Potash	60	Pounds	0.20	12.00	
Limestone	0.5	Tons	21.00	10.50	
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	
Insecticide	0	Pints	0.00	-	
Drying Fuel & Electricity*	180	Bushels	0.12	21.60	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel and Repairs	1	Acre	28.00	28.00	
Hauling & Transportation*	180	Bushels	0.15	27.00	
Irrigation Fuel (Acre Inches)	12	Acre	2.40	28.80	
Irrigation Repairs	1	Acre	6.00	6.00	
Labor	1	Acre	15.00	15.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Hire	0	Acre	4.50	-	
Subtotal		Acre		\$ 316.50	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	12.66	
Total Variable		Acre		\$ 329.16	
Fixed Machinery Cost	1	Acre	39.00	39.00	
Fixed Irrigation Cost	1	Acre	54.00	54.00	
Total (Excluding Land)		Acre		\$ 422.16	
Land Real Estate Taxes	1	Acre	0.30%	7.11	
Land Interest	2370	Acre	4.00%	94.80	
Total Cost		Acre		\$ 524.07	

* Drying & Transportation Costs Change With Yields

Breakeven Price in \$/Bushel

Yield in Bushels/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
120	\$2.61	\$3.38	\$4.23
130	\$2.43	\$3.14	\$3.93
140	\$2.27	\$2.94	\$3.67
150	\$2.14	\$2.76	\$3.44
160	\$2.02	\$2.60	\$3.24
170	\$1.92	\$2.47	\$3.07
180	\$1.83	\$2.35	\$2.91
190	\$1.75	\$2.24	\$2.77
200	\$1.67	\$2.14	\$2.65
210	\$1.61	\$2.05	\$2.53
220	\$1.55	\$1.97	\$2.43
230	\$1.49	\$1.89	\$2.34
240	\$1.44	\$1.83	\$2.25

University of Missouri Extension Southeast Missouri Crop Budget 2007 Roundup Ready & Bt Corn Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.3	Bags	145.00	43.50	
Nitrogen	140	Pounds	0.32	44.80	
Phosphate	40	Pounds	0.26	10.40	
Potash	60	Pounds	0.20	12.00	
Limestone	0.5	Tons	21.00	10.50	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Boron	0	Pounds	0.00	-	
Pre-Emerge	2	Quarts	15.00	30.00	
Post-Emerge	2	Quarts	10.00	20.00	
Insecticide	0	Pints	0.00	-	
Drying Fuel & Electricity*	125	Bushels	0.12	15.00	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel and Repairs	1	Acre	28.00	28.00	
Hauling & Transportation*	125	Bushels	0.15	18.75	
Irrigation Fuel (Acre Inches)	0	Acre	2.40	-	
Irrigation Repairs	0	Acre	6.00	-	
Labor	1	Acre	15.00	15.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Hire	0	Acre	4.50	-	
Subtotal		Acre		\$ 257.95	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	10.32	
Total Variable		Acre		\$ 268.27	
Fixed Machinery Cost	1	Acre	39.00	39.00	
Fixed Irrigation Cost	0	Acre	54.00	-	
Total (Excluding Land)		Acre		\$ 307.27	
Land Real Estate Taxes	1	Acre	0.30%	7.11	
Land Interest	2370	Acre	4.00%	94.80	
Total Cost		Acre		\$ 409.18	

* Drying & Transportation Costs Change With Yields

Breakeven Price in \$/Bushel

Yield in Bushels/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
80	\$3.20	\$3.69	\$4.96
90	\$2.88	\$3.31	\$4.44
100	\$2.62	\$3.01	\$4.02
110	\$2.40	\$2.76	\$3.68
120	\$2.22	\$2.55	\$3.40
130	\$2.07	\$2.37	\$3.16
140	\$1.95	\$2.22	\$2.95
150	\$1.83	\$2.09	\$2.77
160	\$1.74	\$1.98	\$2.62
170	\$1.65	\$1.88	\$2.48
180	\$1.57	\$1.79	\$2.36
190	\$1.50	\$1.71	\$2.25
200	\$1.44	\$1.64	\$2.15

University of Missouri Extension Southeast Missouri Crop Budget 2007 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	145.00	58.00	
Nitrogen	210	Pounds	0.32	67.20	
Phosphate	40	Pounds	0.26	10.40	
Potash	60	Pounds	0.20	12.00	
Limestone	0.5	Tons	21.00	10.50	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Boron	0	Pounds	0.00	-	
Pre-Emerge	2	Quarts	15.00	30.00	
Post-Emerge	2	Quarts	10.00	20.00	
Insecticide	0	Pints	0.00	-	
Drying Fuel & Electricity*	180	Bushels	0.12	21.60	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel and Repairs	1	Acre	28.00	28.00	
Hauling & Transportation*	180	Bushels	0.15	27.00	
Irrigation Fuel (Acre Inches)	12	Acre	2.40	28.80	
Irrigation Repairs	1	Acre	6.00	6.00	
Labor	1	Acre	15.00	15.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Hire	0	Acre	4.50	-	
Subtotal		Acre		\$ 347.50	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	13.90	
Total Variable		Acre		\$ 361.40	
Fixed Machinery Cost	1	Acre	39.00	39.00	
Fixed Irrigation Cost	1	Acre	54.00	54.00	
Total (Excluding Land)		Acre		\$ 454.40	
Land Real Estate Taxes	1	Acre	0.30%	7.11	
Land Interest	2370	Acre	4.00%	94.80	
Total Cost		Acre		\$ 556.31	

* Drying & Transportation Costs Change With Yields

Breakeven Price in \$/Bushel

Yield in Bushels/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
120	\$2.88	\$3.65	\$4.50
130	\$2.68	\$3.39	\$4.18
140	\$2.50	\$3.17	\$3.90
150	\$2.36	\$2.98	\$3.65
160	\$2.23	\$2.81	\$3.44
170	\$2.11	\$2.66	\$3.26
180	\$2.01	\$2.52	\$3.09
190	\$1.92	\$2.41	\$2.94
200	\$1.83	\$2.30	\$2.81
210	\$1.76	\$2.20	\$2.69
220	\$1.69	\$2.11	\$2.58
230	\$1.63	\$2.03	\$2.48
240	\$1.57	\$1.96	\$2.39

University of Missouri Extension Southeast Missouri Crop Budget 2007 Roundup Ready Soybean Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1	Bags	33.00	33.00	
Nitrogen	0	Pounds	0.32	-	
Phosphate	40	Pounds	0.26	10.40	
Potash	60	Pounds	0.20	12.00	
Limestone	0.5	Tons	21.00	10.50	
Fungicide - Rust & Diseases	1	Acres	12.00	12.00	
Sulfur	0	Pounds	0.00	-	
Burn Down Herbicides	0	Quarts	0.00	-	
Pre-Emerge	0	Acre	0.00	-	
Post-Emerge	2	Quarts	5.00	10.00	
Insecticide	1	Acre	6.00	6.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel and Repairs	1	Acre	18.00	18.00	
Hauling & Transportation*	40	Bushels	0.15	6.00	
Irrigation Fuel (Acre Inches)	0	Acre	2.40	-	
Irrigation Repairs	0	Acre	6.00	-	
Labor	1	Acre	10.00	10.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Hire	1	Acre	4.50	4.50	
Subtotal		Acre		\$ 142.40	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	5.70	
Total Variable		Acre		\$ 148.10	
Fixed Machinery Cost	1	Acre	27.00	27.00	
Fixed Irrigation Cost	0	Acre	54.00	-	
Total (Excluding Land)		Acre		\$ 175.10	
Land Real Estate Taxes	1	Acre	0.30%	7.11	
Land Interest	2370	Acre	4.00%	94.80	
Total Cost		Acre		\$ 277.01	

* Drying & Transportation Costs Change With Yields

Breakeven Price in \$/Bushel

Yield in Bushels/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
20	\$7.25	\$8.60	\$13.70
25	\$5.83	\$6.91	\$10.99
30	\$4.89	\$5.79	\$9.18
35	\$4.21	\$4.98	\$7.89
40	\$3.70	\$4.38	\$6.93
45	\$3.31	\$3.91	\$6.17
50	\$2.99	\$3.53	\$5.57
55	\$2.73	\$3.22	\$5.08
60	\$2.52	\$2.97	\$4.67
65	\$2.34	\$2.75	\$4.32
70	\$2.18	\$2.57	\$4.02
75	\$2.04	\$2.40	\$3.76
80	\$1.93	\$2.26	\$3.54

University of Missouri Extension Southeast Missouri Crop Budget 2007 Center Pivot Irr. Roundup Ready Soybean

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1	Bags	33.00	33.00	
Nitrogen	0	Pounds	0.32	-	
Phosphate	40	Pounds	0.26	10.40	
Potash	60	Pounds	0.20	12.00	
Limestone	0.5	Tons	21.00	10.50	
Fungicide - Rust & Diseases	1	Acres	12.00	12.00	
Sulfur	0	Pounds	0.00	-	
Burn Down Herbicides	0	Quarts	0.00	-	
Pre-Emerge	0	Acre	0.00	-	
Post-Emerge	2	Quarts	5.00	10.00	
Insecticide	1	Acres	6.00	6.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel and Repairs	1	Acre	18.00	18.00	
Hauling & Transportation*	50	Bushels	0.15	7.50	
Irrigation Fuel (Acre Inches)	8	Acre	2.40	19.20	
Irrigation Repairs	1	Acre	6.00	6.00	
Labor	1	Acre	10.00	10.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Hire	1	Acre	4.50	4.50	
Subtotal		Acre		\$ 172.10	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	6.88	
Total Variable		Acre		\$ 178.98	
Fixed Machinery Cost	1	Acre	27.00	27.00	
Fixed Irrigation Cost	1	Acre	54.00	54.00	
Total (Excluding Land)		Acre		\$ 259.98	
Land Real Estate Taxes	1	Acre	0.30%	7.11	
Land Interest	2370	Acre	4.00%	94.80	
Total Cost		Acre		\$ 361.89	

* Drying & Transportation Costs Change With Yields

Breakeven Price in \$/Bushel

Yield in Bushels/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
30	\$5.87	\$8.57	\$11.96
35	\$5.05	\$7.36	\$10.28
40	\$4.44	\$6.46	\$9.01
45	\$3.96	\$5.76	\$8.03
50	\$3.58	\$5.20	\$7.24
55	\$3.27	\$4.74	\$6.59
60	\$3.01	\$4.36	\$6.06
65	\$2.79	\$4.03	\$5.60
70	\$2.60	\$3.76	\$5.21
75	\$2.44	\$3.52	\$4.88
80	\$2.29	\$3.31	\$4.58
85	\$2.17	\$3.12	\$4.32
90	\$2.06	\$2.96	\$4.09

University of Missouri Extension Southeast Missouri Crop Budget 2007 Grain Sorghum Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.16	Bags	67.00	10.72	
Nitrogen	125	Pounds	0.32	40.00	
Phosphate	40	Pounds	0.26	10.40	
Potash	60	Pounds	0.20	12.00	
Limestone	0.5	Tons	21.00	10.50	
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	2.00	2.00	
Insecticide	0	Pints	0.00	-	
Drying Fuel & Electricity*	110	Bushels	0.12	13.20	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel and Repairs	1	Acre	28.00	28.00	
Hauling & Transportation*	110	Bushels	0.15	16.50	
Irrigation Fuel (Acre Inches)	0	Acre	2.40	-	
Irrigation Repairs	0	Acre	6.00	-	
Labor	1	Acre	14.00	14.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Hire	0	Acre	4.50	-	
Subtotal		Acre		\$ 185.32	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	7.41	
Total Variable		Acre		\$ 192.73	
Fixed Machinery Cost	1	Acre	35.00	35.00	
Fixed Irrigation Cost	0	Acre	54.00	-	
Total (Excluding Land)		Acre		\$ 227.73	
Land Real Estate Taxes	1	Acre	0.30%	7.11	
Land Interest	2370	Acre	4.00%	94.80	
Total Cost		Acre		\$ 329.64	

* Drying & Transportation Costs Change With Yields

Breakeven Price in \$/Bushel

Yield in Bushels/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
50	\$3.53	\$4.23	\$6.27
60	\$2.99	\$3.57	\$5.27
70	\$2.60	\$3.10	\$4.55
80	\$2.31	\$2.75	\$4.02
90	\$2.08	\$2.47	\$3.60
100	\$1.90	\$2.25	\$3.27
110	\$1.75	\$2.07	\$3.00
120	\$1.63	\$1.92	\$2.77
130	\$1.52	\$1.79	\$2.58
140	\$1.43	\$1.68	\$2.41
150	\$1.36	\$1.59	\$2.27
160	\$1.29	\$1.51	\$2.14
170	\$1.23	\$1.43	\$2.03

**University of Missouri Extension Southeast Missouri Crop Budget
2007 Center Pivot Irrigated Grain Sorghum Budget**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.2	Bags	67.00	13.40	
Nitrogen	150	Pounds	0.32	48.00	
Phosphate	40	Pounds	0.26	10.40	
Potash	60	Pounds	0.20	12.00	
Limestone	0.5	Tons	21.00	10.50	
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	2.00	2.00	
Insecticide	0	Pints	0.00	-	
Drying Fuel & Electricity*	130	Bushels	0.12	15.60	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel and Repairs	1	Acre	28.00	28.00	
Hauling & Transportation*	130	Bushels	0.15	19.50	
Irrigation Fuel (Acre Inches)	10	Acre	2.40	24.00	
Irrigation Repairs	1	Acre	6.00	6.00	
Labor	1	Acre	14.00	14.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Hire	0	Acre	4.50	-	
Subtotal		Acre		\$ 234.40	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	9.38	
Total Variable		Acre		\$ 243.78	
Fixed Machinery Cost	1	Acre	35.00	35.00	
Fixed Irrigation Cost	1	Acre	54.00	54.00	
Total (Excluding Land)		Acre		\$ 332.78	
Land Real Estate Taxes	1	Acre	0.30%	7.11	
Land Interest	2370	Acre	4.00%	94.80	
Total Cost		Acre		\$ 434.69	

* Drying & Transportation Costs Change With Yields

Breakeven Price in \$/Bushel

Yield in Bushels/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
80	\$2.88	\$3.99	\$5.26
90	\$2.59	\$3.58	\$4.71
100	\$2.36	\$3.25	\$4.27
110	\$2.17	\$2.98	\$3.90
120	\$2.01	\$2.75	\$3.60
130	\$1.88	\$2.56	\$3.34
140	\$1.76	\$2.40	\$3.12
150	\$1.66	\$2.25	\$2.93
160	\$1.57	\$2.13	\$2.77
170	\$1.50	\$2.02	\$2.62
180	\$1.43	\$1.92	\$2.49
190	\$1.37	\$1.84	\$2.37
200	\$1.31	\$1.76	\$2.27

University of Missouri Extension Southeast Missouri Crop Budget

2007 Wheat Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	2.25	Bags	9.00	20.25	
Nitrogen	100	Pounds	0.32	32.00	
Phosphate	40	Pounds	0.26	10.40	
Potash	40	Pounds	0.20	8.00	
Limestone	0.25	Tons	21.00	5.25	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Pre-Emerge	0	Quarts	0.00	-	
Post-Emerge	0.6	Ounces	12.00	7.20	
Fungicide	4	Ounces	2.60	10.40	
Insecticide	0.5	Pints	11.60	5.80	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel and Repairs	1	Acre	17.00	17.00	
Hauling & Transportation*	60	Bushels	0.15	9.00	
Irrigation Fuel (Acre Inches)	0	Acre	2.40	-	
Irrigation Repairs	0	Acre	6.00	-	
Labor	1	Acre	10.00	10.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Hire	1	Acre	4.50	4.50	
Subtotal		Acre		\$ 144.80	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	5.79	
Total Variable		Acre		\$ 150.59	
Fixed Machinery Cost	1	Acre	24.00	24.00	
Fixed Irrigation Cost	0	Acre	54.00	-	
Total (Excluding Land)		Acre		\$ 174.59	
Land Real Estate Taxes	1	Acre	0.30%	3.56	
Land Interest	1185	Acre	4.00%	47.40	
Total Cost		Acre		\$ 225.55	

* Drying & Transportation Costs Change With Yields

Breakeven Price in \$/Bushel

Yield in Bushels/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
40	\$3.69	\$4.29	\$5.56
45	\$3.30	\$3.83	\$4.96
50	\$2.98	\$3.46	\$4.48
55	\$2.72	\$3.16	\$4.09
60	\$2.51	\$2.91	\$3.76
65	\$2.33	\$2.70	\$3.48
70	\$2.17	\$2.52	\$3.24
75	\$2.04	\$2.36	\$3.04
80	\$1.92	\$2.22	\$2.86
85	\$1.82	\$2.10	\$2.70
90	\$1.72	\$1.99	\$2.56
95	\$1.64	\$1.89	\$2.43
100	\$1.57	\$1.81	\$2.32

University of Missouri Extension Southeast Missouri Crop Budget 2007 Center Pivot Irrigated Popcorn Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	10	Pounds	3.35	33.50	
Nitrogen	180	Pounds	0.32	57.60	
Phosphate	40	Pounds	0.26	10.40	
Potash	60	Pounds	0.20	12.00	
Limestone	0.5	Tons	21.00	10.50	
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	
Insecticide	1	Acre	15.00	15.00	
Drying Fuel & Electricity*	0	Pounds	0.00	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel and Repairs	1	Acre	28.00	28.00	
Hauling & Transportation	4000	Pounds	0.0015	6.00	
Irrigation Fuel (Acre Inches)	12	Acre	2.40	28.80	
Irrigation Repairs	1	Acre	6.00	6.00	
Labor	1	Acre	15.00	15.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Hire	0	Acre	4.50	-	
Subtotal		Acre		\$ 260.80	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	10.43	
Total Variable		Acre		\$ 271.23	
Fixed Machinery Cost	1	Acre	39.00	39.00	
Fixed Irrigation Cost	1	Acre	54.00	54.00	
Total (Excluding Land)		Acre		\$ 364.23	
Land Real Estate Taxes	1	Acre	0.30%	7.11	
Land Interest	2370	Acre	4.00%	94.80	
Total Cost		Acre		\$ 466.14	

* Drying & Transportation Costs Change With Yields

Breakeven Price in \$/Pound

Yield in Bushels/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
2500	\$0.108	\$0.145	\$0.186
2750	\$0.098	\$0.132	\$0.169
3000	\$0.090	\$0.121	\$0.155
3250	\$0.083	\$0.112	\$0.143
3500	\$0.077	\$0.104	\$0.133
3750	\$0.072	\$0.097	\$0.124
4000	\$0.068	\$0.091	\$0.117
4250	\$0.064	\$0.086	\$0.110
4500	\$0.060	\$0.081	\$0.104
4750	\$0.057	\$0.077	\$0.098
5000	\$0.055	\$0.073	\$0.094
5250	\$0.052	\$0.070	\$0.089
5500	\$0.050	\$0.067	\$0.085

**University of Missouri Extension Southeast Missouri Crop Budget
2007 Bollgard II/R. R. Flex Cotton Budget**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed**	1	Units	98.00	98.00	
Nitrogen	80	Pounds	0.32	25.60	
Phosphate	30	Pounds	0.26	7.80	
Potash	60	Pounds	0.20	12.00	
Limestone	0.5	Tons	21.00	10.50	
Sulfur	0	Pounds	0.00	-	
Boron	1	Pounds	3.50	3.50	
Pre-Emerge	0	Acre	0.00	-	
Post-Emerge - Roundup	2	Quarts	5.00	10.00	
Post-Emerge	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	8.00	8.00	
Defoliation	1	Acre	8.00	8.00	
Boll Opener	1	Acre	7.00	7.00	
Ginning (changes with Yield)	0	Pounds	0.00	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel and Repairs	1	Acre	50.00	50.00	
Irrigation Fuel (Acre Inches)	0	Acre	2.40	-	
Irrigation Repairs	0	Acre	6.00	-	
Labor	1	Acre	26.00	26.00	
Scout	1	Acre	8.00	8.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Hire	2	Acre	4.50	9.00	
Subtotal		Acre		\$ 345.90	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	13.84	
Total Variable		Acre		\$ 359.74	
Fixed Machinery Cost	1	Acre	90.00	90.00	
Fixed Irrigation Cost	0	Acre	54.00	-	
Total (Excluding Land)		Acre		\$ 449.74	
Land Real Estate Taxes	1	Acre	0.30%	7.11	
Land Interest	2370	Acre	4.00%	94.80	
Total Cost		Acre		\$ 551.65	

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

Breakeven Price in \$/Pound

Yield in Bushels/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
480	\$0.749	\$0.937	\$1.149
540	\$0.666	\$0.833	\$1.022
600	\$0.600	\$0.750	\$0.919
660	\$0.545	\$0.681	\$0.836
720	\$0.500	\$0.625	\$0.766
780	\$0.461	\$0.577	\$0.707
840	\$0.428	\$0.535	\$0.657
900	\$0.400	\$0.500	\$0.613
960	\$0.375	\$0.468	\$0.575
1020	\$0.353	\$0.441	\$0.541
1080	\$0.333	\$0.416	\$0.511
1140	\$0.316	\$0.395	\$0.484
1200	\$0.300	\$0.375	\$0.460

**University of Missouri Extension Southeast Missouri Crop Budget
2007 Center Pivot Irr. Bollgard II/R. R. Flex Cotton Budget**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed**	1	Units	98.00	98.00	
Nitrogen	100	Pounds	0.32	32.00	
Phosphate	30	Pounds	0.26	7.80	
Potash	60	Pounds	0.20	12.00	
Limestone	0.5	Tons	21.00	10.50	
Sulfur	0	Pounds	0.00	-	
Boron	1	Pounds	3.50	3.50	
Pre-Emerge	0	Acre	0.00	-	
Post-Emerge - Roundup	2	Quarts	5.00	10.00	
Post-Emerge	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	8.00	8.00	
Defoliation	1	Acre	8.00	8.00	
Boll Opener	1	Acre	7.00	7.00	
Ginning (changes with Yield)	0	Pounds	0.00	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel and Repairs	1	Acre	50.00	50.00	
Irrigation Fuel (Acre Inches)	9	Acre	2.40	21.60	
Irrigation Repairs	1	Acre	6.00	6.00	
Labor	1	Acre	26.00	26.00	
Scout	1	Acre	8.00	8.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Hire	3	Acre	4.50	13.50	
Subtotal		Acre		\$ 387.40	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	15.50	
Total Variable		Acre		\$ 402.90	
Fixed Machinery Cost	1	Acre	90.00	90.00	
Fixed Irrigation Cost	1	Acre	54.00	54.00	
Total (Excluding Land)		Acre		\$ 546.90	
Land Real Estate Taxes	1	Acre	0.30%	7.11	
Land Interest	2370	Acre	4.00%	94.80	
Total Cost		Acre		\$ 648.81	

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

Breakeven Price in \$/Pound

Yield in Bushels/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
720	\$0.560	\$0.760	\$0.901
780	\$0.517	\$0.701	\$0.832
840	\$0.480	\$0.651	\$0.772
900	\$0.448	\$0.608	\$0.721
960	\$0.420	\$0.570	\$0.676
1020	\$0.395	\$0.536	\$0.636
1080	\$0.373	\$0.506	\$0.601
1140	\$0.353	\$0.480	\$0.569
1200	\$0.336	\$0.456	\$0.541
1260	\$0.320	\$0.434	\$0.515
1320	\$0.305	\$0.414	\$0.492
1380	\$0.292	\$0.396	\$0.470
1440	\$0.280	\$0.380	\$0.451

**University of Missouri Extension Southeast Missouri Crop Budget
2007 Rice Budget - Francis Variety**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	96	Pounds	0.18	17.28	
Nitrogen	150	Pounds	0.32	48.00	
Phosphate	30	Pounds	0.26	7.80	
Potash	40	Pounds	0.20	8.00	
Limestone	0	Tons	21.00	-	
Zinc	3	Pounds	1.75	5.25	
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	1	Acre	5.50	5.50	
Drying (Custom/Bushel)*	150	Bushels	0.35	52.50	
Hauling & Transportation*	150	Bushels	0.15	22.50	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel and Repairs	1	Acre	38.00	38.00	
Irrigation Fuel (Acre Inches)	1	Acre	50.00	50.00	
Irrigation Repairs	1	Acre	6.00	6.00	
Labor	1	Acre	20.00	20.00	
Irrigation Labor	1	Acre	5.00	5.00	
Custom Hire	4	Acre	4.50	18.00	
Subtotal		Acre		\$ 390.43	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	15.62	
Total Variable		Acre		\$ 406.05	
Fixed Machinery Cost	1	Acre	58.00	58.00	
Fixed Irrigation Cost	1	Acre	54.00	54.00	
Total (Excluding Land)		Acre		\$ 518.05	
Land Real Estate Taxes	1	Acre	0.30%	7.11	
Land Interest	2370	Acre	4.00%	94.80	
Total Cost		Acre		\$ 619.96	

* Drying & Transportation Costs Change With Yields

Breakeven Price in \$/Bushel

Yield in Bushels/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
100	\$3.81	\$4.93	\$5.95
110	\$3.51	\$4.53	\$5.45
120	\$3.26	\$4.19	\$5.04
130	\$3.05	\$3.91	\$4.69
140	\$2.86	\$3.66	\$4.39
150	\$2.71	\$3.45	\$4.13
160	\$2.57	\$3.27	\$3.91
170	\$2.45	\$3.11	\$3.71
180	\$2.34	\$2.96	\$3.53
190	\$2.24	\$2.83	\$3.37
200	\$2.16	\$2.72	\$3.22
210	\$2.08	\$2.61	\$3.10
220	\$2.00	\$2.51	\$2.98

**University of Missouri Extension Southeast Missouri Crop Budget
2007 Rice Budget - Clearfield CL 131**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	85	Pounds	0.47	39.95	
Nitrogen	150	Pounds	0.32	48.00	
Phosphate	30	Pounds	0.26	7.80	
Potash	40	Pounds	0.20	8.00	
Limestone	0	Tons	21.00	-	
Zinc	3	Pounds	1.75	5.25	
Sulfur	0	Pounds	0.00	-	
Fungicide	12.3	Ounces	2.00	24.60	
Post-Emerge - New Path	8	Ounces	4.00	32.00	
Post-Emerge	1	Acre	10.00	10.00	
Insecticide	1	Acre	5.50	5.50	
Drying (Custom/Bushel)*	150	Bushels	0.35	52.50	
Hauling & Transportation*	150	Bushels	0.15	22.50	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel and Repairs	1	Acre	38.00	38.00	
Irrigation Fuel (Acre Inches)	1	Acre	50.00	50.00	
Irrigation Repairs	1	Acre	6.00	6.00	
Labor	1	Acre	20.00	20.00	
Irrigation Labor	1	Acre	5.00	5.00	
Custom Hire	4	Acre	4.50	18.00	
Subtotal		Acre		\$ 403.10	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	16.12	
Total Variable		Acre		\$ 419.22	
Fixed Machinery Cost	1	Acre	58.00	58.00	
Fixed Irrigation Cost	1	Acre	54.00	54.00	
Total (Excluding Land)		Acre		\$ 531.22	
Land Real Estate Taxes	1	Acre	0.30%	7.11	
Land Interest	2370	Acre	4.00%	94.80	
Total Cost		Acre		\$ 633.13	

* Drying & Transportation Costs Change With Yields

Breakeven Price in \$/Bushel

Yield in Bushels/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
100	\$3.94	\$5.06	\$6.08
110	\$3.63	\$4.65	\$5.57
120	\$3.37	\$4.30	\$5.15
130	\$3.15	\$4.01	\$4.79
140	\$2.96	\$3.76	\$4.49
150	\$2.79	\$3.54	\$4.22
160	\$2.65	\$3.35	\$3.99
170	\$2.52	\$3.18	\$3.78
180	\$2.41	\$3.03	\$3.60
190	\$2.31	\$2.90	\$3.44
200	\$2.22	\$2.78	\$3.29
210	\$2.14	\$2.67	\$3.16
220	\$2.06	\$2.57	\$3.04

**University of Missouri Extension Southeast Missouri Crop Budget
2007 Hybrid Rice Budget**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	30	Pounds	2.54	76.20	
Nitrogen	125	Pounds	0.32	40.00	
Phosphate	30	Pounds	0.26	7.80	
Potash	40	Pounds	0.20	8.00	
Limestone	0	Tons	21.00	-	
Zinc	3	Pounds	1.75	5.25	
Sulfur	0	Pounds	0.00	-	
Fungicide	0	Ounces	2.00	-	
Pre-Emerge	1	Acre	12.00	12.00	
Post-Emerge	1	Acre	40.00	40.00	
Insecticide	1	Acre	5.50	5.50	
Drying (Custom/Bushel)*	180	Bushels	0.35	63.00	
Hauling & Transportation*	180	Bushels	0.15	27.00	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel and Repairs	1	Acre	38.00	38.00	
Irrigation Fuel (Acre Inches)	1	Acre	50.00	50.00	
Irrigation Repairs	1	Acre	6.00	6.00	
Labor	1	Acre	20.00	20.00	
Irrigation Labor	1	Acre	5.00	5.00	
Custom Hire	1	Acre	4.50	4.50	
Subtotal		Acre		\$ 418.25	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	16.73	
Total Variable		Acre		\$ 434.98	
Fixed Machinery Cost	1	Acre	58.00	58.00	
Fixed Irrigation Cost	1	Acre	54.00	54.00	
Total (Excluding Land)		Acre		\$ 546.98	
Land Real Estate Taxes	1	Acre	0.30%	7.11	
Land Interest	2370	Acre	4.00%	94.80	
Total Cost		Acre		\$ 648.89	

* Drying & Transportation Costs Change With Yields

Breakeven Price in \$/Bushel

Yield in Bushels/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
100	\$3.95	\$5.07	\$6.09
110	\$3.64	\$4.65	\$5.58
120	\$3.37	\$4.31	\$5.16
130	\$3.15	\$4.02	\$4.80
140	\$2.96	\$3.76	\$4.49
150	\$2.80	\$3.55	\$4.23
160	\$2.66	\$3.36	\$3.99
170	\$2.53	\$3.19	\$3.79
180	\$2.42	\$3.04	\$3.60
190	\$2.32	\$2.91	\$3.44
200	\$2.22	\$2.78	\$3.29
210	\$2.14	\$2.68	\$3.16
220	\$2.07	\$2.58	\$3.04

**University of Missouri Extension Southeast Missouri Crop Budget
2007 Hybrid Rice Budget - Clearfield**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed - Includes \$4 Tech Fee	30	Pounds	3.00	94.00	
Nitrogen	125	Pounds	0.32	40.00	
Phosphate	30	Pounds	0.26	7.80	
Potash	40	Pounds	0.20	8.00	
Limestone	0	Tons	21.00	-	
Zinc	3	Pounds	1.75	5.25	
Sulfur	0	Pounds	0.00	-	
Fungicide	0	Ounces	2.00	-	
Post-Emerge - New Path	8	Ounces	4.00	32.00	
Post-Emerge	1	Acre	10.00	10.00	
Insecticide	1	Acre	5.50	5.50	
Drying (Custom/Bushel)*	180	Bushels	0.35	63.00	
Hauling & Transportation*	180	Bushels	0.15	27.00	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel and Repairs	1	Acre	38.00	38.00	
Irrigation Fuel (Acre Inches)	1	Acre	50.00	50.00	
Irrigation Repairs	1	Acre	6.00	6.00	
Labor	1	Acre	20.00	20.00	
Irrigation Labor	1	Acre	5.00	5.00	
Custom Hire	3	Acre	4.50	13.50	
Subtotal		Acre		\$ 435.05	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	17.40	
Total Variable		Acre		\$ 452.45	
Fixed Machinery Cost	1	Acre	58.00	58.00	
Fixed Irrigation Cost	1	Acre	54.00	54.00	
Total (Excluding Land)		Acre		\$ 564.45	
Land Real Estate Taxes	1	Acre	0.30%	7.11	
Land Interest	2370	Acre	4.00%	94.80	
Total Cost		Acre		\$ 666.36	

* Drying & Transportation Costs Change With Yields

Breakeven Price in \$/Bushel

Yield in Bushels/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
100	\$4.12	\$5.24	\$6.26
110	\$3.80	\$4.81	\$5.74
120	\$3.52	\$4.45	\$5.30
130	\$3.29	\$4.15	\$4.93
140	\$3.09	\$3.89	\$4.62
150	\$2.92	\$3.66	\$4.34
160	\$2.77	\$3.47	\$4.10
170	\$2.63	\$3.29	\$3.89
180	\$2.51	\$3.14	\$3.70
190	\$2.41	\$3.00	\$3.53
200	\$2.31	\$2.87	\$3.38
210	\$2.23	\$2.76	\$3.24
220	\$2.15	\$2.66	\$3.12

University of Missouri Extension Southeast Missouri Crop Budget
2007 No-Till Double Crop Roundup Ready Soybean

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.1	Bags	33.00	36.30	
Nitrogen	0	Pounds	0.32	-	
Phosphate	40	Pounds	0.26	10.40	
Potash	60	Pounds	0.20	12.00	
Limestone	0.25	Tons	21.00	5.25	
Fungicide - Diseases	1	Acres	12.00	12.00	
Sulfur	0	Pounds	0.00	-	
Burn Down Herbicides	1	Quart	5.00	5.00	
Pre-Emerge	0	Acre	0.00	-	
Post-Emerge	2	Acre	5.00	10.00	
Insecticide	1	Acre	6.00	6.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel and Repairs	1	Acre	14.00	14.00	
Hauling & Transportation*	35	Bushels	0.15	5.25	
Irrigation Fuel (Acre Inches)	0	Acre	2.40	-	
Irrigation Repairs	0	Acre	6.00	-	
Labor	1	Acre	8.00	8.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Hire	1	Acre	4.50	4.50	
Subtotal		Acre		\$ 133.70	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	5.35	
Total Variable		Acre		\$ 139.05	
Fixed Machinery Cost	1	Acre	21.00	21.00	
Fixed Irrigation Cost	0	Acre	54.00	-	
Total (Excluding Land)		Acre		\$ 160.05	
Land Real Estate Taxes	1	Acre	0.30%	3.56	
Land Interest	1185	Acre	4.00%	47.40	
Total Cost		Acre		\$ 211.00	

* Drying & Transportation Costs Change With Yields

Breakeven Price in \$/Bushel

Yield in Bushels/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
20	\$6.84	\$7.89	\$10.44
25	\$5.50	\$6.34	\$8.38
30	\$4.61	\$5.31	\$7.01
35	\$3.97	\$4.57	\$6.03
40	\$3.49	\$4.02	\$5.29
45	\$3.12	\$3.59	\$4.72
50	\$2.83	\$3.25	\$4.27
55	\$2.58	\$2.96	\$3.89
60	\$2.38	\$2.73	\$3.58
65	\$2.21	\$2.53	\$3.32
70	\$2.06	\$2.36	\$3.09
75	\$1.93	\$2.21	\$2.89
80	\$1.82	\$2.08	\$2.72

**University of Missouri Extension Southeast Missouri Crop Budget
2007 Center Pivot Irr. No-Till D. C. Roundup Ready Soybean**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.1	Bags	33.00	36.30	
Nitrogen	0	Pounds	0.32	-	
Phosphate	40	Pounds	0.26	10.40	
Potash	60	Pounds	0.20	12.00	
Limestone	0.25	Tons	21.00	5.25	
Fungicide - Diseases	1	Acres	12.00	12.00	
Sulfur	0	Pounds	0.00	-	
Burn Down Herbicides	1	Quart	5.00	5.00	
Pre-Emerge	0	Acre	0.00	-	
Post-Emerge	2	Acre	5.00	10.00	
Insecticide	1	Acre	6.00	6.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel and Repairs	1	Acre	14.00	14.00	
Hauling & Transportation*	45	Bushels	0.15	6.75	
Irrigation Fuel (Acre Inches)	8	Acre	2.40	19.20	
Irrigation Repairs	1	Acre	6.00	6.00	
Labor	1	Acre	8.00	8.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Hire	1	Acre	4.50	4.50	
Subtotal		Acre		\$ 163.40	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	6.54	
Total Variable		Acre		\$ 169.94	
Fixed Machinery Cost	1	Acre	21.00	21.00	
Fixed Irrigation Cost	1	Acre	54.00	54.00	
Total (Excluding Land)		Acre		\$ 244.94	
Land Real Estate Taxes	1	Acre	0.30%	3.56	
Land Interest	1185	Acre	4.00%	47.40	
Total Cost		Acre		\$ 295.89	

* Drying Costs Change With Yields

* Drying & Transportation Costs Change With Yields

Breakeven Price in \$/Bushel

Yield in Bushels/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
30	\$5.59	\$8.09	\$9.79
35	\$4.81	\$6.96	\$8.41
40	\$4.23	\$6.10	\$7.38
45	\$3.78	\$5.44	\$6.58
50	\$3.41	\$4.91	\$5.93
55	\$3.12	\$4.48	\$5.41
60	\$2.87	\$4.12	\$4.97
65	\$2.66	\$3.81	\$4.60
70	\$2.48	\$3.55	\$4.28
75	\$2.33	\$3.33	\$4.01
80	\$2.19	\$3.13	\$3.76
85	\$2.07	\$2.95	\$3.55
90	\$1.96	\$2.80	\$3.36

University of Missouri Extension Southeast Missouri Crop Budget 2007 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	67.00	10.72	
Nitrogen	100	Pounds	0.32	32.00	
Phosphate	40	Pounds	0.26	10.40	
Potash	60	Pounds	0.20	12.00	
Limestone	0.25	Tons	21.00	5.25	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Burn Down Herbicides	1	Quart	5.00	5.00	
Pre-Emerge	1	Acre	18.00	18.00	
Post-Emerge	1	Acre	2.00	2.00	
Insecticide	1	Acre	12.00	12.00	
Drying Fuel & Electricity*	70	Bushels	0.12	8.40	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel and Repairs	1	Acre	22.00	22.00	
Hauling & Transportation*	70	Bushels	0.15	10.50	
Irrigation Fuel (Acre Inches)	0	Acre	2.40	-	
Irrigation Repairs	0	Acre	6.00	-	
Labor	1	Acre	11.00	11.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Hire	3	Acre	4.50	13.50	
Subtotal		Acre		\$ 177.77	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	7.11	
Total Variable		Acre		\$ 184.88	
Fixed Machinery Cost	1	Acre	30.00	30.00	
Fixed Irrigation Cost	0	Acre	54.00	-	
Total (Excluding Land)		Acre		\$ 214.88	
Land Real Estate Taxes	1	Acre	0.30%	3.56	
Land Interest	1185	Acre	4.00%	47.40	
Total Cost		Acre		\$ 265.84	

* Drying & Transportation Costs Change With Yields

Breakeven Price in \$/Bushel

Yield in Bushels/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
50	\$3.59	\$4.19	\$5.21
60	\$3.04	\$3.54	\$4.39
70	\$2.64	\$3.07	\$3.80
80	\$2.34	\$2.72	\$3.36
90	\$2.11	\$2.45	\$3.01
100	\$1.93	\$2.23	\$2.74
110	\$1.78	\$2.05	\$2.51
120	\$1.65	\$1.90	\$2.33
130	\$1.55	\$1.78	\$2.17
140	\$1.46	\$1.67	\$2.03
150	\$1.38	\$1.58	\$1.92
160	\$1.31	\$1.49	\$1.81
170	\$1.25	\$1.42	\$1.72

University of Missouri Extension Southeast Missouri Crop Budget
2007 Center Pivot Irr. No-Till D. C. Grain Sorghum Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.2	Bags	67.00	13.40	
Nitrogen	130	Pounds	0.32	41.60	
Phosphate	40	Pounds	0.26	10.40	
Potash	60	Pounds	0.20	12.00	
Limestone	0.25	Tons	21.00	5.25	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Burn Down Herbicides	1	Quart	5.00	5.00	
Pre-Emerge	1	Acre	18.00	18.00	
Post-Emerge	1	Acre	2.00	2.00	
Insecticide	1	Acre	12.00	12.00	
Drying Fuel & Electricity*	110	Bushels	0.12	13.20	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel and Repairs	1	Acre	22.00	22.00	
Hauling & Transportation*	110	Bushels	0.15	16.50	
Irrigation Fuel (Acre Inches)	8	Acre	2.40	19.20	
Irrigation Repairs	1	Acre	6.00	6.00	
Labor	1	Acre	11.00	11.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Hire	3	Acre	4.50	13.50	
Subtotal		Acre		\$ 229.05	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	9.16	
Total Variable		Acre		\$ 238.21	
Fixed Machinery Cost	1	Acre	30.00	30.00	
Fixed Irrigation Cost	1	Acre	54.00	54.00	
Total (Excluding Land)		Acre		\$ 322.21	
Land Real Estate Taxes	1	Acre	0.30%	3.56	
Land Interest	1185	Acre	4.00%	47.40	
Total Cost		Acre		\$ 373.17	

* Drying & Transportation Costs Change With Yields

Breakeven Price in \$/Bushel

Yield in Bushels/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
50	\$4.44	\$6.12	\$7.14
60	\$3.75	\$5.15	\$5.99
70	\$3.25	\$4.45	\$5.18
80	\$2.88	\$3.93	\$4.56
90	\$2.59	\$3.52	\$4.09
100	\$2.36	\$3.20	\$3.70
110	\$2.17	\$2.93	\$3.39
120	\$2.01	\$2.71	\$3.13
130	\$1.87	\$2.52	\$2.91
140	\$1.76	\$2.36	\$2.72
150	\$1.66	\$2.22	\$2.56
160	\$1.57	\$2.10	\$2.42
170	\$1.50	\$1.99	\$2.29

**University of Missouri Extension Southeast Missouri Crop Budget
2007 Double Crop Southern Pea Budget**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	20	Pounds	0.65	13.00	
Nitrogen	0	Pounds	0.32	-	
Phosphate	40	Pounds	0.26	10.40	
Potash	60	Pounds	0.20	12.00	
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	14.00	14.00	
Desiccation	1	Acre	2.50	2.50	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Hauling & Transportation*	1200	Pounds	0.002	2.40	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel and Repairs	1	Acre	22.00	22.00	
Irrigation Fuel (Acre Inches)	0	Acre	2.20	-	
Irrigation Repairs	0	Acre	6.00	-	
Labor	1	Acre	12.00	12.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Hire	0	Acre	4.50	-	
Subtotal		Acre		\$ 116.55	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	4.66	
Total Variable		Acre		\$ 121.21	
Fixed Machinery Cost	1	Acre	33.00	33.00	
Fixed Irrigation Cost	0	Acre	54.00	-	
Total (Excluding Land)		Acre		\$ 154.21	
Land Real Estate Taxes	1	Acre	0.30%	3.56	
Land Interest	1185	Acre	4.00%	47.40	
Total Cost		Acre		\$ 205.17	

* Drying & Transportation Costs Change With Yields

Breakeven Price in \$/Pound

Yield in Bushels/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
600	\$0.200	\$0.255	\$0.340
700	\$0.172	\$0.219	\$0.292
800	\$0.151	\$0.192	\$0.255
900	\$0.134	\$0.171	\$0.227
1000	\$0.121	\$0.154	\$0.205
1100	\$0.110	\$0.140	\$0.186
1200	\$0.101	\$0.129	\$0.171
1300	\$0.093	\$0.119	\$0.158
1400	\$0.087	\$0.110	\$0.147
1500	\$0.081	\$0.103	\$0.137
1600	\$0.076	\$0.097	\$0.129
1700	\$0.072	\$0.091	\$0.121
1800	\$0.068	\$0.086	\$0.115

University of Missouri Extension Southeast Missouri Crop Budget
2007 Center Pivot Irrigated D. C. Southern Pea Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	20	Pounds	0.65	13.00	
Nitrogen	0	Pounds	0.32	-	
Phosphate	40	Pounds	0.26	10.40	
Potash	60	Pounds	0.20	12.00	
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	14.00	14.00	
Desiccation	1	Acre	2.50	2.50	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Hauling & Transportation*	1600	Pounds	0.002	3.20	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel and Repairs	1	Acre	22.00	22.00	
Irrigation Fuel (Acre Inches)	8	Acre	2.20	17.60	
Irrigation Repairs	1	Acre	6.00	6.00	
Labor	1	Acre	12.00	12.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Hire	0	Acre	4.50	-	
Subtotal		Acre		\$ 143.95	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	5.76	
Total Variable		Acre		\$ 149.71	
Fixed Machinery Cost	1	Acre	33.00	33.00	
Fixed Irrigation Cost	1	Acre	54.00	54.00	
Total (Excluding Land)		Acre		\$ 236.71	
Land Real Estate Taxes	1	Acre	0.50%	5.93	
Land Interest	1185	Acre	4.00%	47.40	
Total Cost		Acre		\$ 290.03	

* Drying & Transportation Costs Change With Yields

Breakeven Price in \$/Pound

Yield in Bushels/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
1000	\$0.149	\$0.236	\$0.289
1100	\$0.135	\$0.214	\$0.263
1200	\$0.124	\$0.197	\$0.241
1300	\$0.115	\$0.182	\$0.223
1400	\$0.107	\$0.169	\$0.207
1500	\$0.100	\$0.158	\$0.193
1600	\$0.094	\$0.148	\$0.181
1700	\$0.088	\$0.139	\$0.171
1800	\$0.083	\$0.132	\$0.161
1900	\$0.079	\$0.125	\$0.153
2000	\$0.075	\$0.119	\$0.145
2100	\$0.072	\$0.113	\$0.139
2200	\$0.069	\$0.108	\$0.132

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
\$3.25	180
▲	▲
▼	▼

Select Price and Yield
 For both crops

Crop 2 - Select Crop Below

Irr. Roundup Ready

Irrigated Roundup Ready Bt Corn
 Roundup Ready Soybeans
 Irr. Roundup Ready Soybeans

No Till Roundup Ready Soybeans
 Irrigated No Till Roundup Ready Soy
 No Till Grain Sorghum

Soybeans

Price	Yield
\$6.00	50
▲	▲
▼	▼

Price	Yield
\$0.00	0
▲	▲
▼	▼

	Variable Costs	Total Cost
Crop 1 - Select Crop Below		
Irrigated Corn	\$ 322.92	\$ 517.83
Crop 2 - Select Crop Below		
Irr. Roundup Ready Soybeans	\$ 178.98	\$ 361.89

Irrigated Corn versus Irr. Roundup Ready Soybeans						
Equal returns Based on Variable Production Costs						
Irr Corn yields with the same net income as				Soybeans		
		Corn	Prices			
		\$3.15	\$3.25	\$3.35	\$3.45	\$3.55
Soybeans Yields		Corn Yields				
40	127	123	119	115	112	109
45	137	132	128	124	121	117
50	146	142	137	133	129	126
55	156	151	147	142	138	134
60	166	161	156	151	147	143

Irrigated Corn versus Irr. Roundup Ready Soybeans						
Equal returns Based on Variable Production Costs						
Irr RR Soybeans yields with the same net income as				Corn		
		Soybeans	Prices			
		\$5.50	\$5.75	\$6.00	\$6.25	\$6.50
Corn Yields		Soybeans Yields				
160	68	65	63	60	58	56
170	74	71	68	65	63	61
180	80	77	74	71	68	65
190	86	82	79	76	73	70
200	92	88	84	81	78	75

University of Missouri Extension Southeast Missouri Crop Budgets
SEMO Crop Budgets 2007

The crop budgets are designed to provide planning data for farmers, research and extension staffs, lending agencies, and others in agriculture.

You may print off the budgets and distribute them.

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

Procedure to develop your own crop budgets

Begin by going to the **Crop worksheets** and develop a budget for each crop grown on your farm.

In the **Crop worksheets**, enter the costs including the number of units and unit cost.

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 its 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 return based on variable costs.

David Reinbott
Agriculture Business Specialist
Scott County University of Missouri Extension Service
P.O. Box 187
Benton, MO 63736
(573)545-3516
reinbottd@missouri.edu
<http://outreach.missouri.edu/seregion/fmmkt.htm>