

**PEANUTS
2008
PLANNING BUDGETS**

**Mississippi State University
Department of Agricultural Economics
Budget Report 2007-09**

December 2007

Foreword

This report is designed to provide necessary planning data to farmers, research and extension staffs, lending agencies, and others in agriculture. Readers are cautioned that returns presented are labeled "**Returns Above Specified Expenses.**" Estimated costs for land, management, and general farm overhead are not included in this report. The exception is unallocated labor, which is included. "**Returns Above Direct Expenses**" should be used in making 2008 planning decisions. This would be a one-year short-run decision. Decisions beyond one year, or long-run decisions, should be based on "**Returns Above Specified Expenses.**"

Acknowledgments

A list of individuals who contributed to the development of the agricultural enterprise budgets follows this acknowledgment. The administrative committee structure and enterprise committees have shown a spirit of cooperation seldom found when so many work together. A team effort has led to many improvements in the budgets over the years.

Special appreciation is expressed to producers who provided information on crop practices used. Appreciation also is expressed to farm supply dealers, equipment dealers, custom operators, and chemical companies who provided prices for crop production inputs. The Mississippi Agricultural Statistics Service is commended for its excellence in collecting price and production practice data.

Acknowledgment is made to the Mississippi State University Extension Service, the Mississippi Agricultural and Forestry Experiment Station, and the United States Agricultural Research Service staffs for the excellent cooperation that made this report possible.

The mention in this report of any commercial product does not imply its endorsement by MSU-ES, MAFES, or USDA over other products not named nor does the omission imply they are not satisfactory.

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2008 Planning Budgets

Budgets for Agricultural Enterprises

This publication provides economic and technical information in the form of enterprise budgets for a major crop produced by Mississippi farmers. A multidisciplinary approach involving researchers and extension personnel was used to determine production practices and input quantities, and to estimate costs and returns for each enterprise (14). The purpose of this section is to present the methods and procedures used to calculate costs and returns for each budget included in this publication.

Enterprise budgets represent a type of information that can be used by a wide variety of individuals in making decisions in the food and fiber industry. They are used:

- by farmers for planning,
- by extension personnel in providing educational programs to farmers,
- by lenders as a basis for credit,
- to provide basic data for research, and
- to inform non-farmers of the costs incurred by farmers in the production of food and fiber crops.

A budget should be prepared with a specific objective in mind. The budgets in this report were prepared to provide general information for several different uses. They provide information concerning general levels of costs and returns which will need to be adjusted for specific situations. Most users should think of these budgets as a first approximation and then make appropriate adjustments using the "Your Farm" column provided on each budget to add, delete, or change costs or incomes to reflect their specific situations.

Methods and Procedures

Production Practices

The production practices listed in each budget are the result of a combined effort by researchers and extension personnel to represent those practices that producers could use in a specific production system. Producers might use different practices in their own operations. If different types and quantities of operating inputs are to be used, then the budgeted expenses should be changed to more accurately reflect actual input usage.

Committees made up of appropriate disciplines from the Mississippi Agricultural and Forestry Experiment Station, the Mississippi State University Extension Service, and the U.S. Department of Agriculture review and update the practices in the budgets every year. The updates are based on the collective judgment of the committee members. Quantities of materials and individual production practices budgeted are based on generally accepted recommendations by committee members.

Machinery

Machinery manufacturers form the basis for machinery prices used in these publications. Prices by size of equipment are determined from the most common sales in each category as reported by machinery dealers. Prices used in the budgets reflect prices paid by farmers in 2007. (Appendix Tables 1, 2, and 3).

A performance rate reflects the time required to perform a given task or operation and is expressed as that part of an hour per acre. Previous studies and expert knowledge of the equipment committee members are used to estimate performance rates for new and larger equipment (1, 4, 5, 6, 7, 9, and 13).

The hours of annual use have been modified based on information collected from the cited studies (3, 4, 6, and 7).

Repairs and maintenance as a percentage of new cost are estimated for the life of the equipment and include oil and lubricants (1, 4, and 6).

Estimates of Direct Costs

Direct costs include estimated costs of repairs and maintenance (R&M) for all machinery and include fuel costs for powered machinery (Appendix Tables 1, 2, and 3). Direct costs are estimated on an hourly basis and are then converted to a per-acre basis using the performance rate for the particular operation. R&M costs for towed equipment and powered equipment are estimated as follows:

$$RPH = \frac{RLC \times RP}{THL}$$

$$RPA = RPH \times PR$$

where:

RPH = R&M cost per hour of use
 RLC = Replacement cost of machine
 RP = R&M percentage (percent of RLC)
 THL = Total hours of machine life
 RPA = R&M cost per acre
 PR = Performance rate

Direct costs include an estimate of fuel cost based on average fuel consumption per hour of use for the power unit. Other components of direct costs include quantities of materials used in production multiplied by the price per unit of these inputs, custom rates, hourly wage rates, and interest charges on operating capital (Appendix Tables 4, 5, and 6).

The labor wage rate per hour includes social security, accident and unemployment insurance, and some perquisites (11). Labor costs are estimated for four labor categories: operator labor, hand labor, irrigation labor, and unallocated labor. Operator labor and hand labor represent estimates of labor required to

perform the in-field tasks. Operator labor is that labor required to operate all power-driven equipment. Irrigation labor is used to perform tasks associated with an irrigation system. Unallocated labor is an estimate of labor that is not used directly in producing the enterprise. Its cost is estimated as a percentage of operator labor (11). The percentages used for the various crop enterprises are listed in Appendix Table 6.

Interest on operating capital is determined by using a short-term interest rate obtained from agricultural lenders and making a charge against capital outflows as the production process takes place. Interest is accumulated until the crop is harvested.

Estimates of Fixed Costs

Annual fixed cost estimates for machinery are based on a budgeting technique which computes the annual capital recovery charge (2, p. 143). When a combination of machines or equipment is required to perform a single operation, the total cost per acre for all equipment used in the operation is estimated. The fixed cost of machinery ownership is calculated by first computing the capital recovery factor and then using it to estimate the annual capital recovery charge.

$$CRF = \frac{IIR}{1 - (1 + IIR)^{-TYL}}$$

where:

CRF = Capital recovery factor
 IIR = Intermediate-term interest rate
 TYL = Total years of life

$$CRCPY = [(RLC - SV) \times CRF] + (SV \times IIR)$$

where:

CRCPY = Capital recovery charge per year
 RLC = Replacement cost
 SV = Salvage value (at end of useful life)

This value is then converted to its per-hour and per-acre equivalent values:

$$\text{CRCPH} = \frac{\text{CRCPY}}{\text{HAU}}$$

$$\text{CRCPA} = \text{CRCPH} \times \text{PR}$$

where:

CRCPH = Capital recovery charge per hour

HAU = Hours of annual use

CRCPA = Capital recovery charge per acre

PR = Performance rate

Estimates of Returns

It is difficult to estimate peanut yields that may be expected in a given year. Budget yields are tempered with unpublished research and judgments of the commodity committee. Producers should use yield estimates that are reflective of their own operation.

To estimate returns, a price for the commodity must be used. Individual producers must determine their own expected price for the commodity. The price used in the budgets is the higher of the loan rate or the best estimate of a contract price for the following growing season. Industry peanut buyers are polled to estimate a contract price.

A special table is presented to illustrate the effects of alternative levels of yields and prices on net returns. The budgeted yield and the budgeted price are used as base values (100 percent). Yields are then varied from 50 to 150 percent of the base yield while prices are varied from 75 to 125 percent of the base price. Net returns are computed for each combination of yield and price.

Enterprise Budgets

Table 1.A Estimated costs per acre
 Peanut - runner, 1.8 ton (3600 lb) yield, 8 row-38 inch
 All Areas, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FUNGICIDES					
Phorate	lb	2.28	5.0000	11.40	_____
Abound	pt	31.49	3.5000	110.21	_____
Tilt 3.6 EC	oz	2.62	10.0000	26.20	_____
Bravo Weather Stick	pt	5.57	5.0000	27.85	_____
HERBICIDES					
Glyphosate Plus 4L	pt	2.35	4.0000	9.40	_____
Dual II Magnum	pt	13.43	1.0000	13.43	_____
Storm	pt	9.50	3.0000	28.50	_____
Cadre DG Eco-Pak	oz	13.75	2.8800	39.60	_____
Butoxone 200(2,4-DB)	pt	4.05	2.0000	8.10	_____
Poast Plus	pt	6.37	1.5000	9.56	_____
INSECTICIDES					
Karate Z	oz	3.10	1.5000	4.65	_____
SEED/PLANTS					
Peanut Seed	lb	0.57	100.0000	57.00	_____
ADJUVANTS					
Crop Oil Conc.(Veg.)	pt	2.46	6.0000	14.76	_____
HAULING					
Haul Peanuts	ton	14.50	1.8000	26.10	_____
CLEANING					
Cleaning Peanuts	ton	18.00	1.5300	27.54	_____
DRYING					
Dry Peanuts	ton	24.00	1.0800	25.92	_____
INOCULANT					
Innoculant (Liquid)	pt	10.34	1.0000	10.34	_____
OPERATOR LABOR					
Tractors	hour	10.21	1.6246	16.59	_____
Self-Propelled	hour	10.21	0.2203	2.25	_____
HAND LABOR					
Implements	hour	7.31	0.1207	0.88	_____
Self-Propelled	hour	7.31	0.1101	0.75	_____
UNALLOCATED LABOR	hour	10.17	1.4760	15.02	_____
DIESEL FUEL					
Tractors	gal	2.33	17.5722	40.94	_____
Self-Propelled	gal	2.33	1.2477	2.88	_____
REPAIR & MAINTENANCE					
Implements	acre	7.80	1.0000	7.80	_____
Tractors	acre	6.69	1.0000	6.69	_____
Self-Propelled	acre	0.88	1.0000	0.88	_____
INTEREST ON OP. CAP.	acre	11.79	1.0000	11.79	_____
TOTAL DIRECT EXPENSES				557.05	_____
FIXED EXPENSES					
Implements	acre	36.51	1.0000	36.51	_____
Tractors	acre	51.79	1.0000	51.79	_____
Self-Propelled	acre	7.37	1.0000	7.37	_____
TOTAL FIXED EXPENSES				95.67	_____
TOTAL SPECIFIED EXPENSES				652.72	_____

Note: Cost of production estimates are based on 2007 input prices.

Fertilization decisions should be based on soil tests.

60% of all peanuts harvested need drying.

85% of all peanuts harvested need cleaning.

Table 1.B Summary of estimated costs and returns per acre
 Peanut - runner, 1.8 ton (3600 lb) yield, 8 row-38 inch
 All Areas, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Peanut Runner	ton	475.00	1.8000	855.00	_____

TOTAL INCOME				855.00	_____
DIRECT EXPENSES					
FUNGICIDES	acre	175.68	1.0000	175.68	_____
HERBICIDES	acre	108.59	1.0000	108.59	_____
INSECTICIDES	acre	4.65	1.0000	4.65	_____
SEED/PLANTS	acre	57.00	1.0000	57.00	_____
ADJUVANTS	acre	14.76	1.0000	14.76	_____
HAULING	acre	26.10	1.0000	26.10	_____
CLEANING	acre	27.54	1.0000	27.54	_____
DRYING	acre	25.92	1.0000	25.92	_____
INOCULANT	acre	10.34	1.0000	10.34	_____
HAND LABOR	hour	7.31	0.2309	1.63	_____
OPERATOR LABOR	hour	10.21	1.8450	18.84	_____
UNALLOCATED LABOR	hour	10.17	1.4760	15.02	_____
DIESEL FUEL	gal	2.33	18.8200	43.82	_____
REPAIR & MAINTENANCE	acre	15.37	1.0000	15.37	_____
INTEREST ON OP. CAP.	acre	11.79	1.0000	11.79	_____

TOTAL DIRECT EXPENSES				557.05	_____
RETURNS ABOVE DIRECT EXPENSES				297.95	_____
TOTAL FIXED EXPENSES				95.67	_____

TOTAL SPECIFIED EXPENSES				652.72	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				202.28	_____

Note: Cost of production estimates are based on 2007 input prices..

Fertilization decisions should be based on soil tests.

60% of all peanuts harvested need drying.

85% of all peanuts harvested need cleaning.

Table 1.C Estimated resource use for field operations, per acre
 Peanut - runner, 1.8 ton (3600 lb) yield, 8 row-38 inch
 All Areas, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	INPUT AMOUNT	IMPLEMENT	POWER UNIT	ALLOC LABOR	UNALL LABOR
-----hours-----										
Sprayer(300-450Gal)	60'		0.017	1.00	Apr			0.01	0.02	0.01
Glyphosate Plus 4L	pt					4.0000				
Rip/Bed/Till Fold	8R-38	MFWD 190	0.073	1.00	May		0.07	0.07	0.07	0.05
Peanut Plt&Pre Rigid	8R-38	MFWD 190	0.120	1.00	May		0.12	0.12	0.24	0.09
Peanut Seed	lb					100.0000				
Innoculant (Liquid)	pt					1.0000				
Phorate	lb					5.0000				
Abound	pt					0.5000				
Sprayer(300-450Gal)	60'		0.017	1.00	May			0.01	0.02	0.01
Dual II Magnum	pt					1.0000				
Sprayer(300-450Gal)	60'		0.017	1.00	May			0.01	0.02	0.01
Tilt 3.6 EC	oz					2.0000				
Bravo Weather Stick	pt					1.0000				
Sprayer(300-450Gal)	60'		0.017	1.00	Jun			0.01	0.02	0.01
Tilt 3.6 EC	oz					2.0000				
Bravo Weather Stick	pt					1.0000				
Sprayer(300-450Gal)	60'		0.017	1.00	Jun			0.01	0.02	0.01
Storm	pt					1.5000				
Cadre DG Eco-Pak	oz					1.4400				
Butoxone 200(2,4-DB)	pt					1.0000				
Crop Oil Conc.(Veg.)	pt					2.0000				
Sprayer(300-450Gal)	60'		0.017	1.00	Jun			0.01	0.02	0.01
Tilt 3.6 EC	oz					2.0000				
Bravo Weather Stick	pt					1.0000				
Sprayer(300-450Gal)	60'		0.017	1.00	Jul			0.01	0.02	0.01
Abound	pt					1.5000				
Sprayer(300-450Gal)	60'		0.017	1.00	Jul			0.01	0.02	0.01
Storm	pt					1.5000				
Cadre DG Eco-Pak	oz					1.4400				
Butoxone 200(2,4-DB)	pt					1.0000				
Crop Oil Conc.(Veg.)	pt					2.0000				
Sprayer(300-450Gal)	60'		0.017	1.00	Jul			0.01	0.02	0.01
Poast Plus	pt					1.5000				
Crop Oil Conc.(Veg.)	pt					2.0000				
Sprayer(300-450Gal)	60'		0.017	1.00	Jul			0.01	0.02	0.01
Tilt 3.6 EC	oz					2.0000				
Bravo Weather Stick	pt					1.0000				
Sprayer(300-450Gal)	60'		0.017	0.50	Aug			0.00	0.01	0.00
Karate Z	oz					1.5000				
Sprayer(300-450Gal)	60'		0.017	1.00	Aug			0.01	0.02	0.01
Abound	pt					1.5000				
Sprayer(300-450Gal)	60'		0.017	1.00	Aug			0.01	0.02	0.01
Tilt 3.6 EC	oz					2.0000				
Bravo Weather Stick	pt					1.0000				
Peanut Dig/Invertor	4R-38	MFWD 190	0.186	1.00	Sep		0.18	0.18	0.18	0.14
Peanut Harvester	4R-38	MFWD 225	0.934	1.00	Sep		0.93	0.93	0.93	0.74
Peanut Dump Cart	6-Row	MFWD 190	0.310	1.00	Sep		0.31	0.31	0.31	0.24
Dry Peanuts	ton			1.00	Sep	1.0800				
Cleaning Peanuts	ton			1.00	Sep	1.5300				
Haul Peanuts	ton			1.00	Sep	1.8000				
TOTALS							1.84	1.62	2.07	1.47

Note: Cost of production estimates are based on 2007 input prices.

Fertilization decisions should be based on soil tests.

60% of all peanuts harvested need drying.

85% of all peanuts harvested need cleaning.

Table 1.D Estimated costs for field operations, per acre
 Peanut - runner, 1.8 ton (3600 lb) yield, 8 row-38 inch
 All Areas, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST	
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL			
-----dollars-----											
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.03	0.71	0.59	1.30
Glyphosate Plus 4L	pt	9.40						0.41	9.81		9.81
Rip/Bed/Till Fold	8R-38		1.67	0.36	1.35			0.12	3.50	2.70	6.20
Peanut Plt&Pre Rigid	8R-38		2.75	1.74	3.10			0.28	7.87	6.60	14.47
Peanut Seed	lb	57.00						2.08	59.08		59.08
Innoculant (Liquid)	pt	10.34						0.38	10.72		10.72
Phorate	lb	11.40						0.42	11.82		11.82
Abound	pt	15.75						0.57	16.32		16.32
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.02	0.70	0.59	1.29
Dual II Magnum	pt	13.43						0.49	13.92		13.92
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.02	0.70	0.59	1.29
Tilt 3.6 EC	oz	5.24						0.19	5.43		5.43
Bravo Weather Stick	pt	5.57						0.20	5.77		5.77
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.02	0.70	0.59	1.29
Tilt 3.6 EC	oz	5.24						0.15	5.39		5.39
Bravo Weather Stick	pt	5.57						0.16	5.73		5.73
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.02	0.70	0.59	1.29
Storm	pt	14.25						0.42	14.67		14.67
Cadre DG Eco-Pak	oz	19.80						0.58	20.38		20.38
Butoxone 200(2,4-DB)	pt	4.05						0.12	4.17		4.17
Crop Oil Conc.(Veg.)	pt	4.92						0.14	5.06		5.06
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.02	0.70	0.59	1.29
Tilt 3.6 EC	oz	5.24						0.15	5.39		5.39
Bravo Weather Stick	pt	5.57						0.16	5.73		5.73
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.01	0.69	0.59	1.28
Abound	pt	47.24						1.03	48.27		48.27
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.01	0.69	0.59	1.28
Storm	pt	14.25						0.31	14.56		14.56
Cadre DG Eco-Pak	oz	19.80						0.43	20.23		20.23
Butoxone 200(2,4-DB)	pt	4.05						0.09	4.14		4.14
Crop Oil Conc.(Veg.)	pt	4.92						0.11	5.03		5.03
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.01	0.69	0.59	1.28
Poast Plus	pt	9.56						0.21	9.77		9.77
Crop Oil Conc.(Veg.)	pt	4.92						0.11	5.03		5.03
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.01	0.69	0.59	1.28
Tilt 3.6 EC	oz	5.24						0.11	5.35		5.35
Bravo Weather Stick	pt	5.57						0.12	5.69		5.69
Sprayer(300-450Gal)	60'		0.12	0.04	0.19			0.01	0.36	0.29	0.65
Karate Z	oz	4.65						0.07	4.72		4.72
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.01	0.69	0.59	1.28
Abound	pt	47.24						0.69	47.93		47.93
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.01	0.69	0.59	1.28
Tilt 3.6 EC	oz	5.24						0.08	5.32		5.32
Bravo Weather Stick	pt	5.57						0.08	5.65		5.65
Peanut Dig/Invertor	4R-38		4.24	1.64	3.42			0.07	9.37	6.84	16.21
Peanut Harvester	4R-38		25.22	9.13	17.17			0.38	51.90	60.58	112.48
Peanut Dump Cart	6-Row		7.06	1.62	5.70			0.10	14.48	11.58	26.06
Dry Peanuts	ton	25.92						0.19	26.11		26.11
Cleaning Peanuts	ton	27.54						0.20	27.74		27.74
Haul Peanuts	ton	26.10						0.19	26.29		26.29
TOTALS		450.58	43.82	15.37	35.49	0.00	11.79	557.05	95.67	652.72	

Note: Cost of production estimates are based on 2007 input prices..

Fertilization decisions should be based on soil tests.

60% of all peanuts harvested need drying.

85% of all peanuts harvested need cleaning.

Table 1.E Estimated monthly income and expense flows per acre
 Peanut - runner, 1.8 ton (3600 lb) yield, 8 row-38 inch
 All Areas, Mississippi, 2008

ITEM	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
-----dollars-----												
TOTAL INCOME	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	855.00
DIRECT EXPENSES												
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.96	21.62	58.05	58.05	0.00
HERBICIDES	0.00	0.00	0.00	0.00	0.00	0.00	9.40	13.43	38.10	47.66	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.65	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.92	9.84	0.00	0.00
HAULING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.10
CLEANING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.54
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.92
INOCULANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.34	0.00	0.00	0.00	0.00
LABOR	0.00	0.00	0.00	0.00	0.00	0.00	0.38	5.21	1.14	1.52	0.95	26.29
LEASE *	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL	0.00	0.00	0.00	0.00	0.00	0.00	0.23	4.88	0.69	0.92	0.58	36.52
REPAIR & MAINTENANCE	0.00	0.00	0.00	0.00	0.00	0.00	0.07	2.24	0.21	0.28	0.18	12.39
INTEREST ON OP. CAP.	0.00	0.00	0.00	0.00	0.00	0.00	0.44	4.77	1.94	2.56	0.95	1.13
TOTAL DIRECT EXPENSES	0.00	0.00	0.00	0.00	0.00	0.00	10.52	135.83	68.62	120.83	65.36	155.89
NET INCOME	0.00	0.00	0.00	0.00	0.00	0.00	-10.52	-135.83	-68.62	-120.83	-65.36	699.11
NET INCOME TO DATE	0.00	0.00	0.00	0.00	0.00	0.00	-10.52	-146.35	-214.97	-335.80	-401.16	297.95

Note: Cost of production estimates are based on 2007 input prices.

Fertilization decisions should be based on soil tests.

60% of all peanuts harvested need drying.

85% of all peanuts harvested need cleaning.

* Lease costs are based on hourly usage costs.

Table 1.F Estimated returns for various price/yield combinations, per acre
 Peanut - runner, 1.8 ton (3600 lb) yield, 8 row-38 inch
 All Areas, Mississippi, 2008

PRODUCT			PERCENT										
			75	80	85	90	95	100	105	110	115	120	125
Peanut Runner			356.25	380.00	403.75	427.50	451.25	475.00	498.75	522.50	546.25	570.00	593.75
PERCENT	YIELD	UNIT	dollars										
50	0.90	ton	-196	-174	-153	-132	-110	-89	-68	-46	-25	-3	17
			-292	-270	-249	-227	-206	-185	-163	-142	-121	-99	-78
60	1.08	ton	-140	-114	-88	-63	-37	-11	13	39	64	90	116
			-235	-210	-184	-158	-133	-107	-82	-56	-30	-5	20
70	1.26	ton	-84	-54	-24	5	35	65	95	125	155	185	215
			-179	-149	-119	-90	-60	-30	-0	29	59	89	119
80	1.44	ton	-28	6	40	74	108	142	177	211	245	279	313
			-123	-89	-55	-21	13	47	81	115	149	184	218
90	1.62	ton	28	66	105	143	181	220	258	297	335	374	412
			-67	-29	9	47	86	124	163	201	240	278	317
100	1.80	ton	84	126	169	212	255	297	340	383	426	468	511
			-11	31	74	116	159	202	245	287	330	373	416
110	1.98	ton	140	187	234	281	328	375	422	469	516	563	610
			44	91	138	185	232	279	326	373	420	467	514
120	2.16	ton	196	247	299	350	401	452	504	555	606	658	709
			100	152	203	254	305	357	408	459	511	562	613
130	2.34	ton	252	308	363	419	474	530	585	641	697	752	808
			156	212	268	323	379	434	490	545	601	657	712
140	2.52	ton	308	368	428	488	548	607	667	727	787	847	907
			212	272	332	392	452	512	572	631	691	751	811
150	2.70	ton	364	428	493	557	621	685	749	813	877	941	1006
			269	333	397	461	525	589	653	717	782	846	910

The top number in each cell is Returns Above Direct Expenses.
 The bottom number in each cell is Returns Above Total Specified Expenses.
 Only the product listed has been varied to calculate net returns.
 Note: Cost of production estimates are based on 2007 input prices.

Table 2.A Estimated costs per acre
 Peanut - runner, 1.8 ton (3600 lb) yield, 8 row-30 inch
 All Areas, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FUNGICIDES					
Phorate	lb	2.28	5.0000	11.40	_____
Abound	pt	31.49	3.5000	110.21	_____
Tilt 3.6 EC	oz	2.62	10.0000	26.20	_____
Bravo Weather Stick	pt	5.57	5.0000	27.85	_____
HERBICIDES					
Glyphosate Plus 4L	pt	2.35	4.0000	9.40	_____
Dual II Magnum	pt	13.43	1.0000	13.43	_____
Storm	pt	9.50	3.0000	28.50	_____
Cadre DG Eco-Pak	oz	13.75	2.8800	39.60	_____
Butoxone 200(2,4-DB)	pt	4.05	2.0000	8.10	_____
Poast Plus	pt	6.37	1.5000	9.56	_____
INSECTICIDES					
Karate Z	oz	3.10	1.5000	4.65	_____
SEED/PLANTS					
Peanut Seed	lb	0.57	100.0000	57.00	_____
ADJUVANTS					
Crop Oil Conc.(Veg.)	pt	2.46	6.0000	14.76	_____
HAULING					
Haul Peanuts	ton	14.50	1.8000	26.10	_____
CLEANING					
Cleaning Peanuts	ton	18.00	1.5300	27.54	_____
DRYING					
Dry Peanuts	ton	24.00	1.0800	25.92	_____
INOCULANT					
Innoculant (Liquid)	pt	10.34	1.0000	10.34	_____
OPERATOR LABOR					
Tractors	hour	10.21	1.7225	17.59	_____
Self-Propelled	hour	10.21	0.2203	2.25	_____
HAND LABOR					
Implements	hour	7.31	0.1527	1.12	_____
Self-Propelled	hour	7.31	0.1101	0.75	_____
UNALLOCATED LABOR	hour	10.17	1.5543	15.82	_____
DIESEL FUEL					
Tractors	gal	2.33	18.5301	43.17	_____
Self-Propelled	gal	2.33	1.2477	2.88	_____
REPAIR & MAINTENANCE					
Implements	acre	8.34	1.0000	8.34	_____
Tractors	acre	7.06	1.0000	7.06	_____
Self-Propelled	acre	0.88	1.0000	0.88	_____
INTEREST ON OP. CAP.	acre	11.98	1.0000	11.98	_____
TOTAL DIRECT EXPENSES				562.42	_____
FIXED EXPENSES					
Implements	acre	38.05	1.0000	38.05	_____
Tractors	acre	54.62	1.0000	54.62	_____
Self-Propelled	acre	7.37	1.0000	7.37	_____
TOTAL FIXED EXPENSES				100.04	_____
TOTAL SPECIFIED EXPENSES				662.46	_____

Note: Cost of production estimates are based on 2007 input prices.

Fertilization decisions should be based on soil tests.

60% of all peanuts harvested need drying.

85% of all peanuts harvested need cleaning.

Table 2.B Summary of estimated costs and returns per acre
 Peanut - runner, 1.8 ton (3600 lb) yield, 8 row-30 inch
 All Areas, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Peanut Runner	ton	475.00	1.8000	855.00	_____

TOTAL INCOME				855.00	_____
DIRECT EXPENSES					
FUNGICIDES	acre	175.68	1.0000	175.68	_____
HERBICIDES	acre	108.59	1.0000	108.59	_____
INSECTICIDES	acre	4.65	1.0000	4.65	_____
SEED/PLANTS	acre	57.00	1.0000	57.00	_____
ADJUVANTS	acre	14.76	1.0000	14.76	_____
HAULING	acre	26.10	1.0000	26.10	_____
CLEANING	acre	27.54	1.0000	27.54	_____
DRYING	acre	25.92	1.0000	25.92	_____
INOCULANT	acre	10.34	1.0000	10.34	_____
HAND LABOR	hour	7.31	0.2629	1.87	_____
OPERATOR LABOR	hour	10.21	1.9429	19.84	_____
UNALLOCATED LABOR	hour	10.17	1.5543	15.82	_____
DIESEL FUEL	gal	2.33	19.7778	46.05	_____
REPAIR & MAINTENANCE	acre	16.28	1.0000	16.28	_____
INTEREST ON OP. CAP.	acre	11.98	1.0000	11.98	_____

TOTAL DIRECT EXPENSES				562.42	_____
RETURNS ABOVE DIRECT EXPENSES				292.58	_____
TOTAL FIXED EXPENSES				100.04	_____

TOTAL SPECIFIED EXPENSES				662.46	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				192.54	_____

Note: Cost of production estimates are based on 2007 input prices.

Fertilization decisions should be based on soil tests.

60% of all peanuts harvested need drying.

85% of all peanuts harvested need cleaning.

Table 2.C Estimated resource use for field operations, per acre
 Peanut - runner, 1.8 ton (3600 lb) yield, 8 row-30 inch
 All Areas, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	INPUT AMOUNT	IMPLEMENT	POWER UNIT	ALLOC LABOR	UNALL LABOR
-----hours-----										
Sprayer(300-450Gal)	60'		0.017	1.00	Apr			0.01	0.02	0.01
Glyphosate Plus 4L	pt					4.0000				
Rip/Bed/Till Rigid	8R-30	MFWD 190	0.139	1.00	May		0.13	0.13	0.13	0.11
Peanut Plt&Pre Rigid	8R-30	MFWD 190	0.152	1.00	May		0.15	0.15	0.30	0.12
Peanut Seed	lb					100.0000				
Innoculant (Liquid)	pt					1.0000				
Phorate	lb					5.0000				
Abound	pt					0.5000				
Sprayer(300-450Gal)	60'		0.017	1.00	May			0.01	0.02	0.01
Dual II Magnum	pt					1.0000				
Sprayer(300-450Gal)	60'		0.017	1.00	May			0.01	0.02	0.01
Tilt 3.6 EC	oz					2.0000				
Bravo Weather Stick	pt					1.0000				
Sprayer(300-450Gal)	60'		0.017	1.00	Jun			0.01	0.02	0.01
Tilt 3.6 EC	oz					2.0000				
Bravo Weather Stick	pt					1.0000				
Sprayer(300-450Gal)	60'		0.017	1.00	Jun			0.01	0.02	0.01
Storm	pt					1.5000				
Cadre DG Eco-Pak	oz					1.4400				
Butoxone 200(2,4-DB)	pt					1.0000				
Crop Oil Conc.(Veg.)	pt					2.0000				
Sprayer(300-450Gal)	60'		0.017	1.00	Jun			0.01	0.02	0.01
Tilt 3.6 EC	oz					2.0000				
Bravo Weather Stick	pt					1.0000				
Sprayer(300-450Gal)	60'		0.017	1.00	Jul			0.01	0.02	0.01
Abound	pt					1.5000				
Sprayer(300-450Gal)	60'		0.017	1.00	Jul			0.01	0.02	0.01
Storm	pt					1.5000				
Cadre DG Eco-Pak	oz					1.4400				
Butoxone 200(2,4-DB)	pt					1.0000				
Crop Oil Conc.(Veg.)	pt					2.0000				
Sprayer(300-450Gal)	60'		0.017	1.00	Jul			0.01	0.02	0.01
Poast Plus	pt					1.5000				
Crop Oil Conc.(Veg.)	pt					2.0000				
Sprayer(300-450Gal)	60'		0.017	1.00	Jul			0.01	0.02	0.01
Tilt 3.6 EC	oz					2.0000				
Bravo Weather Stick	pt					1.0000				
Sprayer(300-450Gal)	60'		0.017	0.50	Aug			0.00	0.01	0.00
Karate Z	oz					1.5000				
Sprayer(300-450Gal)	60'		0.017	1.00	Aug			0.01	0.02	0.01
Abound	pt					1.5000				
Sprayer(300-450Gal)	60'		0.017	1.00	Aug			0.01	0.02	0.01
Tilt 3.6 EC	oz					2.0000				
Bravo Weather Stick	pt					1.0000				
Peanut Dig/Invertor	4R-38	MFWD 190	0.186	1.00	Sep		0.18	0.18	0.18	0.14
Peanut Harvester	4R-38	MFWD 225	0.934	1.00	Sep		0.93	0.93	0.93	0.74
Peanut Dump Cart	6-Row	MFWD 190	0.310	1.00	Sep		0.31	0.31	0.31	0.24
Dry Peanuts	ton			1.00	Sep	1.0800				
Cleaning Peanuts	ton			1.00	Sep	1.5300				
Haul Peanuts	ton			1.00	Sep	1.8000				
TOTALS							1.94	1.72	2.20	1.55

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.
 60% of all peanuts harvested need drying.
 85% of all peanuts harvested need cleaning.

Table 2.D Estimated costs for field operations, per acre
 Peanut - runner, 1.8 ton (3600 lb) yield, 8 row-30 inch
 All Areas, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST	
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL			
-----dollars-----											
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.03	0.71	0.59	1.30
Glyphosate Plus 4L	pt	9.40						0.41	9.81		9.81
Rip/Bed/Till Rigid	8R-30		3.17	0.67	2.56			0.23	6.63	4.98	11.61
Peanut Plt&Pre Rigid	8R-30		3.48	2.34	3.93			0.36	10.11	8.69	18.80
Peanut Seed	lb	57.00						2.08	59.08		59.08
Innoculant (Liquid)	pt	10.34						0.38	10.72		10.72
Phorate	lb	11.40						0.42	11.82		11.82
Abound	pt	15.75						0.57	16.32		16.32
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.02	0.70	0.59	1.29
Dual II Magnum	pt	13.43						0.49	13.92		13.92
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.02	0.70	0.59	1.29
Tilt 3.6 EC	oz	5.24						0.19	5.43		5.43
Bravo Weather Stick	pt	5.57						0.20	5.77		5.77
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.02	0.70	0.59	1.29
Tilt 3.6 EC	oz	5.24						0.15	5.39		5.39
Bravo Weather Stick	pt	5.57						0.16	5.73		5.73
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.02	0.70	0.59	1.29
Storm	pt	14.25						0.42	14.67		14.67
Cadre DG Eco-Pak	oz	19.80						0.58	20.38		20.38
Butoxone 200(2,4-DB)	pt	4.05						0.12	4.17		4.17
Crop Oil Conc.(Veg.)	pt	4.92						0.14	5.06		5.06
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.02	0.70	0.59	1.29
Tilt 3.6 EC	oz	5.24						0.15	5.39		5.39
Bravo Weather Stick	pt	5.57						0.16	5.73		5.73
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.01	0.69	0.59	1.28
Abound	pt	47.24						1.03	48.27		48.27
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.01	0.69	0.59	1.28
Storm	pt	14.25						0.31	14.56		14.56
Cadre DG Eco-Pak	oz	19.80						0.43	20.23		20.23
Butoxone 200(2,4-DB)	pt	4.05						0.09	4.14		4.14
Crop Oil Conc.(Veg.)	pt	4.92						0.11	5.03		5.03
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.01	0.69	0.59	1.28
Poast Plus	pt	9.56						0.21	9.77		9.77
Crop Oil Conc.(Veg.)	pt	4.92						0.11	5.03		5.03
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.01	0.69	0.59	1.28
Tilt 3.6 EC	oz	5.24						0.11	5.35		5.35
Bravo Weather Stick	pt	5.57						0.12	5.69		5.69
Sprayer(300-450Gal)	60'		0.12	0.04	0.19			0.01	0.36	0.29	0.65
Karate Z	oz	4.65						0.07	4.72		4.72
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.01	0.69	0.59	1.28
Abound	pt	47.24						0.69	47.93		47.93
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.01	0.69	0.59	1.28
Tilt 3.6 EC	oz	5.24						0.08	5.32		5.32
Bravo Weather Stick	pt	5.57						0.08	5.65		5.65
Peanut Dig/Invertor	4R-38		4.24	1.64	3.42			0.07	9.37	6.84	16.21
Peanut Harvester	4R-38		25.22	9.13	17.17			0.38	51.90	60.58	112.48
Peanut Dump Cart	6-Row		7.06	1.62	5.70			0.10	14.48	11.58	26.06
Dry Peanuts	ton	25.92						0.19	26.11		26.11
Cleaning Peanuts	ton	27.54						0.20	27.74		27.74
Haul Peanuts	ton	26.10						0.19	26.29		26.29
TOTALS		450.58	46.05	16.28	37.53	0.00	11.98	562.42	100.04	662.46	

Note: Cost of production estimates are based on 2007 input prices.

Fertilization decisions should be based on soil tests.

60% of all peanuts harvested need drying.

85% of all peanuts harvested need cleaning.

Table 2.E Estimated monthly income and expense flows per acre
 Peanut - runner, 1.8 ton (3600 lb) yield, 8 row-30 inch
 All Areas, Mississippi, 2008

ITEM	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
-----dollars-----												
TOTAL INCOME	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	855.00
DIRECT EXPENSES												
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.96	21.62	58.05	58.05	0.00
HERBICIDES	0.00	0.00	0.00	0.00	0.00	0.00	9.40	13.43	38.10	47.66	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.65	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.92	9.84	0.00	0.00
HAULING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.10
CLEANING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.54
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.92
INOCULANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.34	0.00	0.00	0.00	0.00
LABOR	0.00	0.00	0.00	0.00	0.00	0.00	0.38	7.25	1.14	1.52	0.95	26.29
LEASE *	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL	0.00	0.00	0.00	0.00	0.00	0.00	0.23	7.11	0.69	0.92	0.58	36.52
REPAIR & MAINTENANCE	0.00	0.00	0.00	0.00	0.00	0.00	0.07	3.15	0.21	0.28	0.18	12.39
INTEREST ON OP. CAP.	0.00	0.00	0.00	0.00	0.00	0.00	0.44	4.96	1.94	2.56	0.95	1.13
TOTAL DIRECT EXPENSES	0.00	0.00	0.00	0.00	0.00	0.00	10.52	141.20	68.62	120.83	65.36	155.89
NET INCOME	0.00	0.00	0.00	0.00	0.00	0.00	-10.52	-141.20	-68.62	-120.83	-65.36	699.11
NET INCOME TO DATE	0.00	0.00	0.00	0.00	0.00	0.00	-10.52	-151.72	-220.34	-341.17	-406.53	292.58

Note: Cost of production estimates are based on 2007 input prices.

Fertilization decisions should be based on soil tests.

60% of all peanuts harvested need drying.

85% of all peanuts harvested need cleaning.

* Lease costs are based on hourly usage costs.

Table 2.F Estimated returns for various price/yield combinations, per acre
 Peanut - runner, 1.8 ton (3600 lb) yield, 8 row-30 inch
 All Areas, Mississippi, 2008

PRODUCT			PERCENT										
			75	80	85	90	95	100	105	110	115	120	125
Peanut Runner			356.25	380.00	403.75	427.50	451.25	475.00	498.75	522.50	546.25	570.00	593.75
PERCENT			dollars										
YIELD	UNIT												
50	0.90	ton	-201	-180	-158	-137	-116	-94	-73	-52	-30	-9	12
			-301	-280	-259	-237	-216	-194	-173	-152	-130	-109	-88
60	1.08	ton	-145	-119	-94	-68	-43	-17	8	33	59	85	110
			-245	-220	-194	-168	-143	-117	-91	-66	-40	-14	10
70	1.26	ton	-89	-59	-29	0	30	60	90	119	149	179	209
			-189	-159	-129	-99	-69	-39	-9	19	49	79	109
80	1.44	ton	-33	0	35	69	103	137	171	206	240	274	308
			-133	-99	-65	-30	3	37	71	105	140	174	208
90	1.62	ton	22	61	99	138	176	215	253	292	330	368	407
			-77	-38	-0	38	76	115	153	192	230	268	307
100	1.80	ton	78	121	164	207	249	292	335	378	420	463	506
			-21	21	64	107	149	192	235	278	320	363	406
110	1.98	ton	134	181	228	276	323	370	417	464	511	558	605
			34	81	128	175	223	270	317	364	411	458	505
120	2.16	ton	191	242	293	344	396	447	498	550	601	652	704
			91	142	193	244	296	347	398	450	501	552	604
130	2.34	ton	247	302	358	413	469	525	580	636	691	747	802
			147	202	258	313	369	424	480	536	591	647	702
140	2.52	ton	303	363	422	482	542	602	662	722	782	841	901
			203	263	322	382	442	502	562	622	682	741	801
150	2.70	ton	359	423	487	551	615	680	744	808	872	936	1000
			259	323	387	451	515	579	644	708	772	836	900

The top number in each cell is Returns Above Direct Expenses.
 The bottom number in each cell is Returns Above Total Specified Expenses.
 Only the product listed has been varied to calculate net returns.
 Note: Cost of production estimates are based on 2007 input prices.

Table 3.A Estimated costs per acre
 Peanut - runner, 1.8 ton (3600 lb) yield, 12 row-38inch
 All Areas, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FUNGICIDES					
Phorate	lb	2.28	5.0000	11.40	_____
Abound	pt	31.49	3.5000	110.21	_____
Tilt 3.6 EC	oz	2.62	10.0000	26.20	_____
Bravo Weather Stick	pt	5.57	5.0000	27.85	_____
HERBICIDES					
Glyphosate Plus 4L	pt	2.35	4.0000	9.40	_____
Dual II Magnum	pt	13.43	1.0000	13.43	_____
Storm	pt	9.50	3.0000	28.50	_____
Cadre DG Eco-Pak	oz	13.75	2.8800	39.60	_____
Butoxone 200(2,4-DB)	pt	4.05	2.0000	8.10	_____
Poast Plus	pt	6.37	1.5000	9.56	_____
INSECTICIDES					
Karate Z	oz	3.10	1.5000	4.65	_____
SEED/PLANTS					
Peanut Seed	lb	0.57	100.0000	57.00	_____
ADJUVANTS					
Crop Oil Conc.(Veg.)	pt	2.46	6.0000	14.76	_____
HAULING					
Haul Peanuts	ton	14.50	1.8000	26.10	_____
CLEANING					
Cleaning Peanuts	ton	18.00	1.5300	27.54	_____
DRYING					
Dry Peanuts	ton	24.00	1.0800	25.92	_____
INOCULANT					
Innoculant (Liquid)	pt	10.34	1.0000	10.34	_____
OPERATOR LABOR					
Tractors	hour	10.21	1.1856	12.11	_____
Self-Propelled	hour	10.21	0.2203	2.25	_____
HAND LABOR					
Implements	hour	7.31	0.0804	0.59	_____
Self-Propelled	hour	7.31	0.1101	0.75	_____
UNALLOCATED LABOR	hour	10.17	1.1248	11.44	_____
DIESEL FUEL					
Tractors	gal	2.33	12.8051	29.84	_____
Self-Propelled	gal	2.33	1.2477	2.88	_____
REPAIR & MAINTENANCE					
Implements	acre	6.14	1.0000	6.14	_____
Tractors	acre	4.88	1.0000	4.88	_____
Self-Propelled	acre	0.88	1.0000	0.88	_____
INTEREST ON OP. CAP.	acre	11.54	1.0000	11.54	_____
TOTAL DIRECT EXPENSES				533.88	_____
FIXED EXPENSES					
Implements	acre	30.86	1.0000	30.86	_____
Tractors	acre	37.74	1.0000	37.74	_____
Self-Propelled	acre	7.37	1.0000	7.37	_____
TOTAL FIXED EXPENSES				75.97	_____
TOTAL SPECIFIED EXPENSES				609.85	_____

Note: Cost of production estimates are based on 2007 input prices.

Fertilization decisions should be based on soil tests.

60% of all peanuts harvested need drying.

85% of all peanuts harvested need cleaning.

Table 3.B Summary of estimated costs and returns per acre
 Peanut - runner, 1.8 ton (3600 lb) yield, 12 row-38inch
 All Areas, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Peanut Runner	ton	475.00	1.8000	855.00	_____

TOTAL INCOME				855.00	_____
DIRECT EXPENSES					
FUNGICIDES	acre	175.68	1.0000	175.68	_____
HERBICIDES	acre	108.59	1.0000	108.59	_____
INSECTICIDES	acre	4.65	1.0000	4.65	_____
SEED/PLANTS	acre	57.00	1.0000	57.00	_____
ADJUVANTS	acre	14.76	1.0000	14.76	_____
HAULING	acre	26.10	1.0000	26.10	_____
CLEANING	acre	27.54	1.0000	27.54	_____
DRYING	acre	25.92	1.0000	25.92	_____
INOCULANT	acre	10.34	1.0000	10.34	_____
HAND LABOR	hour	7.31	0.1905	1.34	_____
OPERATOR LABOR	hour	10.21	1.4060	14.36	_____
UNALLOCATED LABOR	hour	10.17	1.1248	11.44	_____
DIESEL FUEL	gal	2.33	14.0528	32.72	_____
REPAIR & MAINTENANCE	acre	11.90	1.0000	11.90	_____
INTEREST ON OP. CAP.	acre	11.54	1.0000	11.54	_____

TOTAL DIRECT EXPENSES				533.88	_____
RETURNS ABOVE DIRECT EXPENSES				321.12	_____
TOTAL FIXED EXPENSES				75.97	_____

TOTAL SPECIFIED EXPENSES				609.85	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				245.15	_____

Note: Cost of production estimates are based on 2007 input prices.

Fertilization decisions should be based on soil tests.

60% of all peanuts harvested need drying.

85% of all peanuts harvested need cleaning.

Table 3.C Estimated resource use for field operations, per acre
 Peanut - runner, 1.8 ton (3600 lb) yield, 12 row-38inch
 All Areas, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	INPUT AMOUNT	IMPLEMENT	POWER UNIT	ALLOC LABOR	UNALL LABOR
-----hours-----										
Sprayer(300-450Gal)	60'		0.017	1.00	Apr			0.01	0.02	0.01
Glyphosate Plus 4L	pt					4.0000				
Rip/Bed/Till Fold	12R-38	MFWD 225	0.046	1.00	May		0.04	0.04	0.04	0.03
Peanut Plt&Pre Fold	12R-38	MFWD 190	0.080	1.00	May		0.08	0.08	0.16	0.06
Peanut Seed	lb					100.0000				
Innoculant (Liquid)	pt					1.0000				
Phorate	lb					5.0000				
Abound	pt					0.5000				
Sprayer(300-450Gal)	60'		0.017	1.00	May			0.01	0.02	0.01
Dual II Magnum	pt					1.0000				
Sprayer(300-450Gal)	60'		0.017	1.00	May			0.01	0.02	0.01
Tilt 3.6 EC	oz					2.0000				
Bravo Weather Stick	pt					1.0000				
Sprayer(300-450Gal)	60'		0.017	1.00	Jun			0.01	0.02	0.01
Tilt 3.6 EC	oz					2.0000				
Bravo Weather Stick	pt					1.0000				
Sprayer(300-450Gal)	60'		0.017	1.00	Jun			0.01	0.02	0.01
Storm	pt					1.5000				
Cadre DG Eco-Pak	oz					1.4400				
Butoxone 200(2,4-DB)	pt					1.0000				
Crop Oil Conc.(Veg.)	pt					2.0000				
Sprayer(300-450Gal)	60'		0.017	1.00	Jun			0.01	0.02	0.01
Tilt 3.6 EC	oz					2.0000				
Bravo Weather Stick	pt					1.0000				
Sprayer(300-450Gal)	60'		0.017	1.00	Jul			0.01	0.02	0.01
Abound	pt					1.5000				
Sprayer(300-450Gal)	60'		0.017	1.00	Jul			0.01	0.02	0.01
Storm	pt					1.5000				
Cadre DG Eco-Pak	oz					1.4400				
Butoxone 200(2,4-DB)	pt					1.0000				
Crop Oil Conc.(Veg.)	pt					2.0000				
Sprayer(300-450Gal)	60'		0.017	1.00	Jul			0.01	0.02	0.01
Poast Plus	pt					1.5000				
Crop Oil Conc.(Veg.)	pt					2.0000				
Sprayer(300-450Gal)	60'		0.017	1.00	Jul			0.01	0.02	0.01
Tilt 3.6 EC	oz					2.0000				
Bravo Weather Stick	pt					1.0000				
Sprayer(300-450Gal)	60'		0.017	0.50	Aug			0.00	0.01	0.00
Karate Z	oz					1.5000				
Sprayer(300-450Gal)	60'		0.017	1.00	Aug			0.01	0.02	0.01
Abound	pt					1.5000				
Sprayer(300-450Gal)	60'		0.017	1.00	Aug			0.01	0.02	0.01
Tilt 3.6 EC	oz					2.0000				
Bravo Weather Stick	pt					1.0000				
Peanut Dig/Invertor	6R-38	MFWD 190	0.124	1.00	Sep		0.12	0.12	0.12	0.09
Peanut Harvester	6R-38	MFWD 225	0.625	1.00	Sep		0.62	0.62	0.62	0.50
Peanut Dump Cart	6-Row	MFWD 190	0.310	1.00	Sep		0.31	0.31	0.31	0.24
Dry Peanuts	ton			1.00	Sep	1.0800				
Cleaning Peanuts	ton			1.00	Sep	1.5300				
Haul Peanuts	ton			1.00	Sep	1.8000				
TOTALS							1.40	1.18	1.59	1.12

Note: Cost of production estimates are based on 2007 input prices..

Fertilization decisions should be based on soil tests.

60% of all peanuts harvested need drying.

85% of all peanuts harvested need cleaning.

Table 3.D Estimated costs for field operations, per acre
 Peanut - runner, 1.8 ton (3600 lb) yield, 12 row-38inch
 All Areas, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST	
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL			
-----dollars-----											
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.03	0.71	0.59	1.30
Glyphosate Plus 4L	pt	9.40						0.41	9.81		9.81
Rip/Bed/Till Fold	12R-38		1.25	0.28	0.85			0.09	2.47	2.13	4.60
Peanut Plt&Pre Fold	12R-38		1.83	1.93	2.07			0.21	6.04	6.26	12.30
Peanut Seed	lb	57.00						2.08	59.08		59.08
Innoculant (Liquid)	pt	10.34						0.38	10.72		10.72
Phorate	lb	11.40						0.42	11.82		11.82
Abound	pt	15.75						0.57	16.32		16.32
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.02	0.70	0.59	1.29
Dual II Magnum	pt	13.43						0.49	13.92		13.92
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.02	0.70	0.59	1.29
Tilt 3.6 EC	oz	5.24						0.19	5.43		5.43
Bravo Weather Stick	pt	5.57						0.20	5.77		5.77
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.02	0.70	0.59	1.29
Tilt 3.6 EC	oz	5.24						0.15	5.39		5.39
Bravo Weather Stick	pt	5.57						0.16	5.73		5.73
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.02	0.70	0.59	1.29
Storm	pt	14.25						0.42	14.67		14.67
Cadre DG Eco-Pak	oz	19.80						0.58	20.38		20.38
Butoxone 200(2,4-DB)	pt	4.05						0.12	4.17		4.17
Crop Oil Conc.(Veg.)	pt	4.92						0.14	5.06		5.06
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.02	0.70	0.59	1.29
Tilt 3.6 EC	oz	5.24						0.15	5.39		5.39
Bravo Weather Stick	pt	5.57						0.16	5.73		5.73
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.01	0.69	0.59	1.28
Abound	pt	47.24						1.03	48.27		48.27
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.01	0.69	0.59	1.28
Storm	pt	14.25						0.31	14.56		14.56
Cadre DG Eco-Pak	oz	19.80						0.43	20.23		20.23
Butoxone 200(2,4-DB)	pt	4.05						0.09	4.14		4.14
Crop Oil Conc.(Veg.)	pt	4.92						0.11	5.03		5.03
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.01	0.69	0.59	1.28
Poast Plus	pt	9.56						0.21	9.77		9.77
Crop Oil Conc.(Veg.)	pt	4.92						0.11	5.03		5.03
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.01	0.69	0.59	1.28
Tilt 3.6 EC	oz	5.24						0.11	5.35		5.35
Bravo Weather Stick	pt	5.57						0.12	5.69		5.69
Sprayer(300-450Gal)	60'		0.12	0.04	0.19			0.01	0.36	0.29	0.65
Karate Z	oz	4.65						0.07	4.72		4.72
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.01	0.69	0.59	1.28
Abound	pt	47.24						0.69	47.93		47.93
Sprayer(300-450Gal)	60'		0.23	0.07	0.38			0.01	0.69	0.59	1.28
Tilt 3.6 EC	oz	5.24						0.08	5.32		5.32
Bravo Weather Stick	pt	5.57						0.08	5.65		5.65
Peanut Dig/Invertor	6R-38		2.83	1.10	2.28			0.05	6.26	4.97	11.23
Peanut Harvester	6R-38		16.87	6.09	11.49			0.25	34.70	43.66	78.36
Peanut Dump Cart	6-Row		7.06	1.62	5.70			0.10	14.48	11.58	26.06
Dry Peanuts	ton	25.92						0.19	26.11		26.11
Cleaning Peanuts	ton	27.54						0.20	27.74		27.74
Haul Peanuts	ton	26.10						0.19	26.29		26.29
TOTALS		450.58	32.72	11.90	27.14	0.00	11.54	533.88	75.97	609.85	

Note: Cost of production estimates are based on 2007 input prices.

Fertilization decisions should be based on soil tests.

60% of all peanuts harvested need drying.

85% of all peanuts harvested need cleaning.

Table 3.E Estimated monthly income and expense flows per acre
 Peanut - runner, 1.8 ton (3600 lb) yield, 12 row-38inch
 All Areas, Mississippi, 2008

ITEM	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
-----dollars-----												
TOTAL INCOME	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	855.00
DIRECT EXPENSES												
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.96	21.62	58.05	58.05	0.00
HERBICIDES	0.00	0.00	0.00	0.00	0.00	0.00	9.40	13.43	38.10	47.66	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.65	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.92	9.84	0.00	0.00
HAULING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.10
CLEANING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.54
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.92
INOCULANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.34	0.00	0.00	0.00	0.00
LABOR	0.00	0.00	0.00	0.00	0.00	0.00	0.38	3.68	1.14	1.52	0.95	19.47
LEASE *	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL	0.00	0.00	0.00	0.00	0.00	0.00	0.23	3.54	0.69	0.92	0.58	26.76
REPAIR & MAINTENANCE	0.00	0.00	0.00	0.00	0.00	0.00	0.07	2.35	0.21	0.28	0.18	8.81
INTEREST ON OP. CAP.	0.00	0.00	0.00	0.00	0.00	0.00	0.44	4.67	1.94	2.56	0.95	0.98
TOTAL DIRECT EXPENSES	0.00	0.00	0.00	0.00	0.00	0.00	10.52	132.97	68.62	120.83	65.36	135.58
NET INCOME	0.00	0.00	0.00	0.00	0.00	0.00	-10.52	-132.97	-68.62	-120.83	-65.36	719.42
NET INCOME TO DATE	0.00	0.00	0.00	0.00	0.00	0.00	-10.52	-143.49	-212.11	-332.94	-398.30	321.12

Note: Cost of production estimates are based on 2007 input prices.

Fertilization decisions should be based on soil tests.

60% of all peanuts harvested need drying.

85% of all peanuts harvested need cleaning.

* Lease costs are based on hourly usage costs.

Table 3.F Estimated returns for various price/yield combinations, per acre
 Peanut - runner, 1.8 ton (3600 lb) yield, 12 row-38inch
 All Areas, Mississippi, 2008

PRODUCT			PERCENT										
			75	80	85	90	95	100	105	110	115	120	125
Peanut Runner			356.25	380.00	403.75	427.50	451.25	475.00	498.75	522.50	546.25	570.00	593.75
PERCENT			dollars										
YIELD	UNIT												
50	0.90	ton	-173	-151	-130	-109	-87	-66	-44	-23	-2	19	40
			-249	-227	-206	-185	-163	-142	-120	-99	-78	-56	-35
60	1.08	ton	-117	-91	-65	-40	-14	11	36	62	88	113	139
			-193	-167	-141	-116	-90	-64	-39	-13	12	37	63
70	1.26	ton	-60	-31	-1	28	58	88	118	148	178	208	238
			-136	-107	-77	-47	-17	12	42	72	102	132	162
80	1.44	ton	-4	29	63	97	131	166	200	234	268	302	337
			-80	-46	-12	21	55	90	124	158	192	226	261
90	1.62	ton	51	89	128	166	205	243	282	320	359	397	436
			-24	13	52	90	129	167	206	244	283	321	360
100	1.80	ton	107	150	192	235	278	321	363	406	449	492	534
			31	74	116	159	202	245	287	330	373	416	458
110	1.98	ton	163	210	257	304	351	398	445	492	539	586	633
			87	134	181	228	275	322	369	416	463	510	557
120	2.16	ton	219	270	322	373	424	476	527	578	629	681	732
			143	194	246	297	348	400	451	502	554	605	656
130	2.34	ton	275	331	386	442	498	553	609	664	720	775	831
			199	255	310	366	422	477	533	588	644	699	755
140	2.52	ton	331	391	451	511	571	631	690	750	810	870	930
			255	315	375	435	495	555	614	674	734	794	854
150	2.70	ton	387	452	516	580	644	708	772	836	900	965	1029
			311	376	440	504	568	632	696	760	824	889	953

The top number in each cell is Returns Above Direct Expenses.
 The bottom number in each cell is Returns Above Total Specified Expenses.
 Only the product listed has been varied to calculate net returns.
 Note: Cost of production estimates are based on 2007 input prices.

APPENDIX

Appendix Table 1. Tractors/Harvesters: estimated purchase price, annual use, useful life, fuel use, and direct and fixed cost per hour, Mississippi, 2008

Item Name	Size	Purchase Price	Annual Use	Useful Life	Fuel Use	Labor	Fuel	R&M	Total Direct	Fixed	Total Cost
		dollars	hours	years	gal/hr	-----\$/hour-----					
Combine (200-249 hp)	240hp	161,548	300	8	12.35	10.21	28.77	16.82	55.81	80.57	136.38
Combine (250-299 hp)	275hp	190,410	300	8	14.15	10.21	32.96	19.83	63.01	94.97	157.98
Combine (250-299 hp)	Grass295hp	211,248	300	8	15.18	10.21	35.36	22.00	67.58	105.36	172.94
Combine (300-349 hp)	325hp	224,696	300	8	16.73	10.21	38.98	23.40	72.59	112.07	184.66
Combine (350-379 hp)	370hp	241,674	300	8	19.04	10.21	44.36	25.17	79.74	120.54	200.28
Combine (395-420)	400hp	272,072	300	8	20.58	10.21	47.95	28.34	86.50	135.70	222.20
Cotton Stripper	173 hp	127,505	200	8	8.08	10.21	18.82	19.92	48.95	95.39	144.35
Tractor(40-59hp)Cab	2WD 50	28,063	600	8	2.57	10.21	5.99	0.87	17.08	6.56	23.65
Tractor(40-59hp)Cab	MFWD 50	31,198	600	8	2.57	10.21	5.99	0.97	17.18	7.30	24.48
Tractor(40-59hp)RB	2WD 50	18,365	600	8	2.57	10.21	5.99	0.57	16.78	4.29	21.07
Tractor(40-59hp)RB	MFWD 50	23,443	600	8	2.57	10.21	5.99	0.73	16.93	5.48	22.42
Tractor(60-89hp)CAB	2WD 75	38,645	600	8	3.86	10.21	8.99	1.20	20.41	9.04	29.45
Tractor(60-89hp)CAB	MFWD 75	43,217	600	8	3.86	10.21	8.99	1.35	20.55	10.11	30.66
Tractor(60-89hp)RB	2WD 75	28,341	600	8	3.86	10.21	8.99	0.88	20.09	6.63	26.72
Tractor(60-89hp)RB	MFWD 75	32,988	600	8	3.86	10.21	8.99	1.03	20.23	7.71	27.95
Tractor(90-119hp)CB	2WD 105	54,618	600	8	5.40	10.21	12.59	1.70	24.50	12.78	37.29
Tractor(90-119hp)CB	MFWD 105	63,805	600	8	5.40	10.21	12.59	1.99	24.79	14.93	39.72
Tractor(90-119hp)RB	2WD 105	39,972	600	8	5.40	10.21	12.59	1.24	24.05	9.35	33.40
Tractor(90-119hp)RB	MFWD 105	47,062	600	8	5.40	10.21	12.59	1.47	24.27	11.01	35.28
Tractor(120-139hp)CB	2WD 130	78,141	600	8	6.69	10.21	15.59	2.44	28.24	18.28	46.52
Tractor(120-139hp)CB	MFWD 130	87,621	600	8	6.69	10.21	15.59	2.73	28.53	20.50	49.04
Tractor(140-159hp)CB	2WD 150	86,566	600	8	7.72	10.21	17.98	2.70	30.90	20.25	51.16
Tractor(140-159hp)CB	MFWD 150	101,499	600	8	7.72	10.21	17.98	3.17	31.37	23.75	55.12
Tractor(160-179hp)CB	2WD 170	92,716	600	8	8.75	10.21	20.38	2.89	33.49	22.40	55.90
Tractor(160-179hp)CB	MFWD 170	113,379	600	8	8.75	10.21	20.38	3.54	34.14	27.40	61.54
Tractor(160-199hp)CB	Track 180	142,710	600	8	9.26	10.21	21.58	4.45	36.25	34.49	70.74
Tractor(180-199hp)CB	2WD 190	107,324	600	8	9.77	10.21	22.78	3.35	36.35	25.93	62.29
Tractor(180-199hp)CB	MFWD 190	119,337	600	8	9.77	10.21	22.78	3.72	36.72	28.84	65.56
Tractor(200-249hp)CB	4WD 225	147,066	600	8	11.58	10.21	26.98	4.59	41.79	35.54	77.33
Tractor(200-249hp)CB	MFWD 225	141,170	600	8	11.58	10.21	26.98	4.41	41.60	34.11	75.72
Tractor(200-249hp)CB	Track 225	163,877	600	8	11.58	10.21	26.98	5.12	42.31	39.60	81.92
Tractor(250-349hp)CB	4WD 300	151,284	600	8	15.44	10.21	35.97	4.72	50.91	36.56	87.48
Tractor(250-349hp)CB	MFWD 300	167,310	600	8	15.44	10.21	35.97	5.22	51.41	40.43	91.85
Tractor(250-349hp)CB	Track 300	197,006	600	8	15.44	10.21	35.97	6.15	52.34	47.61	99.96
Tractor(350-449hp)CB	4WD 400	195,126	600	8	20.58	10.21	47.97	6.09	64.28	47.16	111.44
Tractor(350-449hp)CB	Track 400	233,337	600	8	20.58	10.21	47.97	7.29	65.47	56.39	121.86
Tractor(450-550hp)CB	4WD 500	229,879	600	8	24.44	10.21	56.96	7.18	74.35	55.55	129.91
Tractor(450-uphp)CB	Track 475	268,277	600	8	24.44	10.21	56.96	8.38	75.55	64.84	140.40

Notes:
 Labor: Includes allocated labor from power unit.
 Total Direct: Does not include interest on operating capital.

Appendix Table 2. Self-propelled machines: estimated purchase price, annual use, useful life, fuel use, performance rate, and direct and fixed cost per acre, Mississippi, 2008

Item Name	Size	Purchase Price	Annual Use	Useful Life	Fuel Use	Perf Rate	Labor	Fuel	R&M	Total Direct	Fixed	Total Cost
		dollars	hours	years	gal/hr	hr/ac	-----\$/acre-----					
ATV - 4 Wheeler	20' Rope W	8,350	100	8	0.50	0.052	0.73	0.07	0.13	0.94	0.64	1.58
Cotton Picker-1st-BB	2R-38(157)	144,912	200	8	8.08	0.519	9.10	9.78	11.76	30.65	56.33	86.99
Cotton Picker-1st-BB	4R-30(250)	251,681	200	8	12.86	0.327	5.73	9.81	12.87	28.42	61.64	90.07
Cotton Picker-1st-BB	4R-30(325)	292,421	200	8	16.72	0.327	5.73	12.76	14.95	33.45	71.62	105.07
Cotton Picker-1st-BB	4R-30(350)	299,830	200	8	18.01	0.327	5.73	13.74	15.33	34.81	73.43	108.25
Cotton Picker-1st-BB	4R-38(255)	248,193	200	8	13.12	0.257	4.51	7.88	9.99	22.39	47.86	70.26
Cotton Picker-1st-BB	4R-38(350)	313,556	200	8	18.01	0.257	4.51	10.82	12.62	27.96	60.47	88.43
Cotton Picker-1st-BB	4R2x1(350)	322,137	200	8	18.01	0.172	3.01	7.23	8.67	18.92	41.52	60.45
Cotton Picker-1st-BB	5R-30(255)	260,177	200	8	13.12	0.261	4.58	8.00	10.64	23.24	50.97	74.22
Cotton Picker-1st-BB	5R-38(250)	270,541	200	8	12.86	0.207	3.63	6.21	8.75	18.60	41.93	60.54
Cotton Picker-1st-BB	6R-30(350)	381,665	200	8	18.01	0.218	3.82	9.16	13.01	26.00	62.32	88.32
Cotton Picker-1st-BB	6R-38(350)	384,306	200	8	18.01	0.172	3.01	7.23	10.34	20.59	49.54	70.14
Cotton Picker-1st-Tr	2R-38(157)	144,912	200	8	8.08	0.519	9.10	9.78	11.76	30.65	56.33	86.99
Cotton Picker-1st-Tr	4R-30(250)	251,681	200	8	12.86	0.327	5.73	9.81	12.87	28.42	61.64	90.07
Cotton Picker-1st-Tr	4R-30(325)	292,421	200	8	16.72	0.327	5.73	12.76	14.95	33.45	71.62	105.07
Cotton Picker-1st-Tr	4R-30(350)	299,830	200	8	18.01	0.327	5.73	13.74	15.33	34.81	73.43	108.25
Cotton Picker-1st-Tr	4R-38(255)	248,193	200	8	13.12	0.257	4.51	7.88	9.99	22.39	47.86	70.26
Cotton Picker-1st-Tr	4R-38(350)	313,556	200	8	18.01	0.257	4.51	10.82	12.62	27.96	60.47	88.43
Cotton Picker-1st-Tr	4R2x1(350)	322,137	200	8	18.01	0.172	3.01	7.23	8.67	18.92	41.52	60.45
Cotton Picker-1st-Tr	5R-30(255)	260,177	200	8	13.12	0.261	4.58	8.00	10.64	23.24	50.97	74.22
Cotton Picker-1st-Tr	5R-38(250)	270,541	200	8	12.86	0.207	3.63	6.21	8.75	18.60	41.93	60.54
Cotton Picker-1st-Tr	6R-30(350)	381,665	200	8	18.01	0.218	3.82	9.16	13.01	26.00	62.32	88.32
Cotton Picker-1st-Tr	6R-38(350)	384,306	200	8	18.01	0.172	3.01	7.23	10.34	20.59	49.54	70.14
Cotton Picker-2nd-BB	2R-38(157)	144,912	200	8	8.08	0.440	7.71	8.28	9.96	25.96	47.72	73.68
Cotton Picker-2nd-BB	4R-30(250)	251,681	200	8	12.86	0.277	4.85	8.31	10.90	24.07	52.21	76.29
Cotton Picker-2nd-BB	4R-30(325)	292,421	200	8	16.72	0.277	4.85	10.80	12.67	28.33	60.66	89.00
Cotton Picker-2nd-BB	4R-30(350)	299,830	200	8	18.01	0.277	4.85	11.64	12.99	29.49	62.20	91.69
Cotton Picker-2nd-BB	4R-38(255)	248,193	200	8	13.12	0.218	3.82	6.67	8.46	18.97	40.54	59.51
Cotton Picker-2nd-BB	4R-38(350)	313,556	200	8	18.01	0.218	3.82	9.16	10.69	23.68	51.22	74.91
Cotton Picker-2nd-BB	4R2x1(350)	322,137	200	8	18.01	0.145	2.55	6.12	7.34	16.02	35.17	51.20
Cotton Picker-2nd-BB	5R-30(255)	260,177	200	8	13.12	0.221	3.88	6.78	9.01	19.69	43.18	62.87
Cotton Picker-2nd-BB	5R-38(250)	270,541	200	8	12.86	0.175	3.07	5.26	7.41	15.75	35.52	51.28
Cotton Picker-2nd-BB	6R-30(350)	381,665	200	8	18.01	0.184	3.23	7.76	11.02	22.02	52.78	74.81
Cotton Picker-2nd-BB	6R-38(350)	384,306	200	8	18.01	0.145	2.55	6.12	8.76	17.44	41.96	59.41
Cotton Picker-2nd-Tr	2R-38(157)	144,912	200	8	8.08	0.440	7.71	8.28	9.96	25.96	47.72	73.68
Cotton Picker-2nd-Tr	4R-30(250)	251,681	200	8	12.86	0.277	4.85	8.31	10.90	24.07	52.21	76.29
Cotton Picker-2nd-Tr	4R-30(325)	292,421	200	8	16.72	0.277	4.85	10.80	12.67	28.33	60.66	89.00
Cotton Picker-2nd-Tr	4R-30(350)	299,830	200	8	18.01	0.277	4.85	11.64	12.99	29.49	62.20	91.69
Cotton Picker-2nd-Tr	4R-38(255)	248,193	200	8	13.12	0.218	3.82	6.67	8.46	18.97	40.54	59.51
Cotton Picker-2nd-Tr	4R-38(350)	313,556	200	8	18.01	0.218	3.82	9.16	10.69	23.68	51.22	74.91
Cotton Picker-2nd-Tr	4R2x1(350)	322,137	200	8	18.01	0.145	2.55	6.12	7.34	16.02	35.17	51.20
Cotton Picker-2nd-Tr	5R-30(255)	260,177	200	8	13.12	0.221	3.88	6.78	9.01	19.69	43.18	62.87
Cotton Picker-2nd-Tr	5R-38(250)	270,541	200	8	12.86	0.175	3.07	5.26	7.41	15.75	35.52	51.28
Cotton Picker-2nd-Tr	6R-30(350)	381,665	200	8	18.01	0.184	3.23	7.76	11.02	22.02	52.78	74.81
Cotton Picker-2nd-Tr	6R-38(350)	384,306	200	8	18.01	0.145	2.55	6.12	8.76	17.44	41.96	59.41
Dry Applicator SP	70'300cuft	236,102	350	8	15.44	0.015	0.20	0.54	0.19	0.94	1.52	2.46
Sprayer(110Gal)	30' 47hp	35,591	350	8	2.57	0.035	0.48	0.21	0.06	0.76	0.53	1.30
Sprayer(300-450Gal)	60'	78,034	350	8	5.66	0.017	0.24	0.23	0.07	0.55	0.58	1.13
Sprayer(300-450Gal)	80'	79,024	350	8	5.66	0.013	0.18	0.17	0.05	0.41	0.44	0.86
Sprayer(600-750Gal)	60'	137,403	350	8	10.29	0.017	0.24	0.42	0.12	0.79	1.03	1.83
Sprayer(600-825Gal)	80'	155,036	350	8	10.29	0.013	0.18	0.31	0.10	0.61	0.87	1.48
Sprayer(600-825Gal)	90'	177,012	350	8	10.29	0.011	0.16	0.28	0.11	0.55	0.88	1.44
Sprayer(1000-1400Gal)	100'	224,279	350	8	14.15	0.010	0.14	0.34	0.12	0.62	1.01	1.63
Sprayer(1200PlusGal)	120'	243,280	350	8	15.44	0.008	0.12	0.31	0.11	0.55	0.91	1.47
Utility Vehicle	20'	12,081	200	8	0.70	0.052	0.73	0.10	0.09	0.93	0.47	1.41
Utility Vehicle	75" Rope W	10,095	200	8	0.50	0.167	2.32	0.22	0.26	2.82	1.26	4.08

Notes:

Labor: includes allocated labor plus any additional labor from self-propelled machine.

Direct: Does not include interest on operating capital.

Appendix Table 3. Towed equipment: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre, Mississippi, 2008 (continued)

Table with 14 columns: Item Name, Size, Power Unit, Purchase Price, Annual Use, Useful Life, Perf Rate, Labor, Fuel, ---R&M--- Imp., P.U., Total Direct, --Fixed-- Imp., P.U., Total Cost. Rows list various equipment types like Module Builder-2nd, NT Grain Drill, and NT Plant&Pre-Folding with their respective specifications and costs.

(continued)

Appendix Table 4. Operating inputs: estimated prices, Mississippi, 2008

ITEM NAME	UNIT	PRICE	ITEM NAME	UNIT	PRICE
		dollars			dollars
ADJUVANTS			Gem 25 WG	oz	3.41
Crop Oil Conc.(Pet.)	pt	0.80	Headline	oz	1.88
Crop Oil Conc.(Veg.)	pt	2.46	Headline SBR Copak	oz	1.55
Drift/Defoamer	pt	5.01	Manzate 75 DF	lb	2.61
Spreader Sticker	pt	3.18	Manzate Flowable	pt	1.77
Surfactant	pt	1.55	Moncut 70 DF	lb	25.09
CLEANING			Moncut SC	pt	13.13
Cleaning Peanuts	ton	18.00	Optimizer LIFT	1.1gal	91.00
CROP CONSULTANT			Phorate	lb	2.28
Rice Consultant	acre	7.00	Prevail	lb	11.53
CROP INSURANCE			Quadris	oz	1.97
Insurance - Peanuts	acre	13.00	Quilt	pt	15.06
CUSTOM FERTILIZE			Ridomil Gold PC GR	lb	2.04
App Fert by Air	cwt	5.00	Rovral 4F	pt	19.93
App Fert by Air(Min)	appl	5.00	Stiletto	oz	0.54
Custom Apply Fert	acre	5.00	Stratego	pt	18.52
CUSTOM LIME			Terrachlor Flowable	pt	4.74
Lime (Spread)	ton	40.00	Terraclor 2EC	pt	1.91
CUSTOM SPRAY			Terraclor Super X EC	pt	3.89
App by Air (1 gal)	appl	2.50	Terraclor Super X G	lb	2.39
App by Air (2 gal)	appl	3.00	Tilt 3.6 EC	oz	2.62
App by Air (3 gal)	appl	3.50	Uniform	oz	3.07
App by Air (5 gal)	appl	4.50	Vitavax 200	oz	0.49
App by Air (10 gal)	appl	6.50	Vitavax RTU-Thiram	oz	0.35
Custom Apply	acre	5.00	Vitavax T-L	oz	0.29
Custom Terragator	acre	5.00	GINNING		
DRYING			Gin & Haul	lb	0.09
Dry Corn	bu	0.19	GROWTH REGULATORS		
Dry Grain Sorghum	cwt	0.25	Early Harvest PGR	oz	1.55
Dry Peanuts	ton	24.00	First Pick	pt	3.09
Dry Rice	bu	0.40	Mepex	oz	0.30
ERADICATION FEE			Mepex Gin Out	oz	0.46
Eradication Fee	acre	5.50	Mepichlor 4.2% Liq	oz	0.39
Eradication Zone 1	acre	5.50	Mepiquat Chloride	oz	0.47
Eradication Zone 1A	acre	5.50	Mepiquat Extra	oz	0.63
Eradication Zone 1B	acre	5.50	Pentia	pt	8.98
Eradication Zone 2	acre	6.00	PGR IV	oz	1.64
Eradication Zone 3	acre	12.00	PGR Plus	oz	4.95
Eradication Zone 4	acre	10.50	Pix Plus	oz	0.56
FERTILIZERS			Pix Ultra	oz	0.47
Amm Nitrate (34% N)	cwt	16.00	Stance	pt	24.88
Amm Sulfate (21% N)	cwt	12.00	SuperBoll	pt	4.23
Anhy Ammonia (82% N)	cwt	26.85	HARVEST AIDS		
Boron 15%	lb	0.40	Accelerate	pt	2.76
Boron Plus	pt	3.62	Aim 2EC	oz	5.82
DAP	cwt	16.00	Ammonium Sulfate	lb	0.12
Fert 10-34-0	cwt	16.00	CottonQuik	pt	3.59
Fert 11-37-0	cwt	17.00	Def 6	pt	7.14
Fert 41-0-0-4	cwt	21.25	Def/Folex	pt	7.15
Phosphorus(46% P2O5)	cwt	14.00	Defol 3	gal	3.04
Potash (60% K2O)	cwt	13.00	Defol 5	gal	3.12
Sulfur 90%	lb	0.20	Defol 6	gal	4.80
Sulfur Plus	pt	1.24	Dropp 50 WP	lb	44.00
UAN (32% N)	cwt	12.00	Dropp SC	oz	2.67
UAN + Sulfur (28% N)	cwt	12.00	ET	pt	44.13
Urea, Solid (46% N)	cwt	17.00	Ethephon 6E	pt	5.22
Zinc Sulfate 31%	lb	0.65	Finish 6	pt	9.40
FUNGICIDES			Folex 6EC	pt	7.16
Abound	pt	31.49	Freefall SC	oz	2.32
Apron Maxx RTA	oz	0.80	Ginstar EC	pt	27.59
Apron XL	oz	5.78	Gramoxone Inteon	oz	0.23
Apron XL LS	oz	7.27	Gramoxone Max	pt	5.09
Bravo Weather Stick	pt	5.57	Harvade 5F	oz	0.60
Captan 50 WP	lb	3.41	Leafless	pt	18.56
Cruiser 5FS	oz	17.38	Prep	pt	5.44
Dithane F-45	qt	3.63	Shed-a-leaf	gal	3.00
Dithane Rainshield	lb	2.46	Sodium Chlorate 3L	gal	3.04
Folicur 3.6	oz	2.19			(continued)
Fungicide	lb	2.30			

Appendix Table 4. Operating inputs: estimated prices, Mississippi, 2008 (continued)

ITEM NAME	UNIT	PRICE	ITEM NAME	UNIT	PRICE
		dollars			dollars
Sodium Chlorate 5L	gal	3.12	Direx 80 DF	lb	3.89
Sodium Chlorate 6L	gal	4.80	Diuron 4L	pt	2.22
TDZ SC	oz	2.07	Diuron 80 DF	lb	3.15
Thidiazuron 4lb	oz	2.43	Diuron 80%	lb	3.15
Thidiazuron 4SC	oz	2.66	Domain	lb	12.75
Tribufos 6lb	pt	7.15	DSMA 4	pt	0.87
HAULING			Dual II Magnum	pt	13.43
Haul Corn	bu	0.20	Dual Magnum	pt	12.64
Haul Cotton	lb	0.02	Duet	pt	3.54
Haul Peanuts	ton	14.50	Envoke	oz	75.62
Haul Rice	bu	0.22	Evik DF 80W	lb	6.78
Haul Sorghum	bu	0.20	Exceed	oz	10.71
Haul Soybeans	bu	0.20	Expert	pt	3.65
Haul Wheat	bu	0.20	Facet 75DF	lb	50.75
HERBICIDES			First Rate	oz	27.04
2,4-D Amine 4	pt	1.72	Flexstar HL	pt	12.88
2,4-D LV 4Ester	pt	1.93	FloMet 4L	pt	4.82
AAtrex 4L	pt	1.57	Fluometuron 4lb	pt	4.86
AAtrex NINE-O	lb	2.74	Frontier 6.0	oz	0.63
Accent Gold	oz	7.14	Fultime	pt	3.75
Accent SP	oz	31.60	Fusilade DX	oz	1.16
Aim 2EC	oz	5.82	Fusion	pt	19.84
Aim DF	oz	8.78	Glyfos	pt	2.26
Arrosolo	qt	7.50	Glyfos Xtra	pt	2.35
Arrow 2EC	pt	15.00	Glyphomax	pt	3.49
Assure II	oz	1.04	Glyphosate Plus 4L	pt	2.35
Atrazine 4L	pt	1.17	Glystar Plus	pt	2.35
Atrazine 90DF	lb	2.10	Goal 2XL	pt	10.54
Axiom 68DF	lb	22.02	Gramoxone Inteon	oz	0.23
Backdraft SL	pt	2.34	Gramoxone Max	pt	5.09
Banvel	pt	9.51	Grandstand R	qt	21.53
Basagran	pt	10.48	Guardzman Max	pt	5.50
Basis Gold	lb	18.87	Harmony Extra XP	oz	14.83
Beacon 75% WSP	oz	27.44	Hoelon 3EC	pt	9.71
Beyond	oz	4.10	Ignite 280	pt	6.32
Bicep II Magnum	qt	9.41	Karmex DF	lb	4.35
Blazer Ultra	pt	7.81	Lariat	qt	5.33
Bolero 8EC	pt	5.96	Lasso 4EC	qt	6.06
Boundary 7.5	pt	10.13	Lasso MT	qt	5.94
Buccaneer	pt	1.97	Layby Pro	qt	9.04
Buctril 4EC	pt	15.51	Lexar	pt	4.90
Butoxone 175(2,4-DB)	pt	2.70	Liberty	pt	8.76
Butoxone 200(2,4-DB)	pt	4.05	Lightning	oz	12.18
Butyrac 175 (2,4-DB)	pt	2.64	Linex 4L	pt	6.93
Butyrac 200 (2,4-DB)	pt	4.15	Londax 60DF	oz	11.25
Cadre DG Eco-Pak	oz	13.75	Lorox 50DF	lb	15.75
Callisto 4SC	oz	4.28	Me-Too-Lachlor	pt	5.36
Canopy 75%	oz	2.55	MSMA 6.6	pt	2.01
Canopy EX	oz	5.50	MSMA6 + Surfactant	pt	1.98
Canopy XL	oz	1.93	Newpath 2SL	oz	3.60
Caparol 4L	pt	3.99	Ordram 15-GM	lb	1.38
Celebrity Plus	lb	87.70	Ordram 8-E	pt	7.60
Clarity	pt	11.60	Osprey	oz	3.44
Classic	oz	13.26	Outlook	pt	18.47
Clearpath	lb	7.08	Parrlay	pt	8.13
Clincher SF	oz	1.68	Pendimax 3.3	pt	2.84
Cobra 2EC	oz	1.19	Permit 75 DF	oz	17.49
Command 3ME	pt	12.75	Poast 1.53	pt	8.46
Conclude XACT	pt	9.59	Poast Plus	pt	6.37
Cornerstone	pt	1.38	Prefix	pt	26.36
Cornerstone Plus	pt	1.44	Propimax EC	pt	37.07
Cotoran 4L	pt	4.90	Prowl 3.3 EC	pt	3.10
Cotoran DF	lb	8.05	Prowl H20	pt	3.80
Cotton Pro	pt	3.32	Pursuit DG	oz	11.34
Credit Extra	pt	2.34	Pursuit Plus EC	pt	6.33
Crossbow	pt	7.18	Python WDG	oz	9.35
Direx 4L	pt	2.29			(continued)

Appendix Table 4. Operating inputs: estimated prices, Mississippi, 2008 (continued)

ITEM NAME	UNIT	PRICE	ITEM NAME	UNIT	PRICE
		dollars			dollars
Raptor	oz	4.13	Couraze 2F	pt	47.67
Rascal Plus	pt	1.38	Curacron 8E	pt	9.66
Reflex 2LC	pt	12.55	Decis 1.5EC	oz	2.84
Regiment 80WP	oz	35.00	Declare	pt	3.67
Remedy	pt	12.17	Delta Gold	pt	40.50
Resource .86EC	pt	21.24	Denim 0.16 EC	pt	26.81
Ricestar	pt	15.45	Di-Syston 15G	lb	3.35
Ricestar HT	pt	17.55	Di-Syston 8	pt	13.10
Rifel	pt	10.38	Diamond .83EC	pt	16.75
Roundup Original	pt	4.56	Dimethoate 4E	pt	4.69
Roundup Original Max	oz	0.27	Dimilin 2L	oz	1.64
Roundup Ultra MAX	pt	5.97	Dipel DF	lb	10.56
Roundup Ultra Dry	lb	6.14	Dipel ES	pt	4.04
Roundup WeatherMax	oz	0.35	Discipline 2 EC	oz	1.90
Scepter 70 DG	oz	2.97	Force 3G	lb	4.54
Select 2EC	oz	1.35	Furadan 4F	pt	9.13
Sencor 4F	pt	10.13	Gaucha 480	oz	7.30
Sencor DF	lb	14.81	Incidental Pest Trt	acre	12.00
Sequence	pt	6.38	Intrepid 2F	oz	1.93
Stalwart	pt	6.88	Intruder 70WSP	oz	8.00
Stam 4E	qt	5.12	Karate EC	oz	1.70
Stam 80 EDF	lb	4.81	Karate Z	oz	3.10
Stam M4	qt	5.98	Lannate LV	pt	7.10
Staple	oz	18.97	Lannate SP	oz	1.41
Staple LX	oz	6.83	Larvin 3.2	oz	0.48
Steadfast	oz	22.36	Leverage 2.7	oz	3.00
Storm	pt	9.50	Lorsban 15G	lb	1.58
Strongarm	oz	43.04	Lorsban 4E	pt	4.40
Superwham	qt	6.56	Malathion 5E	pt	3.18
Suprend	lb	10.17	Malathion 8E	pt	4.68
Surpass 20G	lb	2.36	Malathion ULV	pt	4.93
Surpass EC	qt	19.06	Methyl Parathion	pt	4.26
Synchrony XP	oz	6.08	Monitor 4	pt	13.16
Touchdown 4 IQ	pt	3.33	Mustang Max	oz	1.63
Touchdown HiTech	qt	8.06	Orthene 90S	lb	8.85
Touchdown Total	qt	8.68	Orthene 97	lb	11.81
Treflan 4L	pt	2.75	PennCap-M	pt	11.37
Treflan HFP	pt	2.35	Pounce 25WP	lb	10.48
Treflan TR-10	lb	0.79	Prolex	oz	3.48
Trifluralin 4EC	pt	2.23	Provado 1.6F	oz	3.42
Valor SX	oz	4.32	Sevin 80S	lb	5.90
Whip 360	pt	22.99	Sevin XLR Plus	qt	8.14
Zorial Rapid 80DF	lb	13.95	Spintor 2SC	oz	4.71
INOCULANT			Steward	pt	22.28
Innoculant (Liquid)	pt	10.34	Temik 15G Grit	lb	3.20
Nitragin S	oz	0.25	Temik 15G Gypsum	lb	3.33
So-Fast Sterile Peat	oz	0.80	Thimet 20-G Lock N L	lb	2.67
INSECT SCOUTING			Thionex 3 EC	pt	3.47
Insect Scouting	acre	7.00	Thionex 50W	lb	7.99
INSECTICIDES			Tracer	oz	6.38
Acephate 90%	lb	7.68	Trimax	oz	4.13
Acephate 90SP	lb	6.50	Vydate C-LV	oz	0.56
Admire 2	oz	4.78	Warrior ZT	oz	2.16
Ammo 2.5 EC	oz	0.65	Zephyr	oz	4.48
Asana .66 XL	oz	0.71	IRRIGATION SUPPLIES		
Aztec 2.1% G	lb	2.32	Roll-Out Pipe	ft	0.20
Baythroid 2	oz	2.88	SEED/PLANTS		
Bidrin 8L	oz	0.84	Corn Seed Bt	thous	1.96
Brigade EC	pt	28.25	Corn Seed BtRR	thous	2.01
Brigade WSB	lb	19.89	Corn Seed Conv.	thous	1.55
Capture 2EC	oz	2.59	Corn Seed RR	thous	1.87
Carbine	oz	4.10	Cotton Seed BtRR	thous	0.46
Centric 40WG	oz	5.04	Cotton Seed BtRRF	thous	0.50
Comite	pt	7.06	Cotton Seed Conv.	thous	0.39
Comite 1l	pt	8.46	Cotton Seed Liberty	thous	0.62
Confirm 2F	oz	1.48	Cotton Seed RR	thous	0.36
Counter 15G	lb	2.21	Cotton Seed RRF	thous	0.39
Counter CR	lb	2.86	Peanut Seed	lb	0.57
Couraze 1.6F	pt	33.33			

(continued)

Appendix Table 4. Operating inputs: estimated prices, Mississippi, 2008 (continued)

ITEM NAME	UNIT	PRICE	ITEM NAME	UNIT	PRICE
		dollars			dollars
Rice Clearfield 161	lb	0.50	Survey & Mark Levees	acre	4.00
Rice Clearfield Hyb	lb	3.10	Survey & Mark Levees	acre	3.50
Rice Seed (Levees)	lb	0.26	TECHNOLOGY FEE		
Rice Seed CF(Levees)	lb	0.50	BG Cot Tech Fee	thous	0.28
Rice Seed CFH(Levee)	lb	3.10	BG Cot Tech Fee	cap/ac	19.50
Rice Seed Conv.	lb	0.26	BG II/RR Tech Fee	cap/ac	56.00
Sorghum Concept	lb	1.40	BG 11/RRF Tech Fee	thous	1.38
Sorghum Hybrid Sudax	lb	0.56	BG 11/RRF Tech Fee	cap/ac	64.00
Sorghum NonConcept	lb	1.18	BG/RR Cot Tech Fee	thous	1.09
Soybean Seed Private	lb	0.38	BG/RR Cot Tech Fee	cap/ac	49.00
Soybean Seed RR	lb	0.66	RR Cotton Tech Fee	thous	0.62
Soybean Seed Stack	lb	0.63	RR Cotton Tech Fee	cap/ac	29.00
Wheat Seed Private	lb	0.27	RRF Cotton Tech Fee	thous	0.88
SURVEY & MARK LEVEES			RRF Cotton Tech Fee	cap/ac	40.00

Appendix Table 5. Estimated fuel prices
and interest rates, Mississippi, 2008

ITEM NAME	UNIT	PRICE
dollars		
FUEL TYPES		
Diesel Fuel	gal	2.33
Electricity	kWh	0.14
Gasoline	gal	2.73
LP Gas	gal	1.88
INTEREST RATES		
Short-term	%	8.75
Intermediate-term	%	8.50

Appendix Table 6. Labor types, wage rates and unallocated labor
multipliers for crop enterprises, Mississippi, 2008

Item name	
LABOR TYPES	
	WAGE RATE (\$/HR)
OPERATOR LABOR	10.21
IRRIGATE LABOR	7.31
HAND LABOR	7.31
HAND. & STOR. LABOR	7.31
RICE MGT. LABOR	7.31
CROP ENTERPRISE	
	UNALLOCATED LABOR MULTIPLIERS (%)
Corn	90
Cotton	80
Grain Sorghum	90
Peanuts	80
Rice	90
Soybeans	90
Wheat	80

Appendix Table 7. Futures contract prices, basis levels, forward contract prices, and loan rates used in row crop budgets, Mississippi, 2008

	Unit	Futures Contract Month	Futures Contract Price ^a	Basis ^b	Forward Contract Price ^c	Loan Rate ^d	Budget Price ^e
Corn	bu	Dec '08	4.06	-0.2529	3.81	2.09	3.81
Cotton Lint	lb	Dec '08	0.739	-0.0232	0.716	0.524	0.716
Cotton Seed	lb						0.045 ^f
Grain Sorghum	bu				3.32	2.01	3.32
Peanuts	ton				475.00	355.00	475.00
Rice	bu	Sep '08	5.52	-0.3220	5.20	2.97	5.20
Soybeans	bu	Nov '08	9.59	-0.2510	9.34	5.14	9.34
Wheat	bu	Jul '08	6.60	-0.3616	6.24	2.62	6.24

^a Average of the futures contract month closings in October.

^b The basis is computed by subtracting the 2001-2007 average near futures contract month closings in October from the daily spot cash prices reported in October.

Sources: Arkansas Farm Bureau Commodity Report and Daily Grain Report, Mississippi Department of Ag-USDA Market News.

^c Forward contract price for cotton, soybeans, corn, wheat, and rice is the futures contract price plus the basis. Forward contract price for grain sorghum is the average contract bids reported in October in the Daily Grain Report, Mississippi Department of Ag-USDA Market News. The forward contract price for peanuts is estimated from a poll of industry peanut buyers.

^d Average Mississippi loan rate for the 2007 crop year for soybeans, corn, grain sorghum, and wheat. 2007 Mississippi base loan rate for Delta area for cotton. 2007 Mississippi loan rate for long grain rice. 2007 national average loan rate for peanuts.

^e Price used in the 2008 MAFES Planning Budgets.

^f Cottonseed price is the marketing year average price averaged over the years 2002-2006, Agricultural Prices Summary, USDA.

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