

**DELTA
2008
PLANNING BUDGETS**

**Mississippi State University
Department of Agricultural Economics
Budget Report 2007-05**

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.

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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. The Mississippi Agricultural Statistics Service conducts a survey of producers of major field crops in Mississippi. Data collected from producers are a part of the information used in selecting the practices included in each budget.

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 survey data from producers and/or 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 crop yields that may be expected for a particular production system in a given year. Crop yields used in the budgets are representative of historical yields modified to match the production system used to produce the yield. All yields including conventional, no-tillage, irrigation, and double-cropping are tempered with unpublished research and judgments of the commodity committees. 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. Commodity prices used in this report represent the higher of a calculated forward contract price or the loan rate that was applicable for the 2007 crop year. Government payments for commodities are not included in the budgets except to the extent that they are included in loan rates.

The futures price for an appropriate contract month is determined by averaging the closing prices for the month of October. The basis is determined by subtracting the average daily cash price for the month of October from the average daily closing price of the near contract month. These average futures prices and the basis adjustments are presented in Appendix Table 7.

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.

Irrigation Costs

Estimated costs of various irrigation systems are presented in Appendix Tables 8 through 17. A dryland crop budget may be converted to an irrigated crop budget by adding the appropriate direct and fixed costs to the costs of the dryland crop. Also, adjustments in crop yields and other costs may be required with the addition of supplemental irrigation.

Enterprise Budgets

Table 1.A Estimated costs per acre
 Cotton, 8R-38" solid, conservation tillage
 BtRR variety, Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	4.50	2.0000	9.00	_____
App by Air (3 gal)	appl	3.50	3.5000	12.25	_____
HARVEST AIDS					
Thidiazuron 4lb	oz	2.43	2.0000	4.86	_____
Ethephon 6E	pt	5.22	1.3300	6.94	_____
Tribufos 6lb	pt	7.15	0.5000	3.58	_____
GINNING					
Gin & Haul	lb	0.09	900.0000	81.00	_____
FERTILIZERS					
Potash (60% K2O)	cwt	13.00	1.5000	19.50	_____
UAN (32% N)	cwt	12.00	4.0000	48.00	_____
HERBICIDES					
Clarity	pt	11.60	0.5000	5.80	_____
Glyphosate Plus 4L	pt	2.35	3.4375	8.08	_____
Dual II Magnum	pt	13.43	1.0000	13.43	_____
Diuron 80%	lb	3.15	1.0000	3.15	_____
INSECTICIDES					
Temik 15G Gypsum	lb	3.33	3.5000	11.66	_____
Acephate 90%	lb	7.68	1.5200	11.67	_____
Centric 40WG	oz	5.04	2.0000	10.08	_____
Karate Z	oz	3.10	2.0000	6.20	_____
Bidrin 8L	oz	0.84	8.0000	6.72	_____
Incidental Pest Trt	acre	12.00	0.5000	6.00	_____
SEED/PLANTS					
Cotton Seed BtRR	thous	0.46	52.5000	24.15	_____
TECHNOLOGY FEE					
BG/RR Cot Tech Fee	cap/ac	49.00	1.0000	49.00	_____
GROWTH REGULATORS					
Mepiquat Chloride	oz	0.47	12.0000	5.64	_____
CUSTOM FERTILIZE					
Custom Apply Fert	acre	5.00	1.0000	5.00	_____
ERADICATION FEE					
Eradiation Fee	acre	5.50	1.0000	5.50	_____
INSECT SCOUTING					
Insect Scouting	acre	7.00	1.0000	7.00	_____
CUSTOM LIME					
Lime (Spread)	ton	40.00	0.5000	20.00	_____
OPERATOR LABOR					
Tractors	hour	10.21	1.1322	11.54	_____
Self-Propelled	hour	10.21	0.3106	3.17	_____
HAND LABOR					
Implements	hour	7.31	0.4491	3.27	_____
Self-Propelled	hour	7.31	0.2842	2.06	_____
UNALLOCATED LABOR	hour	10.20	1.1543	11.78	_____
DIESEL FUEL					
Tractors	gal	2.33	11.0733	25.79	_____
Self-Propelled	gal	2.33	5.1885	12.08	_____
REPAIR & MAINTENANCE					
Implements	acre	8.77	1.0000	8.77	_____
Tractors	acre	4.22	1.0000	4.22	_____
Self-Propelled	acre	13.01	1.0000	13.01	_____
INTEREST ON OP. CAP.	acre	15.82	1.0000	15.82	_____
TOTAL DIRECT EXPENSES				495.72	_____
FIXED EXPENSES					
Implements	acre	18.66	1.0000	18.66	_____
Tractors	acre	32.68	1.0000	32.68	_____
Self-Propelled	acre	63.59	1.0000	63.59	_____
TOTAL FIXED EXPENSES				114.93	_____
TOTAL SPECIFIED EXPENSES				610.65	_____

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 1.B Summary of estimated costs and returns per acre
 Cotton, 8R-38" solid, conservation tillage
 BtRR variety, Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.71	900.0000	644.40	_____
Cotton Seed	lb	0.04	1350.0000	60.75	_____

TOTAL INCOME				705.15	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	21.25	1.0000	21.25	_____
HARVEST AIDS	acre	15.38	1.0000	15.38	_____
GINNING	acre	81.00	1.0000	81.00	_____
FERTILIZERS	acre	67.50	1.0000	67.50	_____
HERBICIDES	acre	30.46	1.0000	30.46	_____
INSECTICIDES	acre	52.33	1.0000	52.33	_____
SEED/PLANTS	acre	24.15	1.0000	24.15	_____
TECHNOLOGY FEE	acre	49.00	1.0000	49.00	_____
GROWTH REGULATORS	acre	5.64	1.0000	5.64	_____
CUSTOM FERTILIZE	acre	5.00	1.0000	5.00	_____
ERADICATION FEE	acre	5.50	1.0000	5.50	_____
INSECT SCOUTING	acre	7.00	1.0000	7.00	_____
CUSTOM LIME	acre	20.00	1.0000	20.00	_____
HAND LABOR	hour	7.31	0.7333	5.33	_____
OPERATOR LABOR	hour	10.21	1.4429	14.71	_____
UNALLOCATED LABOR	hour	10.20	1.1543	11.78	_____
DIESEL FUEL	gal	2.33	16.2618	37.87	_____
REPAIR & MAINTENANCE	acre	26.00	1.0000	26.00	_____
INTEREST ON OP. CAP.	acre	15.82	1.0000	15.82	_____

TOTAL DIRECT EXPENSES				495.72	_____
RETURNS ABOVE DIRECT EXPENSES				209.43	_____

TOTAL FIXED EXPENSES				114.93	_____

TOTAL SPECIFIED EXPENSES				610.65	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				94.50	_____

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 1.C Estimated resource use for field operations, per acre
 Cotton, 8R-38" solid, conservation tillage
 BtRR variety, Delta Area, 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-----										
Lime (Spread)	ton			0.25	Nov	0.5000				
Paratill & Bed Fold.	8R-38	MFWD 190	0.080	1.00	Nov		0.08	0.08	0.08	0.06
App by Air (5 gal)	appl			1.00	Mar	1.0000				
Clarity	pt					0.5000				
Glyphosate Plus 4L	pt					1.3750				
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	0.50	Mar		0.03	0.03	0.03	0.02
Custom Apply Fert	acre			1.00	Mar	1.0000				
Potash (60% K2O)	cwt					1.5000				
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr		0.07	0.07	0.11	0.06
UAN (32% N)	cwt					2.0000				
Row Cond (Plant)Rdg	26'	MFWD 190	0.078	1.00	May		0.07	0.07	0.07	0.06
Plant & Pre-Rigid	8R-38	MFWD 190	0.080	1.00	May		0.08	0.08	0.16	0.06
Cotton Seed BtRR	thous					52.5000				
BG/RR Cot Tech Fee	cap/ac					1.0000				
Temik 15G Gypsum	lb					3.5000				
Insect Scouting	acre			1.00	May	1.0000				
Eradication Fee	acre					1.0000				
Sprayer(600-750Gal)	60'		0.017	1.00	May			0.01	0.02	0.01
Dual II Magnum	pt					1.0000				
Glyphosate Plus 4L	pt					1.3750				
Acephate 90%	lb					0.2200				
Sprayer(600-750Gal)	60'		0.017	0.50	May			0.00	0.01	0.00
Glyphosate Plus 4L	pt					0.6875				
Sprayer(600-750Gal)	60'		0.017	1.00	Jun			0.01	0.02	0.01
Centric 40WG	oz					2.0000				
Mepiquat Chloride	oz					6.0000				
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Jun		0.07	0.07	0.11	0.06
UAN (32% N)	cwt					2.0000				
Spray (Direct/Layby)	8R-38	MFWD 190	0.066	1.00	Jul		0.06	0.06	0.10	0.05
Diuron 80%	lb					1.0000				
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Acephate 90%	lb					0.5500				
Mepiquat Chloride	oz					6.0000				
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Karate Z	oz					2.0000				
Bidrin 8L	oz					8.0000				
Incidental Pest				0.50	Jul					
App by Air (3 gal)	appl					0.5000				
Incidental Pest Trt	acre					0.5000				
App by Air (3 gal)	appl			1.00	Aug	1.0000				
Acephate 90%	lb					0.7500				
App by Air (5 gal)	appl			1.00	Sep	1.0000				
Thidiazuron 4lb	oz					2.0000				
Ethephon 6E	pt					1.3300				
Sprayer(600-750Gal)	60'		0.017	0.50	Sep			0.00	0.01	0.00
Tribufos 6lb	pt					0.5000				
Cotton Picker-1st-BB	4R-38(350)		0.257	1.00	Oct			0.25	0.51	0.20
Boll Buggy-1st pick	4R-38(325)	MFWD 190	0.257	1.00	Oct		0.25	0.25	0.25	0.20
Module Builder-1st	4R-38(325)	MFWD 190	0.257	1.00	Oct		0.25	0.25	0.51	0.20
Gin & Haul	lb			1.00	Oct	900.0000				
Stalk Shredder	14'	MFWD 190	0.117	1.00	Oct		0.11	0.11	0.11	0.09
TOTALS							1.44	1.13	2.17	1.15

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 1.D Estimated costs for field operations, per acre
 Cotton, 8R-38" solid, conservation tillage
 BtRR variety, Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST	
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL			
-----dollars-----											
Lime (Spread)	ton	20.00						1.75	21.75		21.75
Paratill & Bed Fold.	8R-38		1.84	1.20	1.48			0.40	4.92	4.34	9.26
App by Air (5 gal)	appl	4.50						0.26	4.76		4.76
Clarity	pt	5.80						0.34	6.14		6.14
Glyphosate Plus 4L	pt	3.23						0.19	3.42		3.42
Disk Bed (Hipper)Rdg	8R-38		0.84	0.27	0.68			0.10	1.89	1.50	3.39
Custom Apply Fert	acre	5.00						0.29	5.29		5.29
Potash (60% K2O)	cwt	19.50						1.14	20.64		20.64
Fert Appl (Liquid)	8R-38		1.77	1.02	1.70			0.23	4.72	3.26	7.98
UAN (32% N)	cwt	24.00						1.23	25.23		25.23
Row Cond (Plant)Rdg	26'		1.79	0.48	1.44			0.16	3.87	3.25	7.12
Plant & Pre-Rigid	8R-38		1.83	1.16	2.07			0.22	5.28	4.39	9.67
Cotton Seed BtRR	thous	24.15						1.06	25.21		25.21
BG/RR Cot Tech Fee	cap/ac	49.00						2.14	51.14		51.14
Temik 15G Gypsum	lb	11.66						0.51	12.17		12.17
Insect Scouting	acre	7.00						0.31	7.31		7.31
Eradication Fee	acre	5.50						0.24	5.74		5.74
Sprayer(600-750Gal)	60'		0.42	0.13	0.38			0.04	0.97	1.04	2.01
Dual II Magnum	pt	13.43						0.59	14.02		14.02
Glyphosate Plus 4L	pt	3.23						0.14	3.37		3.37
Acephate 90%	lb	1.69						0.07	1.76		1.76
Sprayer(600-750Gal)	60'		0.21	0.06	0.19			0.02	0.48	0.52	1.00
Glyphosate Plus 4L	pt	1.62						0.07	1.69		1.69
Sprayer(600-750Gal)	60'		0.42	0.13	0.38			0.03	0.96	1.04	2.00
Centric 40WG	oz	10.08						0.37	10.45		10.45
Mepiquat Chloride	oz	2.82						0.10	2.92		2.92
Fert Appl (Liquid)	8R-38		1.77	1.02	1.70			0.16	4.65	3.26	7.91
UAN (32% N)	cwt	24.00						0.88	24.88		24.88
Spray (Direct/Layby)	8R-38		1.52	0.57	1.47			0.10	3.66	2.41	6.07
Diuron 80%	lb	3.15						0.09	3.24		3.24
App by Air (3 gal)	appl	3.50						0.10	3.60		3.60
Acephate 90%	lb	4.22						0.12	4.34		4.34
Mepiquat Chloride	oz	2.82						0.08	2.90		2.90
App by Air (3 gal)	appl	3.50						0.10	3.60		3.60
Karate Z	oz	6.20						0.18	6.38		6.38
Bidrin 8L	oz	6.72						0.20	6.92		6.92
Incidental Pest											
App by Air (3 gal)	appl	1.75						0.05	1.80		1.80
Incidental Pest Trt	acre	6.00						0.18	6.18		6.18
App by Air (3 gal)	appl	3.50						0.08	3.58		3.58
Acephate 90%	lb	5.76						0.13	5.89		5.89
App by Air (5 gal)	appl	4.50						0.07	4.57		4.57
Thidiazuron 4lb	oz	4.86						0.07	4.93		4.93
Ethephon 6E	pt	6.94						0.10	7.04		7.04
Sprayer(600-750Gal)	60'		0.21	0.06	0.19			0.01	0.47	0.52	0.99
Tribufos 6lb	pt	3.58						0.05	3.63		3.63
Cotton Picker-1st-BB	4R-38(350)		10.82	12.63	6.62			0.22	30.29	60.47	90.76
Boll Buggy-1st pick	4R-38(325)		5.87	2.63	4.74			0.10	13.34	11.74	25.08
Module Builder-1st	4R-38(325)		5.87	3.11	6.62			0.11	15.71	12.97	28.68
Gin & Haul	lb	81.00						0.59	81.59		81.59
Stalk Shredder	14'		2.69	1.53	2.16			0.05	6.43	4.22	10.65
TOTALS		384.21	37.87	26.00	31.82	0.00	15.82	495.72	114.93	610.65	

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 1.E Estimated monthly income and expense flows per acre
 Cotton, 8R-38" solid, conservation tillage
 BtRR variety, Delta Area, Mississippi, 2008

ITEM	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
-----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	705.15
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	4.50	0.00	0.00	0.00	8.75	3.50	4.50	0.00
HARVEST AIDS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.38	0.00
GINNING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	81.00
FERTILIZERS	0.00	0.00	0.00	0.00	19.50	24.00	0.00	24.00	0.00	0.00	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	9.03	0.00	18.28	0.00	3.15	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	13.35	10.08	23.14	5.76	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	24.15	0.00	0.00	0.00	0.00	0.00
TECHNOLOGY FEE	0.00	0.00	0.00	0.00	0.00	0.00	49.00	0.00	0.00	0.00	0.00	0.00
GROWTH REGULATORS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.82	2.82	0.00	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ERADICATION FEE	0.00	0.00	0.00	0.00	0.00	0.00	5.50	0.00	0.00	0.00	0.00	0.00
INSECT SCOUTING	0.00	0.00	0.00	0.00	0.00	0.00	7.00	0.00	0.00	0.00	0.00	0.00
CUSTOM LIME	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LABOR	1.48	0.00	0.00	0.00	0.68	1.70	4.08	2.08	1.47	0.00	0.19	20.14
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	1.84	0.00	0.00	0.00	0.84	1.77	4.25	2.19	1.52	0.00	0.21	25.25
REPAIR & MAINTENANCE	1.20	0.00	0.00	0.00	0.27	1.02	1.83	1.15	0.57	0.00	0.06	19.90
INTEREST ON OP. CAP.	2.15	0.00	0.00	0.00	2.32	1.46	5.57	1.54	1.20	0.21	0.30	1.07
TOTAL DIRECT EXPENSES	26.67	0.00	0.00	0.00	42.14	29.95	133.01	43.86	42.62	9.47	20.64	147.36
NET INCOME	-26.67	0.00	0.00	0.00	-42.14	-29.95	-133.01	-43.86	-42.62	-9.47	-20.64	557.79
NET INCOME TO DATE	-26.67	-26.67	-26.67	-26.67	-68.81	-98.76	-231.77	-275.63	-318.25	-327.72	-348.36	209.43

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

Fertilization decisions should be based on soil tests.

* Lease costs are based on hourly usage costs.

Table 1.F Estimated returns for various price/yield combinations, per acre
 Cotton, 8R-38" solid, conservation tillage
 BtRR variety, Delta Area, Mississippi, 2008

PRODUCT			-----PERCENT-----										
			75	80	85	90	95	100	105	110	115	120	125
Cotton Lint			-----PRODUCT PRICE-----										
			0.53	0.57	0.60	0.64	0.68	0.71	0.75	0.78	0.82	0.85	0.89
PERCENT	YIELD	UNIT	-----dollars-----										
50	450.00	lb	-152	-136	-120	-104	-88	-71	-55	-39	-23	-7	8
			-267	-251	-235	-219	-203	-186	-170	-154	-138	-122	-106
60	540.00	lb	-112	-93	-73	-54	-35	-15	3	22	42	61	80
			-227	-207	-188	-169	-149	-130	-111	-91	-72	-53	-33
70	630.00	lb	-72	-49	-27	-4	18	40	63	85	108	130	153
			-187	-164	-142	-119	-96	-74	-51	-29	-6	15	38
80	720.00	lb	-32	-6	19	45	71	96	122	148	174	199	225
			-146	-121	-95	-69	-43	-18	7	33	59	85	110
90	810.00	lb	8	37	66	95	124	153	182	211	240	269	298
			-106	-77	-48	-19	9	38	67	96	125	154	183
100	900.00	lb	48	80	112	144	177	209	241	273	306	338	370
			-66	-34	-2	30	62	94	126	158	191	223	255
110	990.00	lb	88	123	159	194	230	265	301	336	372	407	442
			-26	9	44	79	115	150	186	221	257	292	327
120	1080.00	lb	128	167	206	244	283	321	360	399	437	476	515
			13	52	91	129	168	207	245	284	323	361	400
130	1170.00	lb	168	210	252	294	336	378	420	462	503	545	587
			53	95	137	179	221	263	305	347	389	430	472
140	1260.00	lb	209	254	299	344	389	434	479	524	569	614	660
			94	139	184	229	274	319	364	409	454	500	545
150	1350.00	lb	249	297	345	394	442	490	539	587	635	684	732
			134	182	230	279	327	375	424	472	520	569	617

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
 Cotton, 8R-38" solid, conservation tillage
 BGII/Flex variety, Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	4.50	2.0000	9.00	_____
App by Air (3 gal)	appl	3.50	3.2500	11.38	_____
HARVEST AIDS					
Thidiazuron 4lb	oz	2.43	2.0000	4.86	_____
Ethephon 6E	pt	5.22	1.3300	6.94	_____
Tribufos 6lb	pt	7.15	0.5000	3.58	_____
GINNING					
Gin & Haul	lb	0.09	900.0000	81.00	_____
FERTILIZERS					
Potash (60% K2O)	cwt	13.00	1.5000	19.50	_____
UAN (32% N)	cwt	12.00	4.0000	48.00	_____
HERBICIDES					
Clarity	pt	11.60	0.5000	5.80	_____
Glyphosate Plus 4L	pt	2.35	5.5000	12.93	_____
Dual II Magnum	pt	13.43	1.0000	13.43	_____
Diuron 80%	lb	3.15	1.0000	3.15	_____
INSECTICIDES					
Temik 15G Gypsum	lb	3.33	3.5000	11.66	_____
Acephate 90%	lb	7.68	1.5200	11.67	_____
Centric 40WG	oz	5.04	2.0000	10.08	_____
Karate Z	oz	3.10	0.5000	1.55	_____
Bidrin 8L	oz	0.84	2.0000	1.68	_____
Incidental Pest Trt	acre	12.00	1.0000	12.00	_____
SEED/PLANTS					
Cotton Seed BtRR	thous	0.46	52.5000	24.15	_____
TECHNOLOGY FEE					
BG/RR Cot Tech Fee	cap/ac	49.00	1.0000	49.00	_____
GROWTH REGULATORS					
Mepiquat Chloride	oz	0.47	12.0000	5.64	_____
CUSTOM FERTILIZE					
Custom Apply Fert	acre	5.00	1.0000	5.00	_____
ERADICATION FEE					
Eradiation Fee	acre	5.50	1.0000	5.50	_____
INSECT SCOUTING					
Insect Scouting	acre	7.00	1.0000	7.00	_____
CUSTOM LIME					
Lime (Spread)	ton	40.00	0.5000	20.00	_____
OPERATOR LABOR					
Tractors	hour	10.21	1.1322	11.54	_____
Self-Propelled	hour	10.21	0.3194	3.26	_____
HAND LABOR					
Implements	hour	7.31	0.4491	3.27	_____
Self-Propelled	hour	7.31	0.2886	2.09	_____
UNALLOCATED LABOR	hour	10.20	1.1614	11.85	_____
DIESEL FUEL					
Tractors	gal	2.33	11.0733	25.79	_____
Self-Propelled	gal	2.33	5.2792	12.29	_____
REPAIR & MAINTENANCE					
Implements	acre	8.77	1.0000	8.77	_____
Tractors	acre	4.22	1.0000	4.22	_____
Self-Propelled	acre	13.08	1.0000	13.08	_____
INTEREST ON OP. CAP.	acre	15.90	1.0000	15.90	_____
TOTAL DIRECT EXPENSES				496.55	_____
FIXED EXPENSES					
Implements	acre	18.66	1.0000	18.66	_____
Tractors	acre	32.68	1.0000	32.68	_____
Self-Propelled	acre	64.11	1.0000	64.11	_____
TOTAL FIXED EXPENSES				115.45	_____
TOTAL SPECIFIED EXPENSES				612.00	_____

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 2.B Summary of estimated costs and returns per acre
 Cotton, 8R-38" solid, conservation tillage
 BGII/Flex variety, Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.71	900.0000	644.40	_____
Cotton Seed	lb	0.04	1350.0000	60.75	_____

TOTAL INCOME				705.15	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	20.38	1.0000	20.38	_____
HARVEST AIDS	acre	15.38	1.0000	15.38	_____
GINNING	acre	81.00	1.0000	81.00	_____
FERTILIZERS	acre	67.50	1.0000	67.50	_____
HERBICIDES	acre	35.30	1.0000	35.30	_____
INSECTICIDES	acre	48.64	1.0000	48.64	_____
SEED/PLANTS	acre	24.15	1.0000	24.15	_____
TECHNOLOGY FEE	acre	49.00	1.0000	49.00	_____
GROWTH REGULATORS	acre	5.64	1.0000	5.64	_____
CUSTOM FERTILIZE	acre	5.00	1.0000	5.00	_____
ERADICATION FEE	acre	5.50	1.0000	5.50	_____
INSECT SCOUTING	acre	7.00	1.0000	7.00	_____
CUSTOM LIME	acre	20.00	1.0000	20.00	_____
HAND LABOR	hour	7.31	0.7377	5.36	_____
OPERATOR LABOR	hour	10.21	1.4517	14.80	_____
UNALLOCATED LABOR	hour	10.20	1.1614	11.85	_____
DIESEL FUEL	gal	2.33	16.3525	38.08	_____
REPAIR & MAINTENANCE	acre	26.07	1.0000	26.07	_____
INTEREST ON OP. CAP.	acre	15.90	1.0000	15.90	_____

TOTAL DIRECT EXPENSES				496.55	_____
RETURNS ABOVE DIRECT EXPENSES				208.60	_____

TOTAL FIXED EXPENSES				115.45	_____

TOTAL SPECIFIED EXPENSES				612.00	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				93.15	_____

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 2.C Estimated resource use for field operations, per acre
 Cotton, 8R-38" solid, conservation tillage
 BGII/Flex variety, Delta Area, 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-----										
Lime (Spread)	ton			0.25	Nov	0.5000				
Paratill & Bed Fold.	8R-38	MFWD 190	0.080	1.00	Nov		0.08	0.08	0.08	0.06
App by Air (5 gal)	appl			1.00	Mar	1.0000				
Clarity	pt					0.5000				
Glyphosate Plus 4L	pt					1.3750				
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	0.50	Mar		0.03	0.03	0.03	0.02
Custom Apply Fert	acre			1.00	Mar	1.0000				
Potash (60% K2O)	cwt					1.5000				
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr		0.07	0.07	0.11	0.06
UAN (32% N)	cwt					2.0000				
Row Cond (Plant)Rdg	26'	MFWD 190	0.078	1.00	May		0.07	0.07	0.07	0.06
Plant & Pre-Rigid	8R-38	MFWD 190	0.080	1.00	May		0.08	0.08	0.16	0.06
Cotton Seed BtRR	thous					52.5000				
BG/RR Cot Tech Fee	cap/ac					1.0000				
Temik 15G Gypsum	lb					3.5000				
Insect Scouting	acre			1.00	May	1.0000				
Eradication Fee	acre					1.0000				
Sprayer(600-750Gal)	60'		0.017	1.00	May			0.01	0.02	0.01
Dual II Magnum	pt					1.0000				
Glyphosate Plus 4L	pt					1.3750				
Acephate 90%	lb					0.2200				
Sprayer(600-750Gal)	60'		0.017	1.00	May			0.01	0.02	0.01
Glyphosate Plus 4L	pt					1.3750				
Sprayer(600-750Gal)	60'		0.017	1.00	Jun			0.01	0.02	0.01
Centric 40WG	oz					2.0000				
Mepiquat Chloride	oz					6.0000				
Glyphosate Plus 4L	pt					1.3750				
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Jun		0.07	0.07	0.11	0.06
UAN (32% N)	cwt					2.0000				
Spray (Direct/Layby)	8R-38	MFWD 190	0.066	1.00	Jul		0.06	0.06	0.10	0.05
Diuron 80%	lb					1.0000				
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Acephate 90%	lb					0.5500				
Mepiquat Chloride	oz					6.0000				
App by Air (3 gal)	appl			0.25	Jul	0.2500				
Karate Z	oz					0.5000				
Bidrin 8L	oz					2.0000				
Incidental Pest				1.00	Jul					
App by Air (3 gal)	appl					1.0000				
Incidental Pest Trt	acre					1.0000				
App by Air (3 gal)	appl			1.00	Aug	1.0000				
Acephate 90%	lb					0.7500				
App by Air (5 gal)	appl			1.00	Sep	1.0000				
Thidiazuron 4lb	oz					2.0000				
Ethephon 6E	pt					1.3300				
Sprayer(600-750Gal)	60'		0.017	0.50	Sep			0.00	0.01	0.00
Tribufos 6lb	pt					0.5000				
Cotton Picker-1st-BB	4R-38(350)		0.257	1.00	Oct			0.25	0.51	0.20
Boll Buggy-1st pick	4R-38(325)	MFWD 190	0.257	1.00	Oct		0.25	0.25	0.25	0.20
Module Builder-1st	4R-38(325)	MFWD 190	0.257	1.00	Oct		0.25	0.25	0.51	0.20
Gin & Haul	lb			1.00	Oct	900.0000				
Stalk Shredder	14'	MFWD 190	0.117	1.00	Oct		0.11	0.11	0.11	0.09
TOTALS							1.45	1.13	2.18	1.16

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 2.D Estimated costs for field operations, per acre
Cotton, 8R-38" solid, conservation tillage
BGII/Flex variety, Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST	
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL			
-----dollars-----											
Lime (Spread)	ton	20.00						1.75	21.75		21.75
Paratill & Bed Fold.	8R-38		1.84	1.20	1.48			0.40	4.92	4.34	9.26
App by Air (5 gal)	appl	4.50						0.26	4.76		4.76
Clarity	pt	5.80						0.34	6.14		6.14
Glyphosate Plus 4L	pt	3.23						0.19	3.42		3.42
Disk Bed (Hipper)Rdg	8R-38		0.84	0.27	0.68			0.10	1.89	1.50	3.39
Custom Apply Fert	acre	5.00						0.29	5.29		5.29
Potash (60% K2O)	cwt	19.50						1.14	20.64		20.64
Fert Appl (Liquid)	8R-38		1.77	1.02	1.70			0.23	4.72	3.26	7.98
UAN (32% N)	cwt	24.00						1.23	25.23		25.23
Row Cond (Plant)Rdg	26'		1.79	0.48	1.44			0.16	3.87	3.25	7.12
Plant & Pre-Rigid	8R-38		1.83	1.16	2.07			0.22	5.28	4.39	9.67
Cotton Seed BtRR	thous	24.15						1.06	25.21		25.21
BG/RR Cot Tech Fee	cap/ac	49.00						2.14	51.14		51.14
Temik 15G Gypsum	lb	11.66						0.51	12.17		12.17
Insect Scouting	acre	7.00						0.31	7.31		7.31
Eradication Fee	acre	5.50						0.24	5.74		5.74
Sprayer(600-750Gal)	60'		0.42	0.13	0.38			0.04	0.97	1.04	2.01
Dual II Magnum	pt	13.43						0.59	14.02		14.02
Glyphosate Plus 4L	pt	3.23						0.14	3.37		3.37
Acephate 90%	lb	1.69						0.07	1.76		1.76
Sprayer(600-750Gal)	60'		0.42	0.13	0.38			0.04	0.97	1.04	2.01
Glyphosate Plus 4L	pt	3.23						0.14	3.37		3.37
Sprayer(600-750Gal)	60'		0.42	0.13	0.38			0.03	0.96	1.04	2.00
Centric 40WG	oz	10.08						0.37	10.45		10.45
Mepiquat Chloride	oz	2.82						0.10	2.92		2.92
Glyphosate Plus 4L	pt	3.23						0.12	3.35		3.35
Fert Appl (Liquid)	8R-38		1.77	1.02	1.70			0.16	4.65	3.26	7.91
UAN (32% N)	cwt	24.00						0.88	24.88		24.88
Spray (Direct/Layby)	8R-38		1.52	0.57	1.47			0.10	3.66	2.41	6.07
Diuron 80%	lb	3.15						0.09	3.24		3.24
App by Air (3 gal)	appl	3.50						0.10	3.60		3.60
Acephate 90%	lb	4.22						0.12	4.34		4.34
Mepiquat Chloride	oz	2.82						0.08	2.90		2.90
App by Air (3 gal)	appl	0.88						0.03	0.91		0.91
Karate Z	oz	1.55						0.05	1.60		1.60
Bidrin 8L	oz	1.68						0.05	1.73		1.73
Incidental Pest											
App by Air (3 gal)	appl	3.50						0.10	3.60		3.60
Incidental Pest Trt	acre	12.00						0.35	12.35		12.35
App by Air (3 gal)	appl	3.50						0.08	3.58		3.58
Acephate 90%	lb	5.76						0.13	5.89		5.89
App by Air (5 gal)	appl	4.50						0.07	4.57		4.57
Thidiazuron 4lb	oz	4.86						0.07	4.93		4.93
Ethephon 6E	pt	6.94						0.10	7.04		7.04
Sprayer(600-750Gal)	60'		0.21	0.06	0.19			0.01	0.47	0.52	0.99
Tribufos 6lb	pt	3.58						0.05	3.63		3.63
Cotton Picker-1st-BB	4R-38(350)		10.82	12.63	6.62			0.22	30.29	60.47	90.76
Boll Buggy-1st pick	4R-38(325)		5.87	2.63	4.74			0.10	13.34	11.74	25.08
Module Builder-1st	4R-38(325)		5.87	3.11	6.62			0.11	15.71	12.97	28.68
Gin & Haul	lb	81.00						0.59	81.59		81.59
Stalk Shredder	14'		2.69	1.53	2.16			0.05	6.43	4.22	10.65
TOTALS			384.49	38.08	26.07	32.01	0.00	15.90	496.55	115.45	612.00

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

Fertilization decisions should be based on soil tests.

Table 2.E Estimated monthly income and expense flows per acre
 Cotton, 8R-38" solid, conservation tillage
 BGII/Flex variety, Delta Area, Mississippi, 2008

ITEM	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
-----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	705.15
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	4.50	0.00	0.00	0.00	7.88	3.50	4.50	0.00
HARVEST AIDS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.38	0.00
GINNING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	81.00
FERTILIZERS	0.00	0.00	0.00	0.00	19.50	24.00	0.00	24.00	0.00	0.00	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	9.03	0.00	19.89	3.23	3.15	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	13.35	10.08	19.45	5.76	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	24.15	0.00	0.00	0.00	0.00	0.00
TECHNOLOGY FEE	0.00	0.00	0.00	0.00	0.00	0.00	49.00	0.00	0.00	0.00	0.00	0.00
GROWTH REGULATORS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.82	2.82	0.00	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ERADICATION FEE	0.00	0.00	0.00	0.00	0.00	0.00	5.50	0.00	0.00	0.00	0.00	0.00
INSECT SCOUTING	0.00	0.00	0.00	0.00	0.00	0.00	7.00	0.00	0.00	0.00	0.00	0.00
CUSTOM LIME	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LABOR	1.48	0.00	0.00	0.00	0.68	1.70	4.27	2.08	1.47	0.00	0.19	20.14
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	1.84	0.00	0.00	0.00	0.84	1.77	4.46	2.19	1.52	0.00	0.21	25.25
REPAIR & MAINTENANCE	1.20	0.00	0.00	0.00	0.27	1.02	1.90	1.15	0.57	0.00	0.06	19.90
INTEREST ON OP. CAP.	2.15	0.00	0.00	0.00	2.32	1.46	5.66	1.66	1.07	0.21	0.30	1.07
TOTAL DIRECT EXPENSES	26.67	0.00	0.00	0.00	42.14	29.95	135.18	47.21	37.93	9.47	20.64	147.36
NET INCOME	-26.67	0.00	0.00	0.00	-42.14	-29.95	-135.18	-47.21	-37.93	-9.47	-20.64	557.79
NET INCOME TO DATE	-26.67	-26.67	-26.67	-26.67	-68.81	-98.76	-233.94	-281.15	-319.08	-328.55	-349.19	208.60

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

Fertilization decisions should be based on soil tests.

* Lease costs are based on hourly usage costs.

Table 2.F Estimated returns for various price/yield combinations, per acre
 Cotton, 8R-38" solid, conservation tillage
 BGII/Flex variety, Delta Area, Mississippi, 2008

PRODUCT			PERCENT										
			75	80	85	90	95	100	105	110	115	120	125
Cotton Lint			0.53	0.57	0.60	0.64	0.68	0.71	0.75	0.78	0.82	0.85	0.89
PERCENT	YIELD	UNIT	dollars										
50	450.00	lb	-153	-137	-121	-105	-88	-72	-56	-40	-24	-8	7
			-268	-252	-236	-220	-204	-188	-172	-156	-139	-123	-107
60	540.00	lb	-113	-93	-74	-55	-35	-16	2	22	41	60	80
			-228	-209	-189	-170	-151	-131	-112	-93	-73	-54	-35
70	630.00	lb	-73	-50	-27	-5	17	39	62	84	107	129	152
			-188	-165	-143	-120	-98	-75	-53	-30	-8	14	37
80	720.00	lb	-32	-7	18	44	70	96	121	147	173	199	224
			-148	-122	-96	-70	-45	-19	6	32	57	83	109
90	810.00	lb	7	36	65	94	123	152	181	210	239	268	297
			-108	-79	-50	-21	7	36	65	94	123	152	181
100	900.00	lb	47	79	111	144	176	208	240	273	305	337	369
			-67	-35	-3	28	60	93	125	157	189	222	254
110	990.00	lb	87	123	158	193	229	264	300	335	371	406	442
			-27	7	43	78	113	149	184	220	255	291	326
120	1080.00	lb	127	166	205	243	282	321	359	398	437	475	514
			12	51	89	128	167	205	244	283	321	360	399
130	1170.00	lb	168	209	251	293	335	377	419	461	503	544	586
			52	94	136	178	220	261	303	345	387	429	471
140	1260.00	lb	208	253	298	343	388	433	478	523	569	614	659
			92	137	182	228	273	318	363	408	453	498	543
150	1350.00	lb	248	296	345	393	441	490	538	586	634	683	731
			132	181	229	277	326	374	422	471	519	567	616

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
 Cotton, 8R-38" solid, no-till
 BtRR variety, Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	4.50	2.0000	9.00	_____
App by Air (3 gal)	appl	3.50	3.5000	12.25	_____
HARVEST AIDS					
Thidiazuron 4lb	oz	2.43	2.0000	4.86	_____
Ethephon 6E	pt	5.22	1.3300	6.94	_____
Tribufos 6lb	pt	7.15	0.5000	3.58	_____
GINNING					
Gin & Haul	lb	0.09	900.0000	81.00	_____
FERTILIZERS					
Amm Nitrate (34% N)	cwt	16.00	2.0000	32.00	_____
Potash (60% K2O)	cwt	13.00	1.5000	19.50	_____
UAN (32% N)	cwt	12.00	2.0000	24.00	_____
HERBICIDES					
Clarity	pt	11.60	0.5000	5.80	_____
Glyphosate Plus 4L	pt	2.35	3.4375	8.08	_____
Dual II Magnum	pt	13.43	1.0000	13.43	_____
Diuron 80%	lb	3.15	1.0000	3.15	_____
INSECTICIDES					
Temik 15G Gypsum	lb	3.33	3.5000	11.66	_____
Acephate 90%	lb	7.68	1.5200	11.67	_____
Centric 40WG	oz	5.04	2.0000	10.08	_____
Karate Z	oz	3.10	2.0000	6.20	_____
Bidrin 8L	oz	0.84	8.0000	6.72	_____
Incidental Pest Trt	acre	12.00	0.5000	6.00	_____
SEED/PLANTS					
Cotton Seed BtRR	thous	0.46	52.5000	24.15	_____
TECHNOLOGY FEE					
BG/RR Cot Tech Fee	cap/ac	49.00	1.0000	49.00	_____
GROWTH REGULATORS					
Mepiquat Chloride	oz	0.47	12.0000	5.64	_____
CUSTOM FERTILIZE					
Custom Apply Fert	acre	5.00	1.0000	5.00	_____
ERADICATION FEE					
Eradiation Fee	acre	5.50	1.0000	5.50	_____
INSECT SCOUTING					
Insect Scouting	acre	7.00	1.0000	7.00	_____
CUSTOM LIME					
Lime (Spread)	ton	40.00	0.5000	20.00	_____
OPERATOR LABOR					
Tractors	hour	10.21	0.9401	9.58	_____
Self-Propelled	hour	10.21	0.3106	3.17	_____
HAND LABOR					
Implements	hour	7.31	0.4136	3.01	_____
Self-Propelled	hour	7.31	0.2842	2.06	_____
UNALLOCATED LABOR	hour	10.20	1.0006	10.21	_____
DIESEL FUEL					
Tractors	gal	2.33	9.1944	21.42	_____
Self-Propelled	gal	2.33	5.1885	12.08	_____
REPAIR & MAINTENANCE					
Implements	acre	7.16	1.0000	7.16	_____
Tractors	acre	3.50	1.0000	3.50	_____
Self-Propelled	acre	13.01	1.0000	13.01	_____
INTEREST ON OP. CAP.	acre	15.79	1.0000	15.79	_____
TOTAL DIRECT EXPENSES				493.20	_____
FIXED EXPENSES					
Implements	acre	15.57	1.0000	15.57	_____
Tractors	acre	27.13	1.0000	27.13	_____
Self-Propelled	acre	63.59	1.0000	63.59	_____
TOTAL FIXED EXPENSES				106.29	_____
TOTAL SPECIFIED EXPENSES				599.49	_____

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 3.B Summary of estimated costs and returns per acre
 Cotton, 8R-38" solid, no-till
 BtRR variety, Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.71	900.0000	644.40	_____
Cotton Seed	lb	0.04	1350.0000	60.75	_____

TOTAL INCOME				705.15	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	21.25	1.0000	21.25	_____
HARVEST AIDS	acre	15.38	1.0000	15.38	_____
GINNING	acre	81.00	1.0000	81.00	_____
FERTILIZERS	acre	75.50	1.0000	75.50	_____
HERBICIDES	acre	30.46	1.0000	30.46	_____
INSECTICIDES	acre	52.33	1.0000	52.33	_____
SEED/PLANTS	acre	24.15	1.0000	24.15	_____
TECHNOLOGY FEE	acre	49.00	1.0000	49.00	_____
GROWTH REGULATORS	acre	5.64	1.0000	5.64	_____
CUSTOM FERTILIZE	acre	5.00	1.0000	5.00	_____
ERADICATION FEE	acre	5.50	1.0000	5.50	_____
INSECT SCOUTING	acre	7.00	1.0000	7.00	_____
CUSTOM LIME	acre	20.00	1.0000	20.00	_____
HAND LABOR	hour	7.31	0.6978	5.07	_____
OPERATOR LABOR	hour	10.21	1.2508	12.75	_____
UNALLOCATED LABOR	hour	10.20	1.0006	10.21	_____
DIESEL FUEL	gal	2.33	14.3829	33.50	_____
REPAIR & MAINTENANCE	acre	23.67	1.0000	23.67	_____
INTEREST ON OP. CAP.	acre	15.79	1.0000	15.79	_____

TOTAL DIRECT EXPENSES				493.20	_____
RETURNS ABOVE DIRECT EXPENSES				211.95	_____

TOTAL FIXED EXPENSES				106.29	_____

TOTAL SPECIFIED EXPENSES				599.49	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				105.66	_____

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 3.C Estimated resource use for field operations, per acre
 Cotton, 8R-38" solid, no-till
 BtRR variety, Delta Area, 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-----				
Lime (Spread)	ton			0.25	Nov	0.5000				
App by Air (5 gal)	appl			1.00	Mar	1.0000				
Clarity	pt					0.5000				
Glyphosate Plus 4L	pt					1.3750				
Custom Apply Fert	acre			1.00	Mar	1.0000				
Amm Nitrate (34% N)	cwt					2.0000				
Potash (60% K2O)	cwt					1.5000				
Row Cond (Plant)Rdg	26'	MFWD 190	0.078	1.00	May		0.07	0.07	0.07	0.06
NT Plant&Pre-Rigid	8R-38	MFWD 190	0.083	1.00	May		0.08	0.08	0.16	0.06
Cotton Seed BtRR	thous					52.5000				
BG/RR Cot Tech Fee	cap/ac					1.0000				
Temik 15G Gypsum	lb					3.5000				
Insect Scouting	acre			1.00	May	1.0000				
Eradication Fee	acre					1.0000				
Sprayer(600-750Gal)	60'		0.017	1.00	May			0.01	0.02	0.01
Dual II Magnum	pt					1.0000				
Glyphosate Plus 4L	pt					1.3750				
Acephate 90%	lb					0.2200				
Sprayer(600-750Gal)	60'		0.017	0.50	May			0.00	0.01	0.00
Glyphosate Plus 4L	pt					0.6875				
Sprayer(600-750Gal)	60'		0.017	1.00	Jun			0.01	0.02	0.01
Centric 40WG	oz					2.0000				
Mepiquat Chloride	oz					6.0000				
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Jun		0.07	0.07	0.11	0.06
UAN (32% N)	cwt					2.0000				
Spray (Direct/Layby)	8R-38	MFWD 190	0.066	1.00	Jun		0.06	0.06	0.10	0.05
Diuron 80%	lb					1.0000				
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Acephate 90%	lb					0.5500				
Mepiquat Chloride	oz					6.0000				
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Karate Z	oz					2.0000				
Bidrin 8L	oz					8.0000				
Incidental Pest				0.50	Jul					
App by Air (3 gal)	appl					0.5000				
Incidental Pest Trt	acre					0.5000				
App by Air (3 gal)	appl			1.00	Aug	1.0000				
Acephate 90%	lb					0.7500				
App by Air (5 gal)	appl			1.00	Sep	1.0000				
Thidiazuron 4lb	oz					2.0000				
Ethephon 6E	pt					1.3300				
Sprayer(600-750Gal)	60'		0.017	0.50	Sep			0.00	0.01	0.00
Tribufos 6lb	pt					0.5000				
Cotton Picker-1st-BB	4R-38(350)		0.257	1.00	Oct			0.25	0.51	0.20
Boll Buggy-1st pick	4R-38(325)	MFWD 190	0.257	1.00	Oct		0.25	0.25	0.25	0.20
Module Builder-1st	4R-38(325)	MFWD 190	0.257	1.00	Oct		0.25	0.25	0.51	0.20
Gin & Haul	lb			1.00	Oct	900.0000				
Stalk Shredder	14'	MFWD 190	0.117	1.00	Oct		0.11	0.11	0.11	0.09
TOTALS							1.25	0.94	1.94	1.00

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 3.D Estimated costs for field operations, per acre
Cotton, 8R-38" solid, no-till
BtRR variety, Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST	
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL			
-----dollars-----											
Lime (Spread)	ton	20.00						1.75	21.75		21.75
App by Air (5 gal)	appl	4.50						0.26	4.76		4.76
Clarity	pt	5.80						0.34	6.14		6.14
Glyphosate Plus 4L	pt	3.23						0.19	3.42		3.42
Custom Apply Fert	acre	5.00						0.29	5.29		5.29
Amm Nitrate (34% N)	cwt	32.00						1.87	33.87		33.87
Potash (60% K2O)	cwt	19.50						1.14	20.64		20.64
Row Cond (Plant)Rdg	26'		1.79	0.48	1.44			0.16	3.87	3.25	7.12
NT Plant&Pre-Rigid	8R-38		1.91	1.32	2.14			0.23	5.60	4.85	10.45
Cotton Seed BtRR	thous	24.15						1.06	25.21		25.21
BG/RR Cot Tech Fee	cap/ac	49.00						2.14	51.14		51.14
Temik 15G Gypsum	lb	11.66						0.51	12.17		12.17
Insect Scouting	acre	7.00						0.31	7.31		7.31
Eradication Fee	acre	5.50						0.24	5.74		5.74
Sprayer(600-750Gal)	60'		0.42	0.13	0.38			0.04	0.97	1.04	2.01
Dual II Magnum	pt	13.43						0.59	14.02		14.02
Glyphosate Plus 4L	pt	3.23						0.14	3.37		3.37
Acephate 90%	lb	1.69						0.07	1.76		1.76
Sprayer(600-750Gal)	60'		0.21	0.06	0.19			0.02	0.48	0.52	1.00
Glyphosate Plus 4L	pt	1.62						0.07	1.69		1.69
Sprayer(600-750Gal)	60'		0.42	0.13	0.38			0.03	0.96	1.04	2.00
Centric 40WG	oz	10.08						0.37	10.45		10.45
Mepiquat Chloride	oz	2.82						0.10	2.92		2.92
Fert Appl (Liquid)	8R-38		1.77	1.02	1.70			0.16	4.65	3.26	7.91
UAN (32% N)	cwt	24.00						0.88	24.88		24.88
Spray (Direct/Layby)	8R-38		1.52	0.57	1.47			0.13	3.69	2.41	6.10
Diuron 80%	lb	3.15						0.11	3.26		3.26
App by Air (3 gal)	appl	3.50						0.10	3.60		3.60
Acephate 90%	lb	4.22						0.12	4.34		4.34
Mepiquat Chloride	oz	2.82						0.08	2.90		2.90
App by Air (3 gal)	appl	3.50						0.10	3.60		3.60
Karate Z	oz	6.20						0.18	6.38		6.38
Bidrin 8L	oz	6.72						0.20	6.92		6.92
Incidental Pest											
App by Air (3 gal)	appl	1.75						0.05	1.80		1.80
Incidental Pest Trt	acre	6.00						0.18	6.18		6.18
App by Air (3 gal)	appl	3.50						0.08	3.58		3.58
Acephate 90%	lb	5.76						0.13	5.89		5.89
App by Air (5 gal)	appl	4.50						0.07	4.57		4.57
Thidiazuron 4lb	oz	4.86						0.07	4.93		4.93
Ethephon 6E	pt	6.94						0.10	7.04		7.04
Sprayer(600-750Gal)	60'		0.21	0.06	0.19			0.01	0.47	0.52	0.99
Tribufos 6lb	pt	3.58						0.05	3.63		3.63
Cotton Picker-1st-BB	4R-38(350)		10.82	12.63	6.62			0.22	30.29	60.47	90.76
Boll Buggy-1st pick	4R-38(325)		5.87	2.63	4.74			0.10	13.34	11.74	25.08
Module Builder-1st	4R-38(325)		5.87	3.11	6.62			0.11	15.71	12.97	28.68
Gin & Haul	lb	81.00						0.59	81.59		81.59
Stalk Shredder	14'		2.69	1.53	2.16			0.05	6.43	4.22	10.65
TOTALS		392.21	33.50	23.67	28.03	0.00	15.79	493.20	106.29	599.49	

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

Fertilization decisions should be based on soil tests.

Table 3.E Estimated monthly income and expense flows per acre
Cotton, 8R-38" solid, no-till
BtRR variety, Delta Area, Mississippi, 2008

ITEM	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
-----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	705.15
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	4.50	0.00	0.00	0.00	8.75	3.50	4.50	0.00
HARVEST AIDS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.38	0.00
GINNING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	81.00
FERTILIZERS	0.00	0.00	0.00	0.00	51.50	0.00	0.00	24.00	0.00	0.00	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	9.03	0.00	18.28	3.15	0.00	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	13.35	10.08	23.14	5.76	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	24.15	0.00	0.00	0.00	0.00	0.00
TECHNOLOGY FEE	0.00	0.00	0.00	0.00	0.00	0.00	49.00	0.00	0.00	0.00	0.00	0.00
GROWTH REGULATORS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.82	2.82	0.00	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ERADICATION FEE	0.00	0.00	0.00	0.00	0.00	0.00	5.50	0.00	0.00	0.00	0.00	0.00
INSECT SCOUTING	0.00	0.00	0.00	0.00	0.00	0.00	7.00	0.00	0.00	0.00	0.00	0.00
CUSTOM LIME	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LABOR	0.00	0.00	0.00	0.00	0.00	0.00	4.15	3.55	0.00	0.00	0.19	20.14
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	4.33	3.71	0.00	0.00	0.21	25.25
REPAIR & MAINTENANCE	0.00	0.00	0.00	0.00	0.00	0.00	1.99	1.72	0.00	0.00	0.06	19.90
INTEREST ON OP. CAP.	1.75	0.00	0.00	0.00	4.09	0.00	5.58	1.78	1.01	0.21	0.30	1.07
TOTAL DIRECT EXPENSES	21.75	0.00	0.00	0.00	74.12	0.00	133.33	50.81	35.72	9.47	20.64	147.36
NET INCOME	-21.75	0.00	0.00	0.00	-74.12	0.00	-133.33	-50.81	-35.72	-9.47	-20.64	557.79
NET INCOME TO DATE	-21.75	-21.75	-21.75	-21.75	-95.87	-95.87	-229.20	-280.01	-315.73	-325.20	-345.84	211.95

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

Fertilization decisions should be based on soil tests.

* Lease costs are based on hourly usage costs.

Table 3.F Estimated returns for various price/yield combinations, per acre
 Cotton, 8R-38" solid, no-till
 BtRR variety, Delta Area, Mississippi, 2008

PRODUCT			-----PERCENT-----										
			75	80	85	90	95	100	105	110	115	120	125
Cotton Lint			0.53	0.57	0.60	0.64	0.68	0.71	0.75	0.78	0.82	0.85	0.89
PERCENT YIELD UNIT			-----dollars-----										
50	450.00	lb	-150	-133	-117	-101	-85	-69	-53	-37	-21	-5	11
			-256	-240	-224	-207	-191	-175	-159	-143	-127	-111	-95
60	540.00	lb	-109	-90	-71	-51	-32	-13	6	25	44	64	83
			-216	-196	-177	-158	-138	-119	-100	-80	-61	-42	-22
70	630.00	lb	-69	-47	-24	-2	20	43	65	88	110	133	155
			-175	-153	-130	-108	-85	-63	-40	-18	4	27	49
80	720.00	lb	-29	-3	22	47	73	99	125	150	176	202	228
			-135	-110	-84	-58	-32	-6	18	44	70	96	121
90	810.00	lb	10	39	68	97	126	155	184	213	242	271	300
			-95	-66	-37	-8	20	49	78	107	136	165	194
100	900.00	lb	50	83	115	147	179	211	244	276	308	340	373
			-55	-23	9	41	73	105	137	170	202	234	266
110	990.00	lb	91	126	161	197	232	268	303	339	374	409	445
			-15	20	55	91	126	161	197	232	268	303	339
120	1080.00	lb	131	169	208	247	285	324	363	401	440	479	517
			24	63	102	140	179	218	256	295	334	372	411
130	1170.00	lb	171	213	255	297	338	380	422	464	506	548	590
			65	106	148	190	232	274	316	358	400	442	483
140	1260.00	lb	211	256	301	346	391	437	482	527	572	617	662
			105	150	195	240	285	330	375	421	466	511	556
150	1350.00	lb	251	300	348	396	445	493	541	590	638	686	735
			145	193	242	290	338	387	435	483	532	580	628

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 4.A Estimated costs per acre
 Cotton, 8R-38" 2X1 full-skip (8 rows planted)
 Conservation tillage, BtRR variety, Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	4.50	2.0000	9.00	_____
App by Air (3 gal)	appl	3.50	3.5000	12.25	_____
HARVEST AIDS					
Thidiazuron 4lb	oz	2.43	2.0000	4.86	_____
Ethephon 6E	pt	5.22	1.3300	6.94	_____
Tribufos 6lb	pt	7.15	0.5000	3.58	_____
GINNING					
Gin & Haul	lb	0.09	811.0000	72.99	_____
FERTILIZERS					
Potash (60% K2O)	cwt	13.00	1.3500	17.55	_____
UAN (32% N)	cwt	12.00	3.6000	43.20	_____
HERBICIDES					
Clarity	pt	11.60	0.5000	5.80	_____
Glyphosate Plus 4L	pt	2.35	2.7850	6.54	_____
Dual II Magnum	pt	13.43	0.6700	9.00	_____
Diuron 80%	lb	3.15	0.6700	2.11	_____
INSECTICIDES					
Temik 15G Gypsum	lb	3.33	2.3500	7.83	_____
Acephate 90%	lb	7.68	1.5200	11.67	_____
Centric 40WG	oz	5.04	1.3400	6.75	_____
Karate Z	oz	3.10	2.0000	6.20	_____
Bidrin 8L	oz	0.84	8.0000	6.72	_____
Incidental Pest Trt	acre	12.00	0.5000	6.00	_____
SEED/PLANTS					
Cotton Seed BtRR	thous	0.46	35.0000	16.10	_____
TECHNOLOGY FEE					
BG/RR Cot Tech Fee	thous	1.09	35.0000	38.15	_____
GROWTH REGULATORS					
Mepiquat Chloride	oz	0.47	10.0000	4.70	_____
CUSTOM FERTILIZE					
Custom Apply Fert	acre	5.00	1.0000	5.00	_____
ERADICATION FEE					
Eradication Fee	acre	5.50	1.0000	5.50	_____
INSECT SCOUTING					
Insect Scouting	acre	7.00	1.0000	7.00	_____
CUSTOM LIME					
Lime (Spread)	ton	40.00	0.5000	20.00	_____
OPERATOR LABOR					
Tractors	hour	10.21	0.9073	9.26	_____
Self-Propelled	hour	10.21	0.1987	2.03	_____
HAND LABOR					
Implements	hour	7.31	0.3553	2.59	_____
Self-Propelled	hour	7.31	0.1855	1.35	_____
UNALLOCATED LABOR					
	hour	10.19	0.8848	9.02	_____
DIESEL FUEL					
Tractors	gal	2.33	8.8738	20.69	_____
Self-Propelled	gal	2.33	3.3764	7.86	_____
REPAIR & MAINTENANCE					
Implements	acre	8.38	1.0000	8.38	_____
Tractors	acre	3.38	1.0000	3.38	_____
Self-Propelled	acre	8.86	1.0000	8.86	_____
INTEREST ON OP. CAP.	acre	13.65	1.0000	13.65	_____
TOTAL DIRECT EXPENSES				422.51	_____
FIXED EXPENSES					
Implements	acre	17.11	1.0000	17.11	_____
Tractors	acre	26.15	1.0000	26.15	_____
Self-Propelled	acre	43.09	1.0000	43.09	_____
TOTAL FIXED EXPENSES				86.35	_____
TOTAL SPECIFIED EXPENSES				508.86	_____

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 4.B Summary of estimated costs and returns per acre
 Cotton, 8R-38" 2X1 full-skip (8 rows planted)
 Conservation tillage, BtRR variety, Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.71	811.0000	580.68	_____
Cotton Seed	lb	0.04	1217.0000	54.77	_____

TOTAL INCOME				635.45	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	21.25	1.0000	21.25	_____
HARVEST AIDS	acre	15.38	1.0000	15.38	_____
GINNING	acre	72.99	1.0000	72.99	_____
FERTILIZERS	acre	60.75	1.0000	60.75	_____
HERBICIDES	acre	23.45	1.0000	23.45	_____
INSECTICIDES	acre	45.17	1.0000	45.17	_____
SEED/PLANTS	acre	16.10	1.0000	16.10	_____
TECHNOLOGY FEE	acre	38.15	1.0000	38.15	_____
GROWTH REGULATORS	acre	4.70	1.0000	4.70	_____
CUSTOM FERTILIZE	acre	5.00	1.0000	5.00	_____
ERADICATION FEE	acre	5.50	1.0000	5.50	_____
INSECT SCOUTING	acre	7.00	1.0000	7.00	_____
CUSTOM LIME	acre	20.00	1.0000	20.00	_____
HAND LABOR	hour	7.31	0.5409	3.94	_____
OPERATOR LABOR	hour	10.21	1.1061	11.29	_____
UNALLOCATED LABOR	hour	10.19	0.8848	9.02	_____
DIESEL FUEL	gal	2.33	12.2503	28.55	_____
REPAIR & MAINTENANCE	acre	20.62	1.0000	20.62	_____
INTEREST ON OP. CAP.	acre	13.65	1.0000	13.65	_____

TOTAL DIRECT EXPENSES				422.51	_____
RETURNS ABOVE DIRECT EXPENSES				212.94	_____

TOTAL FIXED EXPENSES				86.35	_____

TOTAL SPECIFIED EXPENSES				508.86	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				126.59	_____

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

Fertilization decisions should be based on soil tests.

Table 4.C Estimated resource use for field operations, per acre
 Cotton, 8R-38" 2X1 full-skip (8 rows planted)
 Conservation tillage, BtRR variety, Delta Area, 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-----										
Lime (Spread)	ton			0.25	Nov	0.5000				
Paratill & Bed Fold.	8R-38 2x1	MFWD 190	0.053	1.00	Nov		0.05	0.05	0.05	0.04
App by Air (5 gal)	appl			1.00	Mar	1.0000				
Clarity	pt					0.5000				
Glyphosate Plus 4L	pt					1.3750				
Disk Bed (Hipper)	8R-38 2x1	MFWD 190	0.049	0.50	Mar		0.02	0.02	0.02	0.01
Custom Apply Fert	acre			1.00	Mar	1.0000				
Potash (60% K2O)	cwt					1.3500				
Fert Appl (Liquid)	8R-38 2x1	MFWD 190	0.051	1.00	Apr		0.05	0.05	0.07	0.04
UAN (32% N)	cwt					1.8000				
Row Cond (Plant)Fld	38'	MFWD 190	0.053	1.00	May		0.05	0.05	0.05	0.04
Plant & Pre-Folding	8R-38 2x1	MFWD 190	0.053	1.00	May		0.05	0.05	0.10	0.04
Cotton Seed BtRR	thous					35.0000				
BG/RR Cot Tech Fee	thous					35.0000				
Temik 15G Gypsum	lb					2.3500				
Insect Scouting	acre			1.00	May	1.0000				
Eradication Fee	acre					1.0000				
Spray (Direct/Layby)	8R-38 2x1	MFWD 190	0.044	1.00	May		0.04	0.04	0.06	0.03
Dual II Magnum	pt					0.6700				
Glyphosate Plus 4L	pt					0.9400				
Acephate 90%	lb					0.2200				
Spray (Direct/Layby)	8R-38 2x1	MFWD 190	0.044	0.50	May		0.02	0.02	0.03	0.01
Glyphosate Plus 4L	pt					0.4700				
Spray (Direct/Layby)	8R-38 2x1	MFWD 190	0.044	1.00	Jun		0.04	0.04	0.06	0.03
Sprayer(600-750Gal)	60'		0.017					0.01	0.02	0.01
Centric 40WG	oz					1.3400				
Mepiquat Chloride	oz					4.0000				
Fert Appl (Liquid)	8R-38 2x1	MFWD 190	0.051	1.00	Jun		0.05	0.05	0.07	0.04
UAN (32% N)	cwt					1.8000				
Spray (Direct/Layby)	8R-38 2x1	MFWD 190	0.044	1.00	Jul		0.04	0.04	0.06	0.03
Diuron 80%	lb					0.6700				
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Acephate 90%	lb					0.5500				
Mepiquat Chloride	oz					6.0000				
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Karate Z	oz					2.0000				
Bidrin 8L	oz					8.0000				
Incidental Pest				0.50	Jul					
App by Air (3 gal)	appl					0.5000				
Incidental Pest Trt	acre					0.5000				
App by Air (3 gal)	appl			1.00	Aug	1.0000				
Acephate 90%	lb					0.7500				
App by Air (5 gal)	appl			1.00	Sep	1.0000				
Thidiazuron 4lb	oz					2.0000				
Ethephon 6E	pt					1.3300				
Sprayer(600-750Gal)	60'		0.017	0.50	Sep			0.00	0.01	0.00
Tribufos 6lb	pt					0.5000				
Cotton Picker-1st-BB	4R2x1(350)		0.172	1.00	Oct			0.17	0.34	0.13
Boll Buggy-1st pick	4R2x1(255)	MFWD 190	0.172	1.00	Oct		0.17	0.17	0.17	0.13
Module Builder-1st	4R2x1(255)	MFWD 190	0.172	1.00	Oct		0.17	0.17	0.34	0.13
Gin & Haul	lb			1.00	Oct	811.0000				
Stalk Shredder	14'	MFWD 190	0.117	1.00	Oct		0.11	0.11	0.11	0.09
TOTALS							1.10	0.90	1.64	0.88

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 4.D Estimated costs for field operations, per acre
 Cotton, 8R-38" 2X1 full-skip (8 rows planted)
 Conservation tillage, BtRR variety, Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST	
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL			
-----dollars-----											
Lime (Spread)	ton	20.00						1.75	21.75		21.75
Paratill & Bed Fold.	8R-38 2x1		1.23	1.03	0.99			0.28	3.53	3.41	6.94
App by Air (5 gal)	appl	4.50						0.26	4.76		4.76
Clarity	pt	5.80						0.34	6.14		6.14
Glyphosate Plus 4L	pt	3.23						0.19	3.42		3.42
Disk Bed (Hipper)	8R-38 2x1		0.56	0.24	0.45			0.07	1.32	1.21	2.53
Custom Apply Fert	acre	5.00						0.29	5.29		5.29
Potash (60% K2O)	cwt	17.55						1.02	18.57		18.57
Fert Appl (Liquid)	8R-38 2x1		1.18	0.78	1.14			0.16	3.26	2.32	5.58
UAN (32% N)	cwt	21.60						1.10	22.70		22.70
Row Cond (Plant)Fld	38'		1.23	0.42	0.99			0.12	2.76	2.73	5.49
Plant & Pre-Folding	8R-38 2x1		1.22	1.27	1.38			0.17	4.04	4.13	8.17
Cotton Seed BtRR	thous	16.10						0.70	16.80		16.80
BG/RR Cot Tech Fee	thous	38.15						1.67	39.82		39.82
Temik 15G Gypsum	lb	7.83						0.34	8.17		8.17
Insect Scouting	acre	7.00						0.31	7.31		7.31
Eradication Fee	acre	5.50						0.24	5.74		5.74
Spray (Direct/Layby)	8R-38 2x1		1.01	0.54	0.97			0.11	2.63	1.83	4.46
Dual II Magnum	pt	9.00						0.39	9.39		9.39
Glyphosate Plus 4L	pt	2.21						0.10	2.31		2.31
Acephate 90%	lb	1.69						0.07	1.76		1.76
Spray (Direct/Layby)	8R-38 2x1		0.51	0.26	0.49			0.06	1.32	0.92	2.24
Glyphosate Plus 4L	pt	1.10						0.05	1.15		1.15
Spray (Direct/Layby)	8R-38 2x1		1.01	0.54	0.97			0.09	2.61	1.83	4.44
Sprayer(600-750Gal)	60'		0.42	0.13	0.38			0.03	0.96	1.04	2.00
Centric 40WG	oz	6.75						0.25	7.00		7.00
Mepiquat Chloride	oz	1.88						0.07	1.95		1.95
Fert Appl (Liquid)	8R-38 2x1		1.18	0.78	1.14			0.11	3.21	2.32	5.53
UAN (32% N)	cwt	21.60						0.79	22.39		22.39
Spray (Direct/Layby)	8R-38 2x1		1.01	0.54	0.97			0.07	2.59	1.83	4.42
Diuron 80%	lb	2.11						0.06	2.17		2.17
App by Air (3 gal)	appl	3.50						0.10	3.60		3.60
Acephate 90%	lb	4.22						0.12	4.34		4.34
Mepiquat Chloride	oz	2.82						0.08	2.90		2.90
App by Air (3 gal)	appl	3.50						0.10	3.60		3.60
Karate Z	oz	6.20						0.18	6.38		6.38
Bidrin 8L	oz	6.72						0.20	6.92		6.92
Incidental Pest											
App by Air (3 gal)	appl	1.75						0.05	1.80		1.80
Incidental Pest Trt	acre	6.00						0.18	6.18		6.18
App by Air (3 gal)	appl	3.50						0.08	3.58		3.58
Acephate 90%	lb	5.76						0.13	5.89		5.89
App by Air (5 gal)	appl	4.50						0.07	4.57		4.57
Thidiazuron 4lb	oz	4.86						0.07	4.93		4.93
Ethephon 6E	pt	6.94						0.10	7.04		7.04
Sprayer(600-750Gal)	60'		0.21	0.06	0.19			0.01	0.47	0.52	0.99
Tribufos 6lb	pt	3.58						0.05	3.63		3.63
Cotton Picker-1st-BB	4R2x1(350)		7.23	8.67	4.43			0.15	20.48	41.53	62.01
Boll Buggy-1st pick	4R2x1(255)		3.93	1.76	3.17			0.06	8.92	7.84	16.76
Module Builder-1st	4R2x1(255)		3.93	2.07	4.43			0.08	10.51	8.67	19.18
Gin & Haul	lb	72.99						0.53	73.52		73.52
Stalk Shredder	14'		2.69	1.53	2.16			0.05	6.43	4.22	10.65
TOTALS		335.44	28.55	20.62	24.25	0.00	13.65	422.51	86.35	508.86	

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 4.E Estimated monthly income and expense flows per acre
 Cotton, 8R-38" 2X1 full-skip (8 rows planted)
 Conservation tillage, BtRR variety, Delta Area, Mississippi, 2008

ITEM	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
-----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	635.45
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	4.50	0.00	0.00	0.00	8.75	3.50	4.50	0.00
HARVEST AIDS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.38	0.00
GINNING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.99
FERTILIZERS	0.00	0.00	0.00	0.00	17.55	21.60	0.00	21.60	0.00	0.00	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	9.03	0.00	12.31	0.00	2.11	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	9.52	6.75	23.14	5.76	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	16.10	0.00	0.00	0.00	0.00	0.00
TECHNOLOGY FEE	0.00	0.00	0.00	0.00	0.00	0.00	38.15	0.00	0.00	0.00	0.00	0.00
GROWTH REGULATORS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.88	2.82	0.00	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ERADICATION FEE	0.00	0.00	0.00	0.00	0.00	0.00	5.50	0.00	0.00	0.00	0.00	0.00
INSECT SCOUTING	0.00	0.00	0.00	0.00	0.00	0.00	7.00	0.00	0.00	0.00	0.00	0.00
CUSTOM LIME	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LABOR	0.99	0.00	0.00	0.00	0.45	1.14	3.83	2.49	0.97	0.00	0.19	14.19
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	1.23	0.00	0.00	0.00	0.56	1.18	3.97	2.61	1.01	0.00	0.21	17.78
REPAIR & MAINTENANCE	1.03	0.00	0.00	0.00	0.24	0.78	2.49	1.45	0.54	0.00	0.06	14.03
INTEREST ON OP. CAP.	2.03	0.00	0.00	0.00	2.17	1.26	4.33	1.34	1.14	0.21	0.30	0.87
TOTAL DIRECT EXPENSES	25.28	0.00	0.00	0.00	39.50	25.96	103.20	38.12	40.48	9.47	20.64	119.86
NET INCOME	-25.28	0.00	0.00	0.00	-39.50	-25.96	-103.20	-38.12	-40.48	-9.47	-20.64	515.59
NET INCOME TO DATE	-25.28	-25.28	-25.28	-25.28	-64.78	-90.74	-193.94	-232.06	-272.54	-282.01	-302.65	212.94

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

Fertilization decisions should be based on soil tests.

* Lease costs are based on hourly usage costs.

Table 4.F Estimated returns for various price/yield combinations, per acre
 Cotton, 8R-38" 2X1 full-skip (8 rows planted)
 Conservation tillage, BtRR variety, Delta Area, Mississippi, 2008

			-----PERCENT-----										
PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			-----PRODUCT PRICE-----										
Cotton Lint			0.53	0.57	0.60	0.64	0.68	0.71	0.75	0.78	0.82	0.85	0.89
PERCENT	YIELD	UNIT	-----dollars-----										
50	405.50	lb	-113	-98	-84	-69	-55	-40	-26	-11	2	17	31
			-199	-185	-170	-156	-141	-126	-112	-97	-83	-68	-54
60	486.60	lb	-77	-59	-42	-24	-7	10	27	44	62	79	97
			-163	-145	-128	-111	-93	-76	-58	-41	-24	-6	10
70	567.70	lb	-40	-20	-0	20	40	60	81	101	121	142	162
			-127	-106	-86	-66	-45	-25	-5	15	35	55	76
80	648.80	lb	-4	18	41	65	88	111	134	157	181	204	227
			-90	-67	-44	-21	1	25	48	71	94	118	141
90	729.90	lb	31	57	83	109	136	162	188	214	240	266	292
			-54	-28	-2	23	49	75	102	128	154	180	206
100	811.00	lb	67	96	125	154	183	212	241	271	300	329	358
			-18	10	39	68	97	126	155	184	213	242	271
110	892.10	lb	103	135	167	199	231	263	295	327	359	391	423
			17	49	81	113	145	177	209	241	273	305	336
120	973.20	lb	140	175	209	244	279	314	349	384	418	453	488
			53	88	123	158	193	228	262	297	332	367	402
130	1054.30	lb	176	214	251	289	327	365	402	440	478	516	553
			90	127	165	203	240	278	316	354	391	429	467
140	1135.40	lb	212	253	293	334	375	415	456	497	537	578	619
			126	166	207	248	288	329	370	410	451	492	532
150	1216.50	lb	248	292	335	379	422	466	510	553	597	640	684
			162	205	249	293	336	380	423	467	510	554	597

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 5.A Estimated costs per acre
 Cotton, 8R-38" solid, conventional tillage
 Non-transgenic variety, Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (3 gal)	appl	3.50	5.5000	19.25	_____
App by Air (5 gal)	appl	4.50	1.0000	4.50	_____
HARVEST AIDS					
Thidiazuron 4lb	oz	2.43	2.0000	4.86	_____
Ethephon 6E	pt	5.22	1.3300	6.94	_____
Tribufos 6lb	pt	7.15	0.5000	3.58	_____
GINNING					
Gin & Haul	lb	0.09	900.0000	81.00	_____
FERTILIZERS					
Potash (60% K2O)	cwt	13.00	1.5000	19.50	_____
UAN (32% N)	cwt	12.00	4.0000	48.00	_____
HERBICIDES					
Treflan HFP	pt	2.35	1.0000	2.35	_____
Staple	oz	18.97	0.6000	11.38	_____
Suprend	lb	10.17	1.5000	15.26	_____
MSMA6 + Surfactant	pt	1.98	1.3300	2.63	_____
Select 2EC	oz	1.35	2.4000	3.24	_____
Diuron 80%	lb	3.15	1.0000	3.15	_____
Layby Pro	qt	9.04	1.0000	9.04	_____
INSECTICIDES					
Temik 15G Gypsum	lb	3.33	3.5000	11.66	_____
Acephate 90%	lb	7.68	1.5200	11.67	_____
Centric 40WG	oz	5.04	2.0000	10.08	_____
Tracer	oz	6.38	5.1120	32.61	_____
Karate Z	oz	3.10	6.0000	18.60	_____
Bidrin 8L	oz	0.84	8.0000	6.72	_____
Incidental Pest Trt	acre	12.00	0.5000	6.00	_____
SEED/PLANTS					
Cotton Seed Conv.	thous	0.39	52.5000	20.48	_____
GROWTH REGULATORS					
Mepiquat Chloride	oz	0.47	12.0000	5.64	_____
ADJUVANTS					
Surfactant	pt	1.55	0.4600	0.71	_____
CUSTOM FERTILIZE					
Custom Apply Fert	acre	5.00	1.0000	5.00	_____
ERADICATION FEE					
Eradication Fee	acre	5.50	1.0000	5.50	_____
INSECT SCOUTING					
Insect Scouting	acre	7.00	1.0000	7.00	_____
CUSTOM LIME					
Lime (Spread)	ton	40.00	0.5000	20.00	_____
OPERATOR LABOR					
Tractors	hour	10.21	1.6050	16.39	_____
Self-Propelled	hour	10.21	0.2912	2.97	_____
HAND LABOR					
Implements	hour	7.31	0.5818	4.25	_____
Self-Propelled	hour	7.31	0.2745	2.00	_____
UNALLOCATED LABOR	hour	10.21	1.5170	15.49	_____
DIESEL FUEL					
Tractors	gal	2.33	15.6969	36.56	_____
Self-Propelled	gal	2.33	4.9888	11.62	_____
REPAIR & MAINTENANCE					
Implements	acre	10.60	1.0000	10.60	_____
Tractors	acre	5.97	1.0000	5.97	_____
Self-Propelled	acre	12.87	1.0000	12.87	_____
INTEREST ON OP. CAP.	acre	16.25	1.0000	16.25	_____
TOTAL DIRECT EXPENSES				-----	531.33
FIXED EXPENSES					
Implements	acre	25.44	1.0000	25.44	_____
Tractors	acre	46.32	1.0000	46.32	_____
Self-Propelled	acre	62.44	1.0000	62.44	_____
TOTAL FIXED EXPENSES				-----	134.20
TOTAL SPECIFIED EXPENSES				-----	665.53

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 5.B Summary of estimated costs and returns per acre
 Cotton, 8R-38" solid, conventional tillage
 Non-transgenic variety, Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.71	900.0000	644.40	_____
Cotton Seed	lb	0.04	1350.0000	60.75	_____

TOTAL INCOME				705.15	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	23.75	1.0000	23.75	_____
HARVEST AIDS	acre	15.38	1.0000	15.38	_____
GINNING	acre	81.00	1.0000	81.00	_____
FERTILIZERS	acre	67.50	1.0000	67.50	_____
HERBICIDES	acre	47.05	1.0000	47.05	_____
INSECTICIDES	acre	97.35	1.0000	97.35	_____
SEED/PLANTS	acre	20.48	1.0000	20.48	_____
GROWTH REGULATORS	acre	5.64	1.0000	5.64	_____
ADJUVANTS	acre	0.71	1.0000	0.71	_____
CUSTOM FERTILIZE	acre	5.00	1.0000	5.00	_____
ERADICATION FEE	acre	5.50	1.0000	5.50	_____
INSECT SCOUTING	acre	7.00	1.0000	7.00	_____
CUSTOM LIME	acre	20.00	1.0000	20.00	_____
HAND LABOR	hour	7.31	0.8564	6.25	_____
OPERATOR LABOR	hour	10.21	1.8963	19.36	_____
UNALLOCATED LABOR	hour	10.21	1.5170	15.49	_____
DIESEL FUEL	gal	2.33	20.6858	48.18	_____
REPAIR & MAINTENANCE	acre	29.44	1.0000	29.44	_____
INTEREST ON OP. CAP.	acre	16.25	1.0000	16.25	_____

TOTAL DIRECT EXPENSES				531.33	_____
RETURNS ABOVE DIRECT EXPENSES				173.82	_____

TOTAL FIXED EXPENSES				134.20	_____

TOTAL SPECIFIED EXPENSES				665.53	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				39.62	_____

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 5.C Estimated resource use for field operations, per acre
Cotton, 8R-38" solid, conventional tillage
Non-transgenic variety, Delta Area, 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-----										
Lime (Spread)	ton			0.25	Nov	0.5000				
Subsoiler	3 shank	MFWD 190	0.204	1.00	Nov		0.20	0.20	0.20	0.16
Disk & Incorporate	32'	MFWD 190	0.065	1.00	Mar		0.06	0.06	0.09	0.05
Treflan HFP	pt					1.0000				
Custom Apply Fert	acre			1.00	Mar	1.0000				
Potash (60% K2O)	cwt					1.5000				
Field Cultivate Fld	32'	MFWD 190	0.046	1.00	Mar		0.04	0.04	0.04	0.03
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr		0.07	0.07	0.11	0.06
UAN (32% N)	cwt					2.0000				
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Apr		0.07	0.07	0.07	0.05
Row Cond (Plant)Rdg	26'	MFWD 190	0.078	1.00	May		0.07	0.07	0.07	0.06
Plant & Pre-Rigid	8R-38	MFWD 190	0.080	1.00	May		0.08	0.08	0.16	0.06
Cotton Seed Conv.	thous					52.5000				
Temik 15G Gypsum	lb					3.5000				
Insect Scouting	acre			1.00	May	1.0000				
Eradication Fee	acre					1.0000				
Cult & Post	8R-38	MFWD 190	0.086	1.00	May		0.08	0.08	0.13	0.06
Staple	oz					0.6000				
Surfactant	pt					0.2000				
Acephate 90%	lb					0.2200				
Sprayer(600-750Gal)	60'		0.017	1.00	Jun			0.01	0.02	0.01
Centric 40WG	oz					2.0000				
Mepiquat Chloride	oz					6.0000				
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Jun		0.07	0.07	0.11	0.06
UAN (32% N)	cwt					2.0000				
Cult & Post	8R-38	MFWD 190	0.086	1.00	Jun		0.08	0.08	0.13	0.06
Suprend	lb					1.5000				
MSMA6 + Surfactant	pt					1.3300				
Sprayer(600-750Gal)	60'		0.017	0.40	Jun			0.00	0.01	0.00
Tracer	oz					0.8520				
Cult & Post	8R-38	MFWD 190	0.086	0.30	Jul		0.02	0.02	0.03	0.02
Select 2EC	oz					2.4000				
Surfactant	pt					0.0600				
Spray (Direct/Layby)	8R-38	MFWD 190	0.066	1.00	Jul		0.06	0.06	0.10	0.05
Diuron 80%	lb					1.0000				
Layby Pro	qt					1.0000				
Surfactant	pt					0.2000				
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Acephate 90%	lb					0.5500				
Mepiquat Chloride	oz					6.0000				
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Karate Z	oz					2.0000				
Bidrin 8L	oz					8.0000				
Incidental Pest				0.50	Jul					
App by Air (3 gal)	appl					0.5000				
Incidental Pest Trt	acre					0.5000				
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Karate Z	oz					2.0000				
Tracer	oz					2.1300				
App by Air (3 gal)	appl			1.00	Aug	1.0000				
Acephate 90%	lb					0.7500				
App by Air (3 gal)	appl			1.00	Aug	1.0000				
Tracer	oz					2.1300				
Karate Z	oz					2.0000				
App by Air (5 gal)	appl			1.00	Sep	1.0000				
Thidiazuron 4lb	oz					2.0000				
Ethephon 6E	pt					1.3300				
Sprayer(600-750Gal)	60'		0.017	0.50	Sep			0.00	0.01	0.00
Tribufos 6lb	pt					0.5000				
Cotton Picker-1st-BB	4R-38(350)		0.257	1.00	Oct			0.25	0.51	0.20
Boll Buggy-1st pick	4R-38(325)	MFWD 190	0.257	1.00	Oct		0.25	0.25	0.25	0.20
Module Builder-1st	4R-38(325)	MFWD 190	0.257	1.00	Oct		0.25	0.25	0.51	0.20
Gin & Haul	lb			1.00	Oct	900.0000				
Stalk Shredder	14'	MFWD 190	0.117	1.00	Oct		0.11	0.11	0.11	0.09
TOTALS							1.89	1.60	2.75	1.51

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 5.D Estimated costs for field operations, per acre
 Cotton, 8R-38" solid, conventional tillage
 Non-transgenic variety, Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST	
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL			
-----dollars-----											
Lime (Spread)	ton	20.00						1.75	21.75		21.75
Subsoiler	3 shank		4.66	1.05	3.76			0.83	10.30	6.83	17.13
Disk & Incorporate	32'		1.49	1.03	1.44			0.23	4.19	3.64	7.83
Treflan HFP	pt	2.35						0.14	2.49		2.49
Custom Apply Fert	acre	5.00						0.29	5.29		5.29
Potash (60% K2O)	cwt	19.50						1.14	20.64		20.64
Field Cultivate Fld	32'		1.06	0.50	0.86			0.14	2.56	3.09	5.65
Fert Appl (Liquid)	8R-38		1.77	1.02	1.70			0.23	4.72	3.26	7.98
UAN (32% N)	cwt	24.00						1.23	25.23		25.23
Disk Bed (Hipper)Rdg	8R-38		1.69	0.54	1.37			0.18	3.78	3.00	6.78
Row Cond (Plant)Rdg	26'		1.79	0.48	1.44			0.16	3.87	3.25	7.12
Plant & Pre-Rigid	8R-38		1.83	1.16	2.07			0.22	5.28	4.39	9.67
Cotton Seed Conv.	thous	20.48						0.90	21.38		21.38
Temik 15G Gypsum	lb	11.66						0.51	12.17		12.17
Insect Scouting	acre	7.00						0.31	7.31		7.31
Eradication Fee	acre	5.50						0.24	5.74		5.74
Cult & Post	8R-38		1.98	0.84	1.92			0.21	4.95	4.22	9.17
Staple	oz	11.38						0.50	11.88		11.88
Surfactant	pt	0.31						0.01	0.32		0.32
Acephate 90%	lb	1.69						0.07	1.76		1.76
Sprayer(600-750Gal)	60'		0.42	0.13	0.38			0.03	0.96	1.04	2.00
Centric 40WG	oz	10.08						0.37	10.45		10.45
Mepiquat Chloride	oz	2.82						0.10	2.92		2.92
Fert Appl (Liquid)	8R-38		1.77	1.02	1.70			0.16	4.65	3.26	7.91
UAN (32% N)	cwt	24.00						0.88	24.88		24.88
Cult & Post	8R-38		1.98	0.84	1.92			0.17	4.91	4.22	9.13
Suprend	lb	15.26						0.56	15.82		15.82
MSMA6 + Surfactant	pt	2.63						0.10	2.73		2.73
Sprayer(600-750Gal)	60'		0.17	0.05	0.16			0.01	0.39	0.41	0.80
Tracer	oz	5.44						0.20	5.64		5.64
Cult & Post	8R-38		0.59	0.25	0.58			0.04	1.46	1.26	2.72
Select 2EC	oz	3.24						0.09	3.33		3.33
Surfactant	pt	0.09						0.00	0.09		0.09
Spray (Direct/Layby)	8R-38		1.52	0.57	1.47			0.10	3.66	2.41	6.07
Diuron 80%	lb	3.15						0.09	3.24		3.24
Layby Pro	qt	9.04						0.26	9.30		9.30
Surfactant	pt	0.31						0.01	0.32		0.32
App by Air (3 gal)	appl	3.50						0.10	3.60		3.60
Acephate 90%	lb	4.22						0.12	4.34		4.34
Mepiquat Chloride	oz	2.82						0.08	2.90		2.90
App by Air (3 gal)	appl	3.50						0.10	3.60		3.60
Karate Z	oz	6.20						0.18	6.38		6.38
Bidrin 8L	oz	6.72						0.20	6.92		6.92
Incidental Pest											
App by Air (3 gal)	appl	1.75						0.05	1.80		1.80
Incidental Pest Trt	acre	6.00						0.18	6.18		6.18
App by Air (3 gal)	appl	3.50						0.10	3.60		3.60
Karate Z	oz	6.20						0.18	6.38		6.38
Tracer	oz	13.59						0.40	13.99		13.99
App by Air (3 gal)	appl	3.50						0.08	3.58		3.58
Acephate 90%	lb	5.76						0.13	5.89		5.89
App by Air (3 gal)	appl	3.50						0.08	3.58		3.58
Tracer	oz	13.59						0.30	13.89		13.89
Karate Z	oz	6.20						0.14	6.34		6.34
App by Air (5 gal)	appl	4.50						0.07	4.57		4.57
Thidiazuron 4lb	oz	4.86						0.07	4.93		4.93
Ethephon 6E	pt	6.94						0.10	7.04		7.04
Sprayer(600-750Gal)	60'		0.21	0.06	0.19			0.01	0.47	0.52	0.99
Tribufos 6lb	pt	3.58						0.05	3.63		3.63
Cotton Picker-1st-BB	4R-38(350)		10.82	12.63	6.62			0.22	30.29	60.47	90.76
Boll Buggy-1st pick	4R-38(325)		5.87	2.63	4.74			0.10	13.34	11.74	25.08
Module Builder-1st	4R-38(325)		5.87	3.11	6.62			0.11	15.71	12.97	28.68
Gin & Haul	lb	81.00						0.59	81.59		81.59
Stalk Shredder	14'		2.69	1.53	2.16			0.05	6.43	4.22	10.65
TOTALS		396.36	48.18	29.44	41.10	0.00	16.25	531.33	134.20	665.53	

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 5.E Estimated monthly income and expense flows per acre
 Cotton, 8R-38" solid, conventional tillage
 Non-transgenic variety, Delta Area, Mississippi, 2008

ITEM	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
-----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	705.15
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.25	7.00	4.50	0.00
HARVEST AIDS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.38	0.00
GINNING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	81.00
FERTILIZERS	0.00	0.00	0.00	0.00	19.50	24.00	0.00	24.00	0.00	0.00	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	2.35	0.00	11.38	17.89	15.43	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	13.35	15.52	42.93	25.55	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	20.48	0.00	0.00	0.00	0.00	0.00
GROWTH REGULATORS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.82	2.82	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.00	0.40	0.00	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ERADICATION FEE	0.00	0.00	0.00	0.00	0.00	0.00	5.50	0.00	0.00	0.00	0.00	0.00
INSECT SCOUTING	0.00	0.00	0.00	0.00	0.00	0.00	7.00	0.00	0.00	0.00	0.00	0.00
CUSTOM LIME	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LABOR	3.76	0.00	0.00	0.00	2.30	3.07	5.43	4.16	2.05	0.00	0.19	20.14
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	4.66	0.00	0.00	0.00	2.55	3.46	5.60	4.34	2.11	0.00	0.21	25.25
REPAIR & MAINTENANCE	1.05	0.00	0.00	0.00	1.53	1.56	2.48	2.04	0.82	0.00	0.06	19.90
INTEREST ON OP. CAP.	2.58	0.00	0.00	0.00	1.94	1.64	3.13	2.58	2.28	0.73	0.30	1.07
TOTAL DIRECT EXPENSES	32.05	0.00	0.00	0.00	35.17	33.73	74.66	73.35	81.09	33.28	20.64	147.36
NET INCOME	-32.05	0.00	0.00	0.00	-35.17	-33.73	-74.66	-73.35	-81.09	-33.28	-20.64	557.79
NET INCOME TO DATE	-32.05	-32.05	-32.05	-32.05	-67.22	-100.95	-175.61	-248.96	-330.05	-363.33	-383.97	173.82

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

Fertilization decisions should be based on soil tests.

* Lease costs are based on hourly usage costs.

Table 5.F Estimated returns for various price/yield combinations, per acre
 Cotton, 8R-38" solid, conventional tillage
 Non-transgenic variety, Delta Area, Mississippi, 2008

PRODUCT			PERCENT										
			75	80	85	90	95	100	105	110	115	120	125
			PRODUCT PRICE										
Cotton Lint			0.53	0.57	0.60	0.64	0.68	0.71	0.75	0.78	0.82	0.85	0.89
PERCENT	YIELD	UNIT	dollars										
50	450.00	lb	-188	-172	-155	-139	-123	-107	-91	-75	-59	-43	-27
			-322	-306	-290	-274	-257	-241	-225	-209	-193	-177	-161
60	540.00	lb	-147	-128	-109	-89	-70	-51	-31	-12	6	26	45
			-282	-262	-243	-224	-204	-185	-166	-146	-127	-108	-88
70	630.00	lb	-107	-85	-62	-40	-17	4	27	50	72	95	117
			-241	-219	-196	-174	-151	-129	-106	-84	-61	-39	-16
80	720.00	lb	-67	-41	-16	9	35	61	87	112	138	164	190
			-201	-176	-150	-124	-98	-72	-47	-21	4	30	55
90	810.00	lb	-27	1	30	59	88	117	146	175	204	233	262
			-161	-132	-103	-74	-45	-16	12	41	70	99	128
100	900.00	lb	12	44	77	109	141	173	206	238	270	302	334
			-121	-89	-57	-24	7	39	71	104	136	168	200
110	990.00	lb	52	88	123	159	194	230	265	300	336	371	407
			-81	-45	-10	25	60	95	131	166	202	237	273
120	1080.00	lb	93	131	170	209	247	286	325	363	402	441	479
			-41	-2	36	74	113	152	190	229	268	306	345
130	1170.00	lb	133	175	217	258	300	342	384	426	468	510	552
			-0	40	82	124	166	208	250	292	334	376	417
140	1260.00	lb	173	218	263	308	353	398	444	489	534	579	624
			39	84	129	174	219	264	309	354	400	445	490
150	1350.00	lb	213	261	310	358	406	455	503	551	600	648	696
			79	127	176	224	272	321	369	417	466	514	562

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 6.A Estimated costs per acre
 Cotton, 8R-38" solid, conservation tillage
 RR variety, Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	4.50	2.0000	9.00	_____
App by Air (3 gal)	appl	3.50	5.5000	19.25	_____
HARVEST AIDS					
Thidiazuron 4lb	oz	2.43	2.0000	4.86	_____
Ethephon 6E	pt	5.22	1.3300	6.94	_____
Tribufos 6lb	pt	7.15	0.5000	3.58	_____
GINNING					
Gin & Haul	lb	0.09	900.0000	81.00	_____
FERTILIZERS					
Potash (60% K2O)	cwt	13.00	1.5000	19.50	_____
UAN (32% N)	cwt	12.00	4.0000	48.00	_____
HERBICIDES					
Clarity	pt	11.60	0.5000	5.80	_____
Glyphosate Plus 4L	pt	2.35	3.4375	8.08	_____
Dual II Magnum	pt	13.43	1.0000	13.43	_____
Diuron 80%	lb	3.15	1.0000	3.15	_____
INSECTICIDES					
Temik 15G Gypsum	lb	3.33	3.5000	11.66	_____
Acephate 90%	lb	7.68	1.5200	11.67	_____
Centric 40WG	oz	5.04	2.0000	10.08	_____
Tracer	oz	6.38	5.1120	32.61	_____
Karate Z	oz	3.10	6.0000	18.60	_____
Bidrin 8L	oz	0.84	8.0000	6.72	_____
Incidental Pest Trt	acre	12.00	0.5000	6.00	_____
SEED/PLANTS					
Cotton Seed RR	thous	0.36	52.5000	18.90	_____
TECHNOLOGY FEE					
RR Cotton Tech Fee	cap/ac	29.00	1.0000	29.00	_____
GROWTH REGULATORS					
Mepiquat Chloride	oz	0.47	12.0000	5.64	_____
CUSTOM FERTILIZE					
Custom Apply Fert	acre	5.00	1.0000	5.00	_____
ERADICATION FEE					
Eradiation Fee	acre	5.50	1.0000	5.50	_____
INSECT SCOUTING					
Insect Scouting	acre	7.00	1.0000	7.00	_____
CUSTOM LIME					
Lime (Spread)	ton	40.00	0.5000	20.00	_____
OPERATOR LABOR					
Tractors	hour	10.21	1.1322	11.54	_____
Self-Propelled	hour	10.21	0.3177	3.24	_____
HAND LABOR					
Implements	hour	7.31	0.4491	3.27	_____
Self-Propelled	hour	7.31	0.2877	2.09	_____
UNALLOCATED LABOR	hour	10.20	1.1599	11.84	_____
DIESEL FUEL					
Tractors	gal	2.33	11.0733	25.79	_____
Self-Propelled	gal	2.33	5.2611	12.25	_____
REPAIR & MAINTENANCE					
Implements	acre	8.77	1.0000	8.77	_____
Tractors	acre	4.22	1.0000	4.22	_____
Self-Propelled	acre	13.06	1.0000	13.06	_____
INTEREST ON OP. CAP.	acre	16.13	1.0000	16.13	_____
TOTAL DIRECT EXPENSES				523.18	_____
FIXED EXPENSES					
Implements	acre	18.66	1.0000	18.66	_____
Tractors	acre	32.68	1.0000	32.68	_____
Self-Propelled	acre	64.00	1.0000	64.00	_____
TOTAL FIXED EXPENSES				115.34	_____
TOTAL SPECIFIED EXPENSES				638.52	_____

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 6.B Summary of estimated costs and returns per acre
 Cotton, 8R-38" solid, conservation tillage
 RR variety, Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.71	900.0000	644.40	_____
Cotton Seed	lb	0.04	1350.0000	60.75	_____

TOTAL INCOME				705.15	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	28.25	1.0000	28.25	_____
HARVEST AIDS	acre	15.38	1.0000	15.38	_____
GINNING	acre	81.00	1.0000	81.00	_____
FERTILIZERS	acre	67.50	1.0000	67.50	_____
HERBICIDES	acre	30.46	1.0000	30.46	_____
INSECTICIDES	acre	97.35	1.0000	97.35	_____
SEED/PLANTS	acre	18.90	1.0000	18.90	_____
TECHNOLOGY FEE	acre	29.00	1.0000	29.00	_____
GROWTH REGULATORS	acre	5.64	1.0000	5.64	_____
CUSTOM FERTILIZE	acre	5.00	1.0000	5.00	_____
ERADICATION FEE	acre	5.50	1.0000	5.50	_____
INSECT SCOUTING	acre	7.00	1.0000	7.00	_____
CUSTOM LIME	acre	20.00	1.0000	20.00	_____
HAND LABOR	hour	7.31	0.7368	5.36	_____
OPERATOR LABOR	hour	10.21	1.4499	14.78	_____
UNALLOCATED LABOR	hour	10.20	1.1599	11.84	_____
DIESEL FUEL	gal	2.33	16.3344	38.04	_____
REPAIR & MAINTENANCE	acre	26.05	1.0000	26.05	_____
INTEREST ON OP. CAP.	acre	16.13	1.0000	16.13	_____

TOTAL DIRECT EXPENSES				523.18	_____
RETURNS ABOVE DIRECT EXPENSES				181.97	_____

TOTAL FIXED EXPENSES				115.34	_____

TOTAL SPECIFIED EXPENSES				638.52	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				66.63	_____

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 6.C Estimated resource use for field operations, per acre
 Cotton, 8R-38" solid, conservation tillage
 RR variety, Delta Area, 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-----										
Lime (Spread)	ton			0.25	Nov	0.5000				
Paratill & Bed Fold.	8R-38	MFWD 190	0.080	1.00	Nov		0.08	0.08	0.08	0.06
App by Air (5 gal)	appl			1.00	Mar	1.0000				
Clarity	pt					0.5000				
Glyphosate Plus 4L	pt					1.3750				
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	0.50	Mar		0.03	0.03	0.03	0.02
Custom Apply Fert	acre			1.00	Mar	1.0000				
Potash (60% K2O)	cwt					1.5000				
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr		0.07	0.07	0.11	0.06
UAN (32% N)	cwt					2.0000				
Row Cond (Plant)Rdg	26'	MFWD 190	0.078	1.00	May		0.07	0.07	0.07	0.06
Plant & Pre-Rigid	8R-38	MFWD 190	0.080	1.00	May		0.08	0.08	0.16	0.06
Cotton Seed RR	thous					52.5000				
RR Cotton Tech Fee	cap/ac					1.0000				
Temik 15G Gypsum	lb					3.5000				
Insect Scouting	acre			1.00	May	1.0000				
Eradication Fee	acre					1.0000				
Sprayer(600-750Gal)	60'		0.017	1.00	May			0.01	0.02	0.01
Dual II Magnum	pt					1.0000				
Glyphosate Plus 4L	pt					1.3750				
Acephate 90%	lb					0.2200				
Sprayer(600-750Gal)	60'		0.017	0.50	May			0.00	0.01	0.00
Glyphosate Plus 4L	pt					0.6875				
Sprayer(600-750Gal)	60'		0.017	1.00	Jun			0.01	0.02	0.01
Centric 40WG	oz					2.0000				
Mepiquat Chloride	oz					6.0000				
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Jun		0.07	0.07	0.11	0.06
UAN (32% N)	cwt					2.0000				
Sprayer(600-750Gal)	60'		0.017	0.40	Jun			0.00	0.01	0.00
Tracer	oz					0.8520				
Spray (Direct/Layby)	8R-38	MFWD 190	0.066	1.00	Jul		0.06	0.06	0.10	0.05
Diuron 80%	lb					1.0000				
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Mepiquat Chloride	oz					6.0000				
Acephate 90%	lb					0.5500				
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Karate Z	oz					2.0000				
Bidrin 8L	oz					8.0000				
Incidental Pest				0.50	Jul					
App by Air (3 gal)	appl					0.5000				
Incidental Pest Trt	acre					0.5000				
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Karate Z	oz					2.0000				
Tracer	oz					2.1300				
App by Air (3 gal)	appl			1.00	Aug	1.0000				
Acephate 90%	lb					0.7500				
App by Air (3 gal)	appl			1.00	Aug	1.0000				
Tracer	oz					2.1300				
Karate Z	oz					2.0000				
App by Air (5 gal)	appl			1.00	Sep	1.0000				
Thidiazuron 4lb	oz					2.0000				
Ethephon 6E	pt					1.3300				
Sprayer(600-750Gal)	60'		0.017	0.50	Sep			0.00	0.01	0.00
Tribufos 6lb	pt					0.5000				
Cotton Picker-1st-BB	4R-38(350)		0.257	1.00	Oct			0.25	0.51	0.20
Boll Buggy-1st pick	4R-38(325)	MFWD 190	0.257	1.00	Oct		0.25	0.25	0.25	0.20
Module Builder-1st	4R-38(325)	MFWD 190	0.257	1.00	Oct		0.25	0.25	0.51	0.20
Gin & Haul	lb			1.00	Oct	900.0000				
Stalk Shredder	14'	MFWD 190	0.117	1.00	Oct		0.11	0.11	0.11	0.09
TOTALS							1.44	1.13	2.18	1.15

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 6.D Estimated costs for field operations, per acre
 Cotton, 8R-38" solid, conservation tillage
 RR variety, Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST	
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL			
-----dollars-----											
Lime (Spread)	ton	20.00						1.75	21.75		21.75
Paratill & Bed Fold.	8R-38		1.84	1.20	1.48			0.40	4.92	4.34	9.26
App by Air (5 gal)	appl	4.50						0.26	4.76		4.76
Clarity	pt	5.80						0.34	6.14		6.14
Glyphosate Plus 4L	pt	3.23						0.19	3.42		3.42
Disk Bed (Hipper)Rdg	8R-38		0.84	0.27	0.68			0.10	1.89	1.50	3.39
Custom Apply Fert	acre	5.00						0.29	5.29		5.29
Potash (60% K2O)	cwt	19.50						1.14	20.64		20.64
Fert Appl (Liquid)	8R-38		1.77	1.02	1.70			0.23	4.72	3.26	7.98
UAN (32% N)	cwt	24.00						1.23	25.23		25.23
Row Cond (Plant)Rdg	26'		1.79	0.48	1.44			0.16	3.87	3.25	7.12
Plant & Pre-Rigid	8R-38		1.83	1.16	2.07			0.22	5.28	4.39	9.67
Cotton Seed RR	thous	18.90						0.83	19.73		19.73
RR Cotton Tech Fee	cap/ac	29.00						1.27	30.27		30.27
Temik 15G Gypsum	lb	11.66						0.51	12.17		12.17
Insect Scouting	acre	7.00						0.31	7.31		7.31
Eradication Fee	acre	5.50						0.24	5.74		5.74
Sprayer(600-750Gal)	60'		0.42	0.13	0.38			0.04	0.97	1.04	2.01
Dual II Magnum	pt	13.43						0.59	14.02		14.02
Glyphosate Plus 4L	pt	3.23						0.14	3.37		3.37
Acephate 90%	lb	1.69						0.07	1.76		1.76
Sprayer(600-750Gal)	60'		0.21	0.06	0.19			0.02	0.48	0.52	1.00
Glyphosate Plus 4L	pt	1.62						0.07	1.69		1.69
Sprayer(600-750Gal)	60'		0.42	0.13	0.38			0.03	0.96	1.04	2.00
Centric 40WG	oz	10.08						0.37	10.45		10.45
Mepiquat Chloride	oz	2.82						0.10	2.92		2.92
Fert Appl (Liquid)	8R-38		1.77	1.02	1.70			0.16	4.65	3.26	7.91
UAN (32% N)	cwt	24.00						0.88	24.88		24.88
Sprayer(600-750Gal)	60'		0.17	0.05	0.16			0.01	0.39	0.41	0.80
Tracer	oz	5.44						0.20	5.64		5.64
Spray (Direct/Layby)	8R-38		1.52	0.57	1.47			0.10	3.66	2.41	6.07
Diuron 80%	lb	3.15						0.09	3.24		3.24
App by Air (3 gal)	appl	3.50						0.10	3.60		3.60
Mepiquat Chloride	oz	2.82						0.08	2.90		2.90
Acephate 90%	lb	4.22						0.12	4.34		4.34
App by Air (3 gal)	appl	3.50						0.10	3.60		3.60
Karate Z	oz	6.20						0.18	6.38		6.38
Bidrin 8L	oz	6.72						0.20	6.92		6.92
Incidental Pest											
App by Air (3 gal)	appl	1.75						0.05	1.80		1.80
Incidental Pest Trt	acre	6.00						0.18	6.18		6.18
App by Air (3 gal)	appl	3.50						0.10	3.60		3.60
Karate Z	oz	6.20						0.18	6.38		6.38
Tracer	oz	13.59						0.40	13.99		13.99
App by Air (3 gal)	appl	3.50						0.08	3.58		3.58
Acephate 90%	lb	5.76						0.13	5.89		5.89
App by Air (3 gal)	appl	3.50						0.08	3.58		3.58
Tracer	oz	13.59						0.30	13.89		13.89
Karate Z	oz	6.20						0.14	6.34		6.34
App by Air (5 gal)	appl	4.50						0.07	4.57		4.57
Thidiazuron 4lb	oz	4.86						0.07	4.93		4.93
Ethephon 6E	pt	6.94						0.10	7.04		7.04
Sprayer(600-750Gal)	60'		0.21	0.06	0.19			0.01	0.47	0.52	0.99
Tribufos 6lb	pt	3.58						0.05	3.63		3.63
Cotton Picker-1st-BB	4R-38(350)		10.82	12.63	6.62			0.22	30.29	60.47	90.76
Boll Buggy-1st pick	4R-38(325)		5.87	2.63	4.74			0.10	13.34	11.74	25.08
Module Builder-1st	4R-38(325)		5.87	3.11	6.62			0.11	15.71	12.97	28.68
Gin & Haul	lb	81.00						0.59	81.59		81.59
Stalk Shredder	14'		2.69	1.53	2.16			0.05	6.43	4.22	10.65
TOTALS		410.98	38.04	26.05	31.98	0.00	16.13	523.18	115.34	638.52	

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 6.E Estimated monthly income and expense flows per acre
 Cotton, 8R-38" solid, conservation tillage
 RR variety, Delta Area, Mississippi, 2008

ITEM	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
-----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	705.15
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	4.50	0.00	0.00	0.00	12.25	7.00	4.50	0.00
HARVEST AIDS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.38	0.00
GINNING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	81.00
FERTILIZERS	0.00	0.00	0.00	0.00	19.50	24.00	0.00	24.00	0.00	0.00	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	9.03	0.00	18.28	0.00	3.15	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	13.35	15.52	42.93	25.55	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	18.90	0.00	0.00	0.00	0.00	0.00
TECHNOLOGY FEE	0.00	0.00	0.00	0.00	0.00	0.00	29.00	0.00	0.00	0.00	0.00	0.00
GROWTH REGULATORS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.82	2.82	0.00	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ERADICATION FEE	0.00	0.00	0.00	0.00	0.00	0.00	5.50	0.00	0.00	0.00	0.00	0.00
INSECT SCOUTING	0.00	0.00	0.00	0.00	0.00	0.00	7.00	0.00	0.00	0.00	0.00	0.00
CUSTOM LIME	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LABOR	1.48	0.00	0.00	0.00	0.68	1.70	4.08	2.24	1.47	0.00	0.19	20.14
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	1.84	0.00	0.00	0.00	0.84	1.77	4.25	2.36	1.52	0.00	0.21	25.25
REPAIR & MAINTENANCE	1.20	0.00	0.00	0.00	0.27	1.02	1.83	1.20	0.57	0.00	0.06	19.90
INTEREST ON OP. CAP.	2.15	0.00	0.00	0.00	2.32	1.46	4.47	1.75	1.88	0.73	0.30	1.07
TOTAL DIRECT EXPENSES	26.67	0.00	0.00	0.00	42.14	29.95	106.66	49.89	66.59	33.28	20.64	147.36
NET INCOME	-26.67	0.00	0.00	0.00	-42.14	-29.95	-106.66	-49.89	-66.59	-33.28	-20.64	557.79
NET INCOME TO DATE	-26.67	-26.67	-26.67	-26.67	-68.81	-98.76	-205.42	-255.31	-321.90	-355.18	-375.82	181.97

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

Fertilization decisions should be based on soil tests.

* Lease costs are based on hourly usage costs.

Table 6.F Estimated returns for various price/yield combinations, per acre
 Cotton, 8R-38" solid, conservation tillage
 RR variety, Delta Area, Mississippi, 2008

PRODUCT			PERCENT										
			75	80	85	90	95	100	105	110	115	120	125
			PRODUCT PRICE										
Cotton Lint			0.53	0.57	0.60	0.64	0.68	0.71	0.75	0.78	0.82	0.85	0.89
PERCENT	YIELD	UNIT	dollars										
50	450.00	lb	-179	-163	-147	-131	-115	-99	-83	-67	-51	-34	-18
			-295	-279	-263	-246	-230	-214	-198	-182	-166	-150	-134
60	540.00	lb	-139	-120	-101	-81	-62	-43	-23	-4	14	34	53
			-255	-235	-216	-197	-177	-158	-139	-119	-100	-81	-61
70	630.00	lb	-99	-77	-54	-31	-9	13	35	58	80	103	125
			-214	-192	-169	-147	-124	-102	-79	-57	-34	-11	10
80	720.00	lb	-59	-33	-7	17	43	69	95	120	146	172	198
			-174	-149	-123	-97	-71	-45	-20	5	31	57	82
90	810.00	lb	-19	9	38	67	96	125	154	183	212	241	270
			-134	-105	-76	-47	-18	10	39	68	97	126	155
100	900.00	lb	20	53	85	117	149	181	214	246	278	310	343
			-94	-62	-30	2	34	66	98	131	163	195	227
110	990.00	lb	61	96	131	167	202	238	273	309	344	380	415
			-54	-18	16	52	87	122	158	193	229	264	300
120	1080.00	lb	101	139	178	217	255	294	333	371	410	449	487
			-14	24	63	101	140	179	217	256	295	333	372
130	1170.00	lb	141	183	225	267	308	350	392	434	476	518	560
			26	67	109	151	193	235	277	319	361	403	444
140	1260.00	lb	181	226	271	316	361	407	452	497	542	587	632
			66	111	156	201	246	291	336	381	427	472	517
150	1350.00	lb	221	270	318	366	415	463	511	560	608	656	705
			106	154	203	251	299	348	396	444	493	541	589

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 7.A Estimated costs per acre
 Cotton, 12R-38" solid, conservation tillage
 BtRR variety, Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	4.50	2.0000	9.00	_____
App by Air (3 gal)	appl	3.50	3.5000	12.25	_____
HARVEST AIDS					
Thidiazuron 4lb	oz	2.43	2.0000	4.86	_____
Ethephon 6E	pt	5.22	1.3300	6.94	_____
Tribufos 6lb	pt	7.15	0.5000	3.58	_____
GINNING					
Gin & Haul	lb	0.09	900.0000	81.00	_____
FERTILIZERS					
Potash (60% K2O)	cwt	13.00	1.5000	19.50	_____
UAN (32% N)	cwt	12.00	4.0000	48.00	_____
HERBICIDES					
Clarity	pt	11.60	0.5000	5.80	_____
Glyphosate Plus 4L	pt	2.35	3.4375	8.08	_____
Dual II Magnum	pt	13.43	1.0000	13.43	_____
Diuron 80%	lb	3.15	1.0000	3.15	_____
INSECTICIDES					
Temik 15G Gypsum	lb	3.33	3.5000	11.66	_____
Acephate 90%	lb	7.68	1.5200	11.67	_____
Centric 40WG	oz	5.04	2.0000	10.08	_____
Karate Z	oz	3.10	2.0000	6.20	_____
Bidrin 8L	oz	0.84	8.0000	6.72	_____
Incidental Pest Trt	acre	12.00	0.5000	6.00	_____
SEED/PLANTS					
Cotton Seed BtRR	thous	0.46	52.5000	24.15	_____
TECHNOLOGY FEE					
BG/RR Cot Tech Fee	cap/ac	49.00	1.0000	49.00	_____
GROWTH REGULATORS					
Mepiquat Chloride	oz	0.47	12.0000	5.64	_____
CUSTOM FERTILIZE					
Custom Apply Fert	acre	5.00	1.0000	5.00	_____
ERADICATION FEE					
Eradiation Fee	acre	5.50	1.0000	5.50	_____
INSECT SCOUTING					
Insect Scouting	acre	7.00	1.0000	7.00	_____
CUSTOM LIME					
Lime (Spread)	ton	40.00	0.5000	20.00	_____
OPERATOR LABOR					
Tractors	hour	10.21	0.7606	7.77	_____
Self-Propelled	hour	10.21	0.2075	2.12	_____
HAND LABOR					
Implements	hour	7.31	0.2997	2.19	_____
Self-Propelled	hour	7.31	0.1899	1.38	_____
UNALLOCATED LABOR	hour	10.22	0.7745	7.92	_____
DIESEL FUEL					
Tractors	gal	2.33	8.8096	20.52	_____
Self-Propelled	gal	2.33	3.4671	8.07	_____
REPAIR & MAINTENANCE					
Implements	acre	7.77	1.0000	7.77	_____
Tractors	acre	3.37	1.0000	3.37	_____
Self-Propelled	acre	10.69	1.0000	10.69	_____
INTEREST ON OP. CAP.	acre	15.35	1.0000	15.35	_____
TOTAL DIRECT EXPENSES				471.36	_____
FIXED EXPENSES					
Implements	acre	15.99	1.0000	15.99	_____
Tractors	acre	25.93	1.0000	25.93	_____
Self-Propelled	acre	52.20	1.0000	52.20	_____
TOTAL FIXED EXPENSES				94.12	_____
TOTAL SPECIFIED EXPENSES				565.48	_____

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 7.B Summary of estimated costs and returns per acre
 Cotton, 12R-38" solid, conservation tillage
 BtRR variety, Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.71	900.0000	644.40	_____
Cotton Seed	lb	0.04	1350.0000	60.75	_____

TOTAL INCOME				705.15	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	21.25	1.0000	21.25	_____
HARVEST AIDS	acre	15.38	1.0000	15.38	_____
GINNING	acre	81.00	1.0000	81.00	_____
FERTILIZERS	acre	67.50	1.0000	67.50	_____
HERBICIDES	acre	30.46	1.0000	30.46	_____
INSECTICIDES	acre	52.33	1.0000	52.33	_____
SEED/PLANTS	acre	24.15	1.0000	24.15	_____
TECHNOLOGY FEE	acre	49.00	1.0000	49.00	_____
GROWTH REGULATORS	acre	5.64	1.0000	5.64	_____
CUSTOM FERTILIZE	acre	5.00	1.0000	5.00	_____
ERADICATION FEE	acre	5.50	1.0000	5.50	_____
INSECT SCOUTING	acre	7.00	1.0000	7.00	_____
CUSTOM LIME	acre	20.00	1.0000	20.00	_____
HAND LABOR	hour	7.31	0.4896	3.57	_____
OPERATOR LABOR	hour	10.21	0.9682	9.89	_____
UNALLOCATED LABOR	hour	10.22	0.7745	7.92	_____
DIESEL FUEL	gal	2.33	12.2767	28.59	_____
REPAIR & MAINTENANCE	acre	21.83	1.0000	21.83	_____
INTEREST ON OP. CAP.	acre	15.35	1.0000	15.35	_____

TOTAL DIRECT EXPENSES				471.36	_____
RETURNS ABOVE DIRECT EXPENSES				233.79	_____

TOTAL FIXED EXPENSES				94.12	_____

TOTAL SPECIFIED EXPENSES				565.48	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				139.67	_____

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 7.C Estimated resource use for field operations, per acre
 Cotton, 12R-38" solid, conservation tillage
 BtRR variety, Delta Area, 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-----										
Lime (Spread)	ton			0.25	Nov	0.5000				
Paratill & Bed Fold.	12R-38	MFWD 225	0.053	1.00	Nov		0.05	0.05	0.05	0.04
App by Air (5 gal)	appl			1.00	Mar	1.0000				
Clarity	pt					0.5000				
Glyphosate Plus 4L	pt					1.3750				
Disk Bed (Hipper)	12R-38	MFWD 225	0.049	0.50	Mar		0.02	0.02	0.02	0.01
Custom Apply Fert	acre			1.00	Mar	1.0000				
Potash (60% K2O)	cwt					1.5000				
Fert Appl (Liquid)	12R-38	MFWD 225	0.051	1.00	Apr		0.05	0.05	0.07	0.04
UAN (32% N)	cwt					2.0000				
Row Cond (Plant)Fld	38'	MFWD 225	0.053	1.00	May		0.05	0.05	0.05	0.04
Plant & Pre-Folding	12R-38	MFWD 225	0.053	1.00	May		0.05	0.05	0.10	0.04
Cotton Seed BtRR	thous					52.5000				
BG/RR Cot Tech Fee	cap/ac					1.0000				
Temik 15G Gypsum	lb					3.5000				
Insect Scouting	acre			1.00	May	1.0000				
Eradication Fee	acre					1.0000				
Sprayer(600-825Gal)	90'		0.011	1.00	May			0.01	0.01	0.00
Dual II Magnum	pt					1.0000				
Glyphosate Plus 4L	pt					1.3750				
Acephate 90%	lb					0.2200				
Sprayer(600-825Gal)	90'		0.011	0.50	May			0.00	0.00	0.00
Glyphosate Plus 4L	pt					0.6875				
Sprayer(600-825Gal)	90'		0.011	1.00	Jun			0.01	0.01	0.00
Centric 40WG	oz					2.0000				
Mepiquat Chloride	oz					6.0000				
Fert Appl (Liquid)	12R-38	MFWD 225	0.051	1.00	Jun		0.05	0.05	0.07	0.04
UAN (32% N)	cwt					2.0000				
Spray (Direct/Layby)	12R-38	MFWD 225	0.044	1.00	Jul		0.04	0.04	0.06	0.03
Diuron 80%	lb					1.0000				
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Acephate 90%	lb					0.5500				
Mepiquat Chloride	oz					6.0000				
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Karate Z	oz					2.0000				
Bidrin 8L	oz					8.0000				
Incidental Pest				0.50	Jul					
App by Air (3 gal)	appl					0.5000				
Incidental Pest Trt	acre					0.5000				
App by Air (3 gal)	appl			1.00	Aug	1.0000				
Acephate 90%	lb					0.7500				
App by Air (5 gal)	appl			1.00	Sep	1.0000				
Thidiazuron 4lb	oz					2.0000				
Ethephon 6E	pt					1.3300				
Sprayer(600-825Gal)	90'		0.011	0.50	Sep			0.00	0.00	0.00
Tribufos 6lb	pt					0.5000				
Cotton Picker-1st-BB	6R-38(350)		0.172	1.00	Oct			0.17	0.34	0.13
Boll Buggy-1st pick	6R-38(325)	MFWD 225	0.172	1.00	Oct		0.17	0.17	0.17	0.13
Module Builder-1st	6R-38(325)	MFWD 225	0.172	1.00	Oct		0.17	0.17	0.34	0.13
Gin & Haul	lb			1.00	Oct	900.0000				
Stalk Shredder-Flail	20'	MFWD 225	0.082	1.00	Oct		0.08	0.08	0.08	0.06
TOTALS							0.96	0.76	1.45	0.77

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 7.D Estimated costs for field operations, per acre
Cotton, 12R-38" solid, conservation tillage
BtRR variety, Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST	
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL			
-----dollars-----											
Lime (Spread)	ton	20.00						1.75	21.75		21.75
Paratill & Bed Fold.	12R-38		1.45	1.07	0.99			0.31	3.82	3.69	7.51
App by Air (5 gal)	appl	4.50						0.26	4.76		4.76
Clarity	pt	5.80						0.34	6.14		6.14
Glyphosate Plus 4L	pt	3.23						0.19	3.42		3.42
Disk Bed (Hipper)	12R-38		0.67	0.26	0.45			0.08	1.46	1.34	2.80
Custom Apply Fert	acre	5.00						0.29	5.29		5.29
Potash (60% K2O)	cwt	19.50						1.14	20.64		20.64
Fert Appl (Liquid)	12R-38		1.39	0.82	1.14			0.17	3.52	2.59	6.11
UAN (32% N)	cwt	24.00						1.23	25.23		25.23
Row Cond (Plant)Fld	38'		1.45	0.46	0.99			0.13	3.03	3.01	6.04
Plant & Pre-Folding	12R-38		1.44	1.32	1.38			0.18	4.32	4.44	8.76
Cotton Seed BtRR	thous	24.15						1.06	25.21		25.21
BG/RR Cot Tech Fee	cap/ac	49.00						2.14	51.14		51.14
Temik 15G Gypsum	lb	11.66						0.51	12.17		12.17
Insect Scouting	acre	7.00						0.31	7.31		7.31
Eradication Fee	acre	5.50						0.24	5.74		5.74
Sprayer(600-825Gal)	90'		0.28	0.11	0.26			0.03	0.68	0.89	1.57
Dual II Magnum	pt	13.43						0.59	14.02		14.02
Glyphosate Plus 4L	pt	3.23						0.14	3.37		3.37
Acephate 90%	lb	1.69						0.07	1.76		1.76
Sprayer(600-825Gal)	90'		0.14	0.06	0.13			0.01	0.34	0.44	0.78
Glyphosate Plus 4L	pt	1.62						0.07	1.69		1.69
Sprayer(600-825Gal)	90'		0.28	0.11	0.26			0.02	0.67	0.89	1.56
Centric 40WG	oz	10.08						0.37	10.45		10.45
Mepiquat Chloride	oz	2.82						0.10	2.92		2.92
Fert Appl (Liquid)	12R-38		1.39	0.82	1.14			0.12	3.47	2.59	6.06
UAN (32% N)	cwt	24.00						0.88	24.88		24.88
Spray (Direct/Layby)	12R-38		1.20	0.57	0.97			0.08	2.82	2.07	4.89
Diuron 80%	lb	3.15						0.09	3.24		3.24
App by Air (3 gal)	appl	3.50						0.10	3.60		3.60
Acephate 90%	lb	4.22						0.12	4.34		4.34
Mepiquat Chloride	oz	2.82						0.08	2.90		2.90
App by Air (3 gal)	appl	3.50						0.10	3.60		3.60
Karate Z	oz	6.20						0.18	6.38		6.38
Bidrin 8L	oz	6.72						0.20	6.92		6.92
Incidental Pest											
App by Air (3 gal)	appl	1.75						0.05	1.80		1.80
Incidental Pest Trt	acre	6.00						0.18	6.18		6.18
App by Air (3 gal)	appl	3.50						0.08	3.58		3.58
Acephate 90%	lb	5.76						0.13	5.89		5.89
App by Air (5 gal)	appl	4.50						0.07	4.57		4.57
Thidiazuron 4lb	oz	4.86						0.07	4.93		4.93
Ethephon 6E	pt	6.94						0.10	7.04		7.04
Sprayer(600-825Gal)	90'		0.14	0.06	0.13				0.33	0.44	0.77
Tribufos 6lb	pt	3.58						0.05	3.63		3.63
Cotton Picker-1st-BB	6R-38(350)		7.23	10.35	4.43			0.16	22.17	49.54	71.71
Boll Buggy-1st pick	6R-38(325)		4.65	1.88	3.17			0.07	9.77	8.75	18.52
Module Builder-1st	6R-38(325)		4.65	2.19	4.43			0.08	11.35	9.58	20.93
Gin & Haul	lb	81.00						0.59	81.59		81.59
Stalk Shredder-Flail	20'		2.23	1.75	1.51			0.04	5.53	3.86	9.39
TOTALS		384.21	28.59	21.83	21.38	0.00	15.35	471.36	94.12	565.48	

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 7.E Estimated monthly income and expense flows per acre
 Cotton, 12R-38" solid, conservation tillage
 BtRR variety, Delta Area, Mississippi, 2008

ITEM	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
-----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	705.15
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	4.50	0.00	0.00	0.00	8.75	3.50	4.50	0.00
HARVEST AIDS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.38	0.00
GINNING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	81.00
FERTILIZERS	0.00	0.00	0.00	0.00	19.50	24.00	0.00	24.00	0.00	0.00	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	9.03	0.00	18.28	0.00	3.15	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	13.35	10.08	23.14	5.76	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	24.15	0.00	0.00	0.00	0.00	0.00
TECHNOLOGY FEE	0.00	0.00	0.00	0.00	0.00	0.00	49.00	0.00	0.00	0.00	0.00	0.00
GROWTH REGULATORS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.82	2.82	0.00	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ERADICATION FEE	0.00	0.00	0.00	0.00	0.00	0.00	5.50	0.00	0.00	0.00	0.00	0.00
INSECT SCOUTING	0.00	0.00	0.00	0.00	0.00	0.00	7.00	0.00	0.00	0.00	0.00	0.00
CUSTOM LIME	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LABOR	0.99	0.00	0.00	0.00	0.45	1.14	2.76	1.40	0.97	0.00	0.13	13.54
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	1.45	0.00	0.00	0.00	0.67	1.39	3.31	1.67	1.20	0.00	0.14	18.76
REPAIR & MAINTENANCE	1.07	0.00	0.00	0.00	0.26	0.82	1.95	0.93	0.57	0.00	0.06	16.17
INTEREST ON OP. CAP.	2.06	0.00	0.00	0.00	2.30	1.40	5.48	1.49	1.18	0.21	0.29	0.94
TOTAL DIRECT EXPENSES	25.57	0.00	0.00	0.00	41.71	28.75	130.78	42.39	41.78	9.47	20.50	130.41
NET INCOME	-25.57	0.00	0.00	0.00	-41.71	-28.75	-130.78	-42.39	-41.78	-9.47	-20.50	574.74
NET INCOME TO DATE	-25.57	-25.57	-25.57	-25.57	-67.28	-96.03	-226.81	-269.20	-310.98	-320.45	-340.95	233.79

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

Fertilization decisions should be based on soil tests.

* Lease costs are based on hourly usage costs.

Table 7.F Estimated returns for various price/yield combinations, per acre
 Cotton, 12R-38" solid, conservation tillage
 BtRR variety, Delta Area, Mississippi, 2008

PRODUCT			-----PERCENT-----										
			75	80	85	90	95	100	105	110	115	120	125
			-----PRODUCT PRICE-----										
Cotton Lint			0.53	0.57	0.60	0.64	0.68	0.71	0.75	0.78	0.82	0.85	0.89
PERCENT	YIELD	UNIT	-----dollars-----										
50	450.00	lb	-128	-112	-95	-79	-63	-47	-31	-15	0	16	32
			-222	-206	-190	-173	-157	-141	-125	-109	-93	-77	-61
60	540.00	lb	-87	-68	-49	-29	-10	8	27	47	66	85	105
			-182	-162	-143	-124	-104	-85	-66	-46	-27	-8	11
70	630.00	lb	-47	-25	-2	19	42	64	87	110	132	155	177
			-141	-119	-96	-74	-51	-29	-6	15	38	61	83
80	720.00	lb	-7	18	43	69	95	121	147	172	198	224	250
			-101	-75	-50	-24	1	27	52	78	104	130	155
90	810.00	lb	32	61	90	119	148	177	206	235	264	293	322
			-61	-32	-3	25	54	83	112	141	170	199	228
100	900.00	lb	72	104	137	169	201	233	266	298	330	362	394
			-21	10	43	75	107	139	171	204	236	268	300
110	990.00	lb	112	148	183	219	254	290	325	360	396	431	467
			18	54	89	125	160	195	231	266	302	337	373
120	1080.00	lb	153	191	230	269	307	346	385	423	462	501	539
			58	97	136	174	213	252	290	329	368	406	445
130	1170.00	lb	193	235	276	318	360	402	444	486	528	570	612
			99	140	182	224	266	308	350	392	434	476	517
140	1260.00	lb	233	278	323	368	413	458	504	549	594	639	684
			139	184	229	274	319	364	409	455	500	545	590
150	1350.00	lb	273	321	370	418	466	515	563	611	660	708	756
			179	227	276	324	372	421	469	517	566	614	662

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 8.A Estimated costs per acre
 Cotton, 12R-38" solid, conservation tillage
 BGII/Flex variety, Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	4.50	2.0000	9.00	_____
App by Air (3 gal)	appl	3.50	3.2500	11.38	_____
HARVEST AIDS					
Thidiazuron 4lb	oz	2.43	2.0000	4.86	_____
Ethephon 6E	pt	5.22	1.3300	6.94	_____
Tribufos 6lb	pt	7.15	0.5000	3.58	_____
GINNING					
Gin & Haul	lb	0.09	900.0000	81.00	_____
FERTILIZERS					
Potash (60% K2O)	cwt	13.00	1.5000	19.50	_____
UAN (32% N)	cwt	12.00	4.0000	48.00	_____
HERBICIDES					
Clarity	pt	11.60	0.5000	5.80	_____
Glyphosate Plus 4L	pt	2.35	5.5000	12.93	_____
Dual II Magnum	pt	13.43	1.0000	13.43	_____
Diuron 80%	lb	3.15	1.0000	3.15	_____
INSECTICIDES					
Temik 15G Gypsum	lb	3.33	3.5000	11.66	_____
Acephate 90%	lb	7.68	1.5200	11.67	_____
Centric 40WG	oz	5.04	2.0000	10.08	_____
Karate Z	oz	3.10	0.5000	1.55	_____
Bidrin 8L	oz	0.84	2.0000	1.68	_____
Incidental Pest Trt	acre	12.00	1.0000	12.00	_____
SEED/PLANTS					
Cotton Seed BtRR	thous	0.46	52.5000	24.15	_____
TECHNOLOGY FEE					
BG/RR Cot Tech Fee	cap/ac	49.00	1.0000	49.00	_____
GROWTH REGULATORS					
Mepiquat Chloride	oz	0.47	12.0000	5.64	_____
CUSTOM FERTILIZE					
Custom Apply Fert	acre	5.00	1.0000	5.00	_____
ERADICATION FEE					
Eradiation Fee	acre	5.50	1.0000	5.50	_____
INSECT SCOUTING					
Insect Scouting	acre	7.00	1.0000	7.00	_____
CUSTOM LIME					
Lime (Spread)	ton	40.00	0.5000	20.00	_____
OPERATOR LABOR					
Tractors	hour	10.21	0.7606	7.77	_____
Self-Propelled	hour	10.21	0.2134	2.18	_____
HAND LABOR					
Implements	hour	7.31	0.2997	2.19	_____
Self-Propelled	hour	7.31	0.1928	1.40	_____
UNALLOCATED LABOR	hour	10.22	0.7792	7.97	_____
DIESEL FUEL					
Tractors	gal	2.33	8.8096	20.52	_____
Self-Propelled	gal	2.33	3.5276	8.21	_____
REPAIR & MAINTENANCE					
Implements	acre	7.77	1.0000	7.77	_____
Tractors	acre	3.37	1.0000	3.37	_____
Self-Propelled	acre	10.74	1.0000	10.74	_____
INTEREST ON OP. CAP.	acre	15.43	1.0000	15.43	_____
TOTAL DIRECT EXPENSES				472.04	_____
FIXED EXPENSES					
Implements	acre	15.99	1.0000	15.99	_____
Tractors	acre	25.93	1.0000	25.93	_____
Self-Propelled	acre	52.65	1.0000	52.65	_____
TOTAL FIXED EXPENSES				94.57	_____
TOTAL SPECIFIED EXPENSES				566.61	_____

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 8.B Summary of estimated costs and returns per acre
 Cotton, 12R-38" solid, conservation tillage
 BGII/Flex variety, Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.71	900.0000	644.40	_____
Cotton Seed	lb	0.04	1350.0000	60.75	_____

TOTAL INCOME				705.15	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	20.38	1.0000	20.38	_____
HARVEST AIDS	acre	15.38	1.0000	15.38	_____
GINNING	acre	81.00	1.0000	81.00	_____
FERTILIZERS	acre	67.50	1.0000	67.50	_____
HERBICIDES	acre	35.30	1.0000	35.30	_____
INSECTICIDES	acre	48.64	1.0000	48.64	_____
SEED/PLANTS	acre	24.15	1.0000	24.15	_____
TECHNOLOGY FEE	acre	49.00	1.0000	49.00	_____
GROWTH REGULATORS	acre	5.64	1.0000	5.64	_____
CUSTOM FERTILIZE	acre	5.00	1.0000	5.00	_____
ERADICATION FEE	acre	5.50	1.0000	5.50	_____
INSECT SCOUTING	acre	7.00	1.0000	7.00	_____
CUSTOM LIME	acre	20.00	1.0000	20.00	_____
HAND LABOR	hour	7.31	0.4925	3.59	_____
OPERATOR LABOR	hour	10.21	0.9741	9.95	_____
UNALLOCATED LABOR	hour	10.22	0.7792	7.97	_____
DIESEL FUEL	gal	2.33	12.3372	28.73	_____
REPAIR & MAINTENANCE	acre	21.88	1.0000	21.88	_____
INTEREST ON OP. CAP.	acre	15.43	1.0000	15.43	_____

TOTAL DIRECT EXPENSES				472.04	_____
RETURNS ABOVE DIRECT EXPENSES				233.11	_____

TOTAL FIXED EXPENSES				94.57	_____

TOTAL SPECIFIED EXPENSES				566.61	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				138.54	_____

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 8.C Estimated resource use for field operations, per acre
 Cotton, 12R-38" solid, conservation tillage
 BGII/Flex variety, Delta Area, 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-----										
Lime (Spread)	ton			0.25	Nov	0.5000				
Paratill & Bed Fold.	12R-38	MFWD 225	0.053	1.00	Nov		0.05	0.05	0.05	0.04
App by Air (5 gal)	appl			1.00	Mar	1.0000				
Clarity	pt					0.5000				
Glyphosate Plus 4L	pt					1.3750				
Disk Bed (Hipper)	12R-38	MFWD 225	0.049	0.50	Mar		0.02	0.02	0.02	0.01
Custom Apply Fert	acre			1.00	Mar	1.0000				
Potash (60% K2O)	cwt					1.5000				
Fert Appl (Liquid)	12R-38	MFWD 225	0.051	1.00	Apr		0.05	0.05	0.07	0.04
UAN (32% N)	cwt					2.0000				
Row Cond (Plant)Fld	38'	MFWD 225	0.053	1.00	May		0.05	0.05	0.05	0.04
Plant & Pre-Folding	12R-38	MFWD 225	0.053	1.00	May		0.05	0.05	0.10	0.04
Cotton Seed BTRR	thous					52.5000				
BG/RR Cot Tech Fee	cap/ac					1.0000				
Temik 15G Gypsum	lb					3.5000				
Insect Scouting	acre			1.00	May	1.0000				
Eradication Fee	acre					1.0000				
Sprayer(600-825Gal)	90'		0.011	1.00	May			0.01	0.01	0.00
Dual II Magnum	pt					1.0000				
Glyphosate Plus 4L	pt					1.3750				
Acephate 90%	lb					0.2200				
Sprayer(600-825Gal)	90'		0.011	1.00	May			0.01	0.01	0.00
Glyphosate Plus 4L	pt					1.3750				
Sprayer(600-825Gal)	90'		0.011	1.00	Jun			0.01	0.01	0.00
Centric 40WG	oz					2.0000				
Mepiquat Chloride	oz					6.0000				
Glyphosate Plus 4L	pt					1.3750				
Fert Appl (Liquid)	12R-38	MFWD 225	0.051	1.00	Jun		0.05	0.05	0.07	0.04
UAN (32% N)	cwt					2.0000				
Spray (Direct/Layby)	12R-38	MFWD 225	0.044	1.00	Jul		0.04	0.04	0.06	0.03
Diuron 80%	lb					1.0000				
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Acephate 90%	lb					0.5500				
Mepiquat Chloride	oz					6.0000				
App by Air (3 gal)	appl			0.25	Jul	0.2500				
Karate Z	oz					0.5000				
Bidrin 8L	oz					2.0000				
Incidental Pest				1.00	Jul					
App by Air (3 gal)	appl					1.0000				
Incidental Pest Trt	acre					1.0000				
App by Air (3 gal)	appl			1.00	Aug	1.0000				
Acephate 90%	lb					0.7500				
App by Air (5 gal)	appl			1.00	Sep	1.0000				
Thidiazuron 4lb	oz					2.0000				
Ethephon 6E	pt					1.3300				
Sprayer(600-825Gal)	90'		0.011	0.50	Sep			0.00	0.00	0.00
Tribufos 6lb	pt					0.5000				
Cotton Picker-1st-BB	6R-38(350)		0.172	1.00	Oct			0.17	0.34	0.13
Boll Buggy-1st pick	6R-38(325)	MFWD 225	0.172	1.00	Oct		0.17	0.17	0.17	0.13
Module Builder-1st	6R-38(325)	MFWD 225	0.172	1.00	Oct		0.17	0.17	0.34	0.13
Gin & Haul	lb			1.00	Oct	900.0000				
Stalk Shredder-Flail	20'	MFWD 225	0.082	1.00	Oct		0.08	0.08	0.08	0.06
TOTALS							0.97	0.76	1.46	0.77

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 8.D Estimated costs for field operations, per acre
Cotton, 12R-38" solid, conservation tillage
BGII/Flex variety, Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST	
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL			
-----dollars-----											
Lime (Spread)	ton	20.00						1.75	21.75		21.75
Paratill & Bed Fold.	12R-38		1.45	1.07	0.99			0.31	3.82	3.69	7.51
App by Air (5 gal)	appl	4.50						0.26	4.76		4.76
Clarity	pt	5.80						0.34	6.14		6.14
Glyphosate Plus 4L	pt	3.23						0.19	3.42		3.42
Disk Bed (Hipper)	12R-38		0.67	0.26	0.45			0.08	1.46	1.34	2.80
Custom Apply Fert	acre	5.00						0.29	5.29		5.29
Potash (60% K2O)	cwt	19.50						1.14	20.64		20.64
Fert Appl (Liquid)	12R-38		1.39	0.82	1.14			0.17	3.52	2.59	6.11
UAN (32% N)	cwt	24.00						1.23	25.23		25.23
Row Cond (Plant)Fld	38'		1.45	0.46	0.99			0.13	3.03	3.01	6.04
Plant & Pre-Folding	12R-38		1.44	1.32	1.38			0.18	4.32	4.44	8.76
Cotton Seed BtRR	thous	24.15						1.06	25.21		25.21
BG/RR Cot Tech Fee	cap/ac	49.00						2.14	51.14		51.14
Temik 15G Gypsum	lb	11.66						0.51	12.17		12.17
Insect Scouting	acre	7.00						0.31	7.31		7.31
Eradication Fee	acre	5.50						0.24	5.74		5.74
Sprayer(600-825Gal)	90'		0.28	0.11	0.26			0.03	0.68	0.89	1.57
Dual II Magnum	pt	13.43						0.59	14.02		14.02
Glyphosate Plus 4L	pt	3.23						0.14	3.37		3.37
Acephate 90%	lb	1.69						0.07	1.76		1.76
Sprayer(600-825Gal)	90'		0.28	0.11	0.26			0.03	0.68	0.89	1.57
Glyphosate Plus 4L	pt	3.23						0.14	3.37		3.37
Sprayer(600-825Gal)	90'		0.28	0.11	0.26			0.02	0.67	0.89	1.56
Centric 40WG	oz	10.08						0.37	10.45		10.45
Mepiquat Chloride	oz	2.82						0.10	2.92		2.92
Glyphosate Plus 4L	pt	3.23						0.12	3.35		3.35
Fert Appl (Liquid)	12R-38		1.39	0.82	1.14			0.12	3.47	2.59	6.06
UAN (32% N)	cwt	24.00						0.88	24.88		24.88
Spray (Direct/Layby)	12R-38		1.20	0.57	0.97			0.08	2.82	2.07	4.89
Diuron 80%	lb	3.15						0.09	3.24		3.24
App by Air (3 gal)	appl	3.50						0.10	3.60		3.60
Acephate 90%	lb	4.22						0.12	4.34		4.34
Mepiquat Chloride	oz	2.82						0.08	2.90		2.90
App by Air (3 gal)	appl	0.88						0.03	0.91		0.91
Karate Z	oz	1.55						0.05	1.60		1.60
Bidrin 8L	oz	1.68						0.05	1.73		1.73
Incidental Pest											
App by Air (3 gal)	appl	3.50						0.10	3.60		3.60
Incidental Pest Trt	acre	12.00						0.35	12.35		12.35
App by Air (3 gal)	appl	3.50						0.08	3.58		3.58
Acephate 90%	lb	5.76						0.13	5.89		5.89
App by Air (5 gal)	appl	4.50						0.07	4.57		4.57
Thidiazuron 4lb	oz	4.86						0.07	4.93		4.93
Ethephon 6E	pt	6.94						0.10	7.04		7.04
Sprayer(600-825Gal)	90'		0.14	0.06	0.13				0.33	0.44	0.77
Tribufos 6lb	pt	3.58						0.05	3.63		3.63
Cotton Picker-1st-BB	6R-38(350)		7.23	10.35	4.43			0.16	22.17	49.54	71.71
Boll Buggy-1st pick	6R-38(325)		4.65	1.88	3.17			0.07	9.77	8.75	18.52
Module Builder-1st	6R-38(325)		4.65	2.19	4.43			0.08	11.35	9.58	20.93
Gin & Haul	lb	81.00						0.59	81.59		81.59
Stalk Shredder-Flail	20'		2.23	1.75	1.51			0.04	5.53	3.86	9.39
TOTALS			384.49	28.73	21.88	21.51	0.00	15.43	472.04	94.57	566.61

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 8.E Estimated monthly income and expense flows per acre
 Cotton, 12R-38" solid, conservation tillage
 BGII/Flex variety, Delta Area, Mississippi, 2008

ITEM	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
-----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	705.15
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	4.50	0.00	0.00	0.00	7.88	3.50	4.50	0.00
HARVEST AIDS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.38	0.00
GINNING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	81.00
FERTILIZERS	0.00	0.00	0.00	0.00	19.50	24.00	0.00	24.00	0.00	0.00	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	9.03	0.00	19.89	3.23	3.15	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	13.35	10.08	19.45	5.76	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	24.15	0.00	0.00	0.00	0.00	0.00
TECHNOLOGY FEE	0.00	0.00	0.00	0.00	0.00	0.00	49.00	0.00	0.00	0.00	0.00	0.00
GROWTH REGULATORS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.82	2.82	0.00	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ERADICATION FEE	0.00	0.00	0.00	0.00	0.00	0.00	5.50	0.00	0.00	0.00	0.00	0.00
INSECT SCOUTING	0.00	0.00	0.00	0.00	0.00	0.00	7.00	0.00	0.00	0.00	0.00	0.00
CUSTOM LIME	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LABOR	0.99	0.00	0.00	0.00	0.45	1.14	2.89	1.40	0.97	0.00	0.13	13.54
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	1.45	0.00	0.00	0.00	0.67	1.39	3.45	1.67	1.20	0.00	0.14	18.76
REPAIR & MAINTENANCE	1.07	0.00	0.00	0.00	0.26	0.82	2.00	0.93	0.57	0.00	0.06	16.17
INTEREST ON OP. CAP.	2.06	0.00	0.00	0.00	2.30	1.40	5.57	1.61	1.05	0.21	0.29	0.94
TOTAL DIRECT EXPENSES	25.57	0.00	0.00	0.00	41.71	28.75	132.80	45.74	37.09	9.47	20.50	130.41
NET INCOME	-25.57	0.00	0.00	0.00	-41.71	-28.75	-132.80	-45.74	-37.09	-9.47	-20.50	574.74
NET INCOME TO DATE	-25.57	-25.57	-25.57	-25.57	-67.28	-96.03	-228.83	-274.57	-311.66	-321.13	-341.63	233.11

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

Fertilization decisions should be based on soil tests.

* Lease costs are based on hourly usage costs.

Table 8.F Estimated returns for various price/yield combinations, per acre
 Cotton, 12R-38" solid, conservation tillage
 BGII/Flex variety, Delta Area, Mississippi, 2008

PRODUCT			PERCENT										
			75	80	85	90	95	100	105	110	115	120	125
Cotton Lint			0.53	0.57	0.60	0.64	0.68	0.71	0.75	0.78	0.82	0.85	0.89
PERCENT	YIELD	UNIT	dollars										
50	450.00	lb	-128	-112	-96	-80	-64	-48	-32	-16	0	16	32
			-223	-207	-191	-175	-158	-142	-126	-110	-94	-78	-62
60	540.00	lb	-88	-69	-50	-30	-11	7	27	46	65	85	104
			-183	-163	-144	-125	-105	-86	-67	-47	-28	-9	10
70	630.00	lb	-48	-25	-3	19	41	64	86	109	131	154	177
			-143	-120	-97	-75	-52	-30	-7	14	37	59	82
80	720.00	lb	-8	17	43	68	94	120	146	172	197	223	249
			-102	-77	-51	-25	0	25	51	77	103	129	154
90	810.00	lb	31	60	89	118	147	176	205	234	263	292	321
			-62	-33	-4	24	53	82	111	140	169	198	227
100	900.00	lb	72	104	136	168	200	233	265	297	329	361	394
			-22	9	41	74	106	138	170	202	235	267	299
110	990.00	lb	112	147	183	218	253	289	324	360	395	431	466
			17	53	88	123	159	194	230	265	301	336	372
120	1080.00	lb	152	191	229	268	307	345	384	423	461	500	538
			57	96	135	173	212	251	289	328	367	405	444
130	1170.00	lb	192	234	276	318	360	401	443	485	527	569	611
			97	139	181	223	265	307	349	391	433	474	516
140	1260.00	lb	232	277	322	368	413	458	503	548	593	638	683
			138	183	228	273	318	363	408	453	498	544	589
150	1350.00	lb	272	321	369	417	466	514	562	611	659	707	756
			178	226	274	323	371	419	468	516	564	613	661

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 9.A Estimated costs per acre
 Cotton, 12R-38" solid, no-till
 BtRR variety, Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	4.50	2.0000	9.00	_____
App by Air (3 gal)	appl	3.50	3.5000	12.25	_____
HARVEST AIDS					
Thidiazuron 4lb	oz	2.43	2.0000	4.86	_____
Ethephon 6E	pt	5.22	1.3300	6.94	_____
Tribufos 6lb	pt	7.15	0.5000	3.58	_____
GINNING					
Gin & Haul	lb	0.09	900.0000	81.00	_____
FERTILIZERS					
Potash (60% K2O)	cwt	13.00	1.5000	19.50	_____
Amm Nitrate (34% N)	cwt	16.00	2.0000	32.00	_____
UAN (32% N)	cwt	12.00	2.0000	24.00	_____
HERBICIDES					
Clarity	pt	11.60	0.5000	5.80	_____
Glyphosate Plus 4L	pt	2.35	3.4375	8.08	_____
Dual II Magnum	pt	13.43	1.0000	13.43	_____
Diuron 80%	lb	3.15	1.0000	3.15	_____
INSECTICIDES					
Temik 15G Gypsum	lb	3.33	3.5000	11.66	_____
Acephate 90%	lb	7.68	1.5200	11.67	_____
Centric 40WG	oz	5.04	2.0000	10.08	_____
Karate Z	oz	3.10	2.0000	6.20	_____
Bidrin 8L	oz	0.84	8.0000	6.72	_____
Incidental Pest Trt	acre	12.00	0.5000	6.00	_____
SEED/PLANTS					
Cotton Seed BtRR	thous	0.46	52.5000	24.15	_____
TECHNOLOGY FEE					
BG/RR Cot Tech Fee	cap/ac	49.00	1.0000	49.00	_____
GROWTH REGULATORS					
Mepiquat Chloride	oz	0.47	12.0000	5.64	_____
CUSTOM FERTILIZE					
Custom Apply Fert	acre	5.00	1.0000	5.00	_____
ERADICATION FEE					
Eradication Fee	acre	5.50	1.0000	5.50	_____
INSECT SCOUTING					
Insect Scouting	acre	7.00	1.0000	7.00	_____
CUSTOM LIME					
Lime (Spread)	ton	40.00	0.5000	20.00	_____
OPERATOR LABOR					
Tractors	hour	10.21	0.6327	6.46	_____
Self-Propelled	hour	10.21	0.2075	2.12	_____
HAND LABOR					
Implements	hour	7.31	0.2760	2.02	_____
Self-Propelled	hour	7.31	0.1899	1.38	_____
UNALLOCATED LABOR					
	hour	10.21	0.6722	6.87	_____
DIESEL FUEL					
Tractors	gal	2.33	7.3284	17.07	_____
Self-Propelled	gal	2.33	3.4671	8.07	_____
REPAIR & MAINTENANCE					
Implements	acre	6.36	1.0000	6.36	_____
Tractors	acre	2.80	1.0000	2.80	_____
Self-Propelled	acre	10.69	1.0000	10.69	_____
INTEREST ON OP. CAP.	acre	15.48	1.0000	15.48	_____
TOTAL DIRECT EXPENSES				471.53	_____
FIXED EXPENSES					
Implements	acre	13.19	1.0000	13.19	_____
Tractors	acre	21.58	1.0000	21.58	_____
Self-Propelled	acre	52.20	1.0000	52.20	_____
TOTAL FIXED EXPENSES				86.97	_____
TOTAL SPECIFIED EXPENSES				558.50	_____

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 9.B Summary of estimated costs and returns per acre
 Cotton, 12R-38" solid, no-till
 BtRR variety, Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.71	900.0000	644.40	_____
Cotton Seed	lb	0.04	1350.0000	60.75	_____

TOTAL INCOME				705.15	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	21.25	1.0000	21.25	_____
HARVEST AIDS	acre	15.38	1.0000	15.38	_____
GINNING	acre	81.00	1.0000	81.00	_____
FERTILIZERS	acre	75.50	1.0000	75.50	_____
HERBICIDES	acre	30.46	1.0000	30.46	_____
INSECTICIDES	acre	52.33	1.0000	52.33	_____
SEED/PLANTS	acre	24.15	1.0000	24.15	_____
TECHNOLOGY FEE	acre	49.00	1.0000	49.00	_____
GROWTH REGULATORS	acre	5.64	1.0000	5.64	_____
CUSTOM FERTILIZE	acre	5.00	1.0000	5.00	_____
ERADICATION FEE	acre	5.50	1.0000	5.50	_____
INSECT SCOUTING	acre	7.00	1.0000	7.00	_____
CUSTOM LIME	acre	20.00	1.0000	20.00	_____
HAND LABOR	hour	7.31	0.4660	3.40	_____
OPERATOR LABOR	hour	10.21	0.8403	8.58	_____
UNALLOCATED LABOR	hour	10.21	0.6722	6.87	_____
DIESEL FUEL	gal	2.33	10.7955	25.14	_____
REPAIR & MAINTENANCE	acre	19.85	1.0000	19.85	_____
INTEREST ON OP. CAP.	acre	15.48	1.0000	15.48	_____

TOTAL DIRECT EXPENSES				471.53	_____
RETURNS ABOVE DIRECT EXPENSES				233.62	_____

TOTAL FIXED EXPENSES				86.97	_____

TOTAL SPECIFIED EXPENSES				558.50	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				146.65	_____

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 9.C Estimated resource use for field operations, per acre
 Cotton, 12R-38" solid, no-till
 BtRR variety, Delta Area, 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-----				
Lime (Spread)	ton			0.25	Nov	0.5000				
App by Air (5 gal)	appl			1.00	Mar	1.0000				
Clarity	pt					0.5000				
Glyphosate Plus 4L	pt					1.3750				
Custom Apply Fert	acre			1.00	Mar	1.0000				
Potash (60% K2O)	cwt					1.5000				
Amm Nitrate (34% N)	cwt					2.0000				
Row Cond (Plant)Fld	38'	MFWD 225	0.053	1.00	May		0.05	0.05	0.05	0.04
NT Plant&Pre-Folding	12R-38	MFWD 225	0.055	1.00	May		0.05	0.05	0.11	0.04
Cotton Seed BtRR	thous					52.5000				
BG/RR Cot Tech Fee	cap/ac					1.0000				
Temik 15G Gypsum	lb					3.5000				
Insect Scouting	acre			1.00	May	1.0000				
Eradication Fee	acre					1.0000				
Sprayer(600-825Gal)	90'		0.011	1.00	May			0.01	0.01	0.00
Dual II Magnum	pt					1.0000				
Glyphosate Plus 4L	pt					1.3750				
Acephate 90%	lb					0.2200				
Sprayer(600-825Gal)	90'		0.011	0.50	May			0.00	0.00	0.00
Glyphosate Plus 4L	pt					0.6875				
Sprayer(600-825Gal)	90'		0.011	1.00	Jun			0.01	0.01	0.00
Centric 40WG	oz					2.0000				
Mepiquat Chloride	oz					6.0000				
Fert Appl (Liquid)	12R-38	MFWD 225	0.051	1.00	Jun		0.05	0.05	0.07	0.04
UAN (32% N)	cwt					2.0000				
Spray (Direct/Layby)	12R-38	MFWD 225	0.044	1.00	Jun		0.04	0.04	0.06	0.03
Diuron 80%	lb					1.0000				
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Acephate 90%	lb					0.5500				
Mepiquat Chloride	oz					6.0000				
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Karate Z	oz					2.0000				
Bidrin 8L	oz					8.0000				
Incidental Pest				0.50	Jul					
App by Air (3 gal)	appl					0.5000				
Incidental Pest Trt	acre					0.5000				
App by Air (3 gal)	appl			1.00	Aug	1.0000				
Acephate 90%	lb					0.7500				
App by Air (5 gal)	appl			1.00	Sep	1.0000				
Thidiazuron 4lb	oz					2.0000				
Ethephon 6E	pt					1.3300				
Sprayer(600-825Gal)	90'		0.011	0.50	Sep			0.00	0.00	0.00
Tribufos 6lb	pt					0.5000				
Cotton Picker-1st-BB	6R-38(350)		0.172	1.00	Oct			0.17	0.34	0.13
Boll Buggy-1st pick	6R-38(325)	MFWD 225	0.172	1.00	Oct		0.17	0.17	0.17	0.13
Module Builder-1st	6R-38(325)	MFWD 225	0.172	1.00	Oct		0.17	0.17	0.34	0.13
Gin & Haul	lb			1.00	Oct	900.0000				
Stalk Shredder-Flail	20'	MFWD 225	0.082	1.00	Oct		0.08	0.08	0.08	0.06
TOTALS							0.84	0.63	1.30	0.67

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 9.D Estimated costs for field operations, per acre
Cotton, 12R-38" solid, no-till
BtRR variety, Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST	
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL			
-----dollars-----											
Lime (Spread)	ton	20.00						1.75	21.75		21.75
App by Air (5 gal)	appl	4.50						0.26	4.76		4.76
Clarity	pt	5.80						0.34	6.14		6.14
Glyphosate Plus 4L	pt	3.23						0.19	3.42		3.42
Custom Apply Fert	acre	5.00						0.29	5.29		5.29
Potash (60% K2O)	cwt	19.50						1.14	20.64		20.64
Amm Nitrate (34% N)	cwt	32.00						1.87	33.87		33.87
Row Cond (Plant)Fld	38'		1.45	0.46	0.99			0.13	3.03	3.01	6.04
NT Plant&Pre-Folding	12R-38		1.50	1.49	1.43			0.19	4.61	4.91	9.52
Cotton Seed BtRR	thous	24.15						1.06	25.21		25.21
BG/RR Cot Tech Fee	cap/ac	49.00						2.14	51.14		51.14
Temik 15G Gypsum	lb	11.66						0.51	12.17		12.17
Insect Scouting	acre	7.00						0.31	7.31		7.31
Eradication Fee	acre	5.50						0.24	5.74		5.74
Sprayer(600-825Gal)	90'		0.28	0.11	0.26			0.03	0.68	0.89	1.57
Dual II Magnum	pt	13.43						0.59	14.02		14.02
Glyphosate Plus 4L	pt	3.23						0.14	3.37		3.37
Acephate 90%	lb	1.69						0.07	1.76		1.76
Sprayer(600-825Gal)	90'		0.14	0.06	0.13			0.01	0.34	0.44	0.78
Glyphosate Plus 4L	pt	1.62						0.07	1.69		1.69
Sprayer(600-825Gal)	90'		0.28	0.11	0.26			0.02	0.67	0.89	1.56
Centric 40WG	oz	10.08						0.37	10.45		10.45
Mepiquat Chloride	oz	2.82						0.10	2.92		2.92
Fert Appl (Liquid)	12R-38		1.39	0.82	1.14			0.12	3.47	2.59	6.06
UAN (32% N)	cwt	24.00						0.88	24.88		24.88
Spray (Direct/Layby)	12R-38		1.20	0.57	0.97			0.10	2.84	2.07	4.91
Diuron 80%	lb	3.15						0.11	3.26		3.26
App by Air (3 gal)	appl	3.50						0.10	3.60		3.60
Acephate 90%	lb	4.22						0.12	4.34		4.34
Mepiquat Chloride	oz	2.82						0.08	2.90		2.90
App by Air (3 gal)	appl	3.50						0.10	3.60		3.60
Karate Z	oz	6.20						0.18	6.38		6.38
Bidrin 8L	oz	6.72						0.20	6.92		6.92
Incidental Pest											
App by Air (3 gal)	appl	1.75						0.05	1.80		1.80
Incidental Pest Trt	acre	6.00						0.18	6.18		6.18
App by Air (3 gal)	appl	3.50						0.08	3.58		3.58
Acephate 90%	lb	5.76						0.13	5.89		5.89
App by Air (5 gal)	appl	4.50						0.07	4.57		4.57
Thidiazuron 4lb	oz	4.86						0.07	4.93		4.93
Ethephon 6E	pt	6.94						0.10	7.04		7.04
Sprayer(600-825Gal)	90'		0.14	0.06	0.13				0.33	0.44	0.77
Tribufos 6lb	pt	3.58						0.05	3.63		3.63
Cotton Picker-1st-BB	6R-38(350)		7.23	10.35	4.43			0.16	22.17	49.54	71.71
Boll Buggy-1st pick	6R-38(325)		4.65	1.88	3.17			0.07	9.77	8.75	18.52
Module Builder-1st	6R-38(325)		4.65	2.19	4.43			0.08	11.35	9.58	20.93
Gin & Haul	lb	81.00						0.59	81.59		81.59
Stalk Shredder-Flail	20'		2.23	1.75	1.51			0.04	5.53	3.86	9.39
TOTALS			392.21	25.14	19.85	18.85	0.00	15.48	471.53	86.97	558.50

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

Fertilization decisions should be based on soil tests.

Table 9.E Estimated monthly income and expense flows per acre
 Cotton, 12R-38" solid, no-till
 BtRR variety, Delta Area, Mississippi, 2008

ITEM	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
-----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	705.15
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	4.50	0.00	0.00	0.00	8.75	3.50	4.50	0.00
HARVEST AIDS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.38	0.00
GINNING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	81.00
FERTILIZERS	0.00	0.00	0.00	0.00	51.50	0.00	0.00	24.00	0.00	0.00	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	9.03	0.00	18.28	3.15	0.00	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	13.35	10.08	23.14	5.76	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	24.15	0.00	0.00	0.00	0.00	0.00
TECHNOLOGY FEE	0.00	0.00	0.00	0.00	0.00	0.00	49.00	0.00	0.00	0.00	0.00	0.00
GROWTH REGULATORS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.82	2.82	0.00	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ERADICATION FEE	0.00	0.00	0.00	0.00	0.00	0.00	5.50	0.00	0.00	0.00	0.00	0.00
INSECT SCOUTING	0.00	0.00	0.00	0.00	0.00	0.00	7.00	0.00	0.00	0.00	0.00	0.00
CUSTOM LIME	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LABOR	0.00	0.00	0.00	0.00	0.00	0.00	2.81	2.37	0.00	0.00	0.13	13.54
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	3.37	2.87	0.00	0.00	0.14	18.76
REPAIR & MAINTENANCE	0.00	0.00	0.00	0.00	0.00	0.00	2.12	1.50	0.00	0.00	0.06	16.17
INTEREST ON OP. CAP.	1.75	0.00	0.00	0.00	4.09	0.00	5.49	1.70	1.01	0.21	0.29	0.94
TOTAL DIRECT EXPENSES	21.75	0.00	0.00	0.00	74.12	0.00	131.07	48.49	35.72	9.47	20.50	130.41
NET INCOME	-21.75	0.00	0.00	0.00	-74.12	0.00	-131.07	-48.49	-35.72	-9.47	-20.50	574.74
NET INCOME TO DATE	-21.75	-21.75	-21.75	-21.75	-95.87	-95.87	-226.94	-275.43	-311.15	-320.62	-341.12	233.62

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

Fertilization decisions should be based on soil tests.

* Lease costs are based on hourly usage costs.

Table 9.F Estimated returns for various price/yield combinations, per acre
 Cotton, 12R-38" solid, no-till
 BtRR variety, Delta Area, Mississippi, 2008

PRODUCT			PERCENT										
			75	80	85	90	95	100	105	110	115	120	125
Cotton Lint			0.53	0.57	0.60	0.64	0.68	0.71	0.75	0.78	0.82	0.85	0.89
PERCENT	YIELD	UNIT	dollars										
50	450.00	lb	-128	-112	-96	-80	-63	-47	-31	-15	0	16	32
			-215	-199	-183	-166	-150	-134	-118	-102	-86	-70	-54
60	540.00	lb	-88	-68	-49	-30	-10	8	27	47	66	85	105
			-175	-155	-136	-117	-97	-78	-59	-39	-20	-1	18
70	630.00	lb	-47	-25	-2	19	42	64	87	109	132	154	177
			-134	-112	-89	-67	-44	-22	0	22	45	68	90
80	720.00	lb	-7	17	43	69	95	121	146	172	198	224	249
			-94	-69	-43	-17	8	34	59	85	111	137	162
90	810.00	lb	32	61	90	119	148	177	206	235	264	293	322
			-54	-25	3	32	61	90	119	148	177	206	235
100	900.00	lb	72	104	136	169	201	233	265	298	330	362	394
			-14	17	49	82	114	146	178	211	243	275	307
110	990.00	lb	112	148	183	219	254	289	325	360	396	431	467
			25	61	96	132	167	202	238	273	309	344	380
120	1080.00	lb	152	191	230	268	307	346	384	423	462	500	539
			65	104	143	181	220	259	297	336	375	413	452
130	1170.00	lb	193	234	276	318	360	402	444	486	528	570	611
			106	147	189	231	273	315	357	399	441	483	524
140	1260.00	lb	233	278	323	368	413	458	503	548	594	639	684
			146	191	236	281	326	371	416	461	507	552	597
150	1350.00	lb	273	321	370	418	466	515	563	611	660	708	756
			186	234	283	331	379	428	476	524	573	621	669

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 10.A Estimated costs per acre
 Cotton, 12R-38" solid, conventional tillage
 Non-transgenic variety, Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (3 gal)	appl	3.50	5.5000	19.25	_____
App by Air (5 gal)	appl	4.50	1.0000	4.50	_____
HARVEST AIDS					
Thidiazuron 4lb	oz	2.43	2.0000	4.86	_____
Ethephon 6E	pt	5.22	1.3300	6.94	_____
Tribufos 6lb	pt	7.15	0.5000	3.58	_____
GINNING					
Gin & Haul	lb	0.09	900.0000	81.00	_____
FERTILIZERS					
Potash (60% K2O)	cwt	13.00	1.5000	19.50	_____
UAN (32% N)	cwt	12.00	4.0000	48.00	_____
HERBICIDES					
Treflan HFP	pt	2.35	1.0000	2.35	_____
Staple	oz	18.97	0.6000	11.38	_____
Suprend	lb	10.17	1.5000	15.26	_____
MSMA6 + Surfactant	pt	1.98	1.3300	2.63	_____
Select 2EC	oz	1.35	2.4000	3.24	_____
Diuron 80%	lb	3.15	1.0000	3.15	_____
Layby Pro	qt	9.04	2.0000	18.08	_____
INSECTICIDES					
Temik 15G Gypsum	lb	3.33	3.5000	11.66	_____
Acephate 90%	lb	7.68	1.5200	11.67	_____
Centric 40WG	oz	5.04	2.0000	10.08	_____
Tracer	oz	6.38	5.1120	32.61	_____
Karate Z	oz	3.10	6.0000	18.60	_____
Bidrin 8L	oz	0.84	8.0000	6.72	_____
Incidental Pest Trt	acre	12.00	0.5000	6.00	_____
SEED/PLANTS					
Cotton Seed Conv.	thous	0.39	52.5000	20.48	_____
GROWTH REGULATORS					
Mepiquat Chloride	oz	0.47	12.0000	5.64	_____
ADJUVANTS					
Surfactant	pt	1.55	0.4600	0.71	_____
CUSTOM FERTILIZE					
Custom Apply Fert	acre	5.00	1.0000	5.00	_____
ERADICATION FEE					
Eradication Fee	acre	5.50	1.0000	5.50	_____
INSECT SCOUTING					
Insect Scouting	acre	7.00	1.0000	7.00	_____
CUSTOM LIME					
Lime (Spread)	ton	40.00	0.5000	20.00	_____
OPERATOR LABOR					
Tractors	hour	10.21	1.0717	10.94	_____
Self-Propelled	hour	10.21	0.1946	1.99	_____
HAND LABOR					
Implements	hour	7.31	0.3908	2.85	_____
Self-Propelled	hour	7.31	0.1834	1.34	_____
UNALLOCATED LABOR					
	hour	10.20	1.0131	10.34	_____
DIESEL FUEL					
Tractors	gal	2.33	12.4122	28.91	_____
Self-Propelled	gal	2.33	3.3340	7.76	_____
REPAIR & MAINTENANCE					
Implements	acre	8.83	1.0000	8.83	_____
Tractors	acre	4.76	1.0000	4.76	_____
Self-Propelled	acre	10.56	1.0000	10.56	_____
INTEREST ON OP. CAP.	acre	15.67	1.0000	15.67	_____
TOTAL DIRECT EXPENSES				509.35	_____
FIXED EXPENSES					
Implements	acre	20.97	1.0000	20.97	_____
Tractors	acre	36.55	1.0000	36.55	_____
Self-Propelled	acre	51.23	1.0000	51.23	_____
TOTAL FIXED EXPENSES				108.75	_____
TOTAL SPECIFIED EXPENSES				618.10	_____

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 10.B Summary of estimated costs and returns per acre
 Cotton, 12R-38" solid, conventional tillage
 Non-transgenic variety, Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.71	900.0000	644.40	_____
Cotton Seed	lb	0.04	1350.0000	60.75	_____

TOTAL INCOME				705.15	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	23.75	1.0000	23.75	_____
HARVEST AIDS	acre	15.38	1.0000	15.38	_____
GINNING	acre	81.00	1.0000	81.00	_____
FERTILIZERS	acre	67.50	1.0000	67.50	_____
HERBICIDES	acre	56.09	1.0000	56.09	_____
INSECTICIDES	acre	97.35	1.0000	97.35	_____
SEED/PLANTS	acre	20.48	1.0000	20.48	_____
GROWTH REGULATORS	acre	5.64	1.0000	5.64	_____
ADJUVANTS	acre	0.71	1.0000	0.71	_____
CUSTOM FERTILIZE	acre	5.00	1.0000	5.00	_____
ERADICATION FEE	acre	5.50	1.0000	5.50	_____
INSECT SCOUTING	acre	7.00	1.0000	7.00	_____
CUSTOM LIME	acre	20.00	1.0000	20.00	_____
HAND LABOR	hour	7.31	0.5743	4.19	_____
OPERATOR LABOR	hour	10.21	1.2663	12.93	_____
UNALLOCATED LABOR	hour	10.20	1.0131	10.34	_____
DIESEL FUEL	gal	2.33	15.7462	36.67	_____
REPAIR & MAINTENANCE	acre	24.15	1.0000	24.15	_____
INTEREST ON OP. CAP.	acre	15.67	1.0000	15.67	_____

TOTAL DIRECT EXPENSES				509.35	_____
RETURNS ABOVE DIRECT EXPENSES				195.80	_____

TOTAL FIXED EXPENSES				108.75	_____

TOTAL SPECIFIED EXPENSES				618.10	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				87.05	_____

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 10.C Estimated resource use for field operations, per acre
 Cotton, 12R-38" solid, conventional tillage
 Non-transgenic variety, Delta Area, 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-----										
Lime (Spread)	ton			0.25	Nov	0.5000				
Subsoiler	5 shank	MFWD 225	0.122	1.00	Nov		0.12	0.12	0.12	0.09
Disk & Incorporate	42'	MFWD 225	0.049	1.00	Mar		0.04	0.04	0.07	0.03
Treflan HFP	pt					1.0000				
Custom Apply Fert	acre			1.00	Mar	1.0000				
Potash (60% K2O)	cwt					1.5000				
Field Cultivate	42'	MFWD 225	0.035	1.00	Mar		0.03	0.03	0.03	0.02
Fert Appl (Liquid)	12R-38	MFWD 225	0.051	1.00	Apr		0.05	0.05	0.07	0.04
UAN (32% N)	cwt					2.0000				
Disk Bed (Hipper)	12R-38	MFWD 225	0.049	1.00	Apr		0.04	0.04	0.04	0.03
Row Cond (Plant)Fld	38'	MFWD 225	0.053	1.00	May		0.05	0.05	0.05	0.04
Plant & Pre-Folding	12R-38	MFWD 225	0.053	1.00	May		0.05	0.05	0.10	0.04
Cotton Seed Conv.	thous					52.5000				
Temik 15G Gypsum	lb					3.5000				
Insect Scouting	acre			1.00	May	1.0000				
Eradication Fee	acre					1.0000				
Cult & Post	12R-38	MFWD 225	0.057	1.00	May		0.05	0.05	0.08	0.04
Staple	oz					0.6000				
Acephate 90%	lb					0.2200				
Surfactant	pt					0.2000				
Sprayer(600-825Gal)	90'		0.011	1.00	Jun			0.01	0.01	0.00
Centric 40WG	oz					2.0000				
Mepiquat Chloride	oz					6.0000				
Fert Appl (Liquid)	12R-38	MFWD 225	0.051	1.00	Jun		0.05	0.05	0.07	0.04
UAN (32% N)	cwt					2.0000				
Cult & Post	12R-38	MFWD 225	0.057	1.00	Jun		0.05	0.05	0.08	0.04
Suprend	lb					1.5000				
MSMA6 + Surfactant	pt					1.3300				
Sprayer(600-825Gal)	90'		0.011	0.40	Jun			0.00	0.00	0.00
Tracer	oz					0.8520				
Cult & Post	12R-38	MFWD 225	0.057	0.30	Jul		0.01	0.01	0.02	0.01
Select 2EC	oz					2.4000				
Surfactant	pt					0.0600				
Spray (Direct/Layby)	12R-38	MFWD 225	0.044	1.00	Jul		0.04	0.04	0.06	0.03
Diuron 80%	lb					1.0000				
Layby Pro	qt					2.0000				
Surfactant	pt					0.2000				
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Mepiquat Chloride	oz					6.0000				
Acephate 90%	lb					0.5500				
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Karate Z	oz					2.0000				
Bidrin 8L	oz					8.0000				
Incidental Pest				0.50	Jul					
App by Air (3 gal)	appl					0.5000				
Incidental Pest Trt	acre					0.5000				
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Karate Z	oz					2.0000				
Tracer	oz					2.1300				
App by Air (3 gal)	appl			1.00	Aug	1.0000				
Acephate 90%	lb					0.7500				
App by Air (3 gal)	appl			1.00	Aug	1.0000				
Tracer	oz					2.1300				
Karate Z	oz					2.0000				
App by Air (5 gal)	appl			1.00	Sep	1.0000				
Thidiazuron 4lb	oz					2.0000				
Ethephon 6E	pt					1.3300				
Sprayer(600-825Gal)	90'		0.011	0.50	Sep			0.00	0.00	0.00
Tribufos 6lb	pt					0.5000				
Cotton Picker-1st-BB	6R-38(350)		0.172	1.00	Oct			0.17	0.34	0.13
Boll Buggy-1st pick	6R-38(325)	MFWD 225	0.172	1.00	Oct		0.17	0.17	0.17	0.13
Module Builder-1st	6R-38(325)	MFWD 225	0.172	1.00	Oct		0.17	0.17	0.34	0.13
Gin & Haul	lb			1.00	Oct	900.0000				
Stalk Shredder-Flail	20'	MFWD 225	0.082	1.00	Oct		0.08	0.08	0.08	0.06
TOTALS							1.26	1.07	1.84	1.01

Note: Cost of production estimates are based on 2006 input prices.

Fertilization decisions should be based on soil tests.

Table 10.D Estimated costs for field operations, per acre
 Cotton, 12R-38" solid, conventional tillage
 Non-transgenic variety, Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST	
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL			
-----dollars-----											
Lime (Spread)	ton	20.00						1.75	21.75		21.75
Subsoiler	5 shank		3.30	0.80	2.25			0.56	6.91	5.02	11.93
Disk & Incorporate	42'		1.33	0.22	1.08			0.15	2.78	1.68	4.46
Treflan HFP	pt	2.35						0.14	2.49		2.49
Custom Apply Fert	acre	5.00						0.29	5.29		5.29
Potash (60% K2O)	cwt	19.50						1.14	20.64		20.64
Field Cultivate	42'		0.96	0.49	0.65			0.12	2.22	2.94	5.16
Fert Appl (Liquid)	12R-38		1.39	0.82	1.14			0.17	3.52	2.59	6.11
UAN (32% N)	cwt	24.00						1.23	25.23		25.23
Disk Bed (Hipper)	12R-38		1.33	0.52	0.90			0.14	2.89	2.67	5.56
Row Cond (Plant)Fld	38'		1.45	0.46	0.99			0.13	3.03	3.01	6.04
Plant & Pre-Folding	12R-38		1.44	1.32	1.38			0.18	4.32	4.44	8.76
Cotton Seed Conv.	thous	20.48						0.90	21.38		21.38
Temik 15G Gypsum	lb	11.66						0.51	12.17		12.17
Insect Scouting	acre	7.00						0.31	7.31		7.31
Eradication Fee	acre	5.50						0.24	5.74		5.74
Cult & Post	12R-38		1.56	0.76	1.27			0.16	3.75	3.62	7.37
Staple	oz	11.38						0.50	11.88		11.88
Acephate 90%	lb	1.69						0.07	1.76		1.76
Surfactant	pt	0.31						0.01	0.32		0.32
Sprayer(600-825Gal)	90'		0.28	0.11	0.26			0.02	0.67	0.89	1.56
Centric 40WG	oz	10.08						0.37	10.45		10.45
Mepiquat Chloride	oz	2.82						0.10	2.92		2.92
Fert Appl (Liquid)	12R-38		1.39	0.82	1.14			0.12	3.47	2.59	6.06
UAN (32% N)	cwt	24.00						0.88	24.88		24.88
Cult & Post	12R-38		1.56	0.76	1.27			0.13	3.72	3.62	7.34
Suprend	lb	15.26						0.56	15.82		15.82
MSMA6 + Surfactant	pt	2.63						0.10	2.73		2.73
Sprayer(600-825Gal)	90'		0.11	0.04	0.11			0.01	0.27	0.36	0.63
Tracer	oz	5.44						0.20	5.64		5.64
Cult & Post	12R-38		0.47	0.23	0.38			0.03	1.11	1.08	2.19
Select 2EC	oz	3.24						0.09	3.33		3.33
Surfactant	pt	0.09							0.09		0.09
Spray (Direct/Layby)	12R-38		1.20	0.57	0.97			0.08	2.82	2.07	4.89
Diuron 80%	lb	3.15						0.09	3.24		3.24
Layby Pro	qt	18.08						0.53	18.61		18.61
Surfactant	pt	0.31						0.01	0.32		0.32
App by Air (3 gal)	appl	3.50						0.10	3.60		3.60
Mepiquat Chloride	oz	2.82						0.08	2.90		2.90
Acephate 90%	lb	4.22						0.12	4.34		4.34
App by Air (3 gal)	appl	3.50						0.10	3.60		3.60
Karate Z	oz	6.20						0.18	6.38		6.38
Bidrin 8L	oz	6.72						0.20	6.92		6.92
Incidental Pest											
App by Air (3 gal)	appl	1.75						0.05	1.80		1.80
Incidental Pest Trt	acre	6.00						0.18	6.18		6.18
App by Air (3 gal)	appl	3.50						0.10	3.60		3.60
Karate Z	oz	6.20						0.18	6.38		6.38
Tracer	oz	13.59						0.40	13.99		13.99
App by Air (3 gal)	appl	3.50						0.08	3.58		3.58
Acephate 90%	lb	5.76						0.13	5.89		5.89
App by Air (3 gal)	appl	3.50						0.08	3.58		3.58
Tracer	oz	13.59						0.30	13.89		13.89
Karate Z	oz	6.20						0.14	6.34		6.34
App by Air (5 gal)	appl	4.50						0.07	4.57		4.57
Thidiazuron 4lb	oz	4.86						0.07	4.93		4.93
Ethephon 6E	pt	6.94						0.10	7.04		7.04
Sprayer(600-825Gal)	90'		0.14	0.06	0.13				0.33	0.44	0.77
Tribufos 6lb	pt	3.58						0.05	3.63		3.63
Cotton Picker-1st-BB	6R-38(350)		7.23	10.35	4.43			0.16	22.17	49.54	71.71
Boll Buggy-1st pick	6R-38(325)		4.65	1.88	3.17			0.07	9.77	8.75	18.52
Module Builder-1st	6R-38(325)		4.65	2.19	4.43			0.08	11.35	9.58	20.93
Gin & Haul	lb	81.00						0.59	81.59		81.59
Stalk Shredder-Flail	20'		2.23	1.75	1.51			0.04	5.53	3.86	9.39
TOTALS		405.40	36.67	24.15	27.46	0.00	15.67	509.35	108.75	618.10	

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 10.E Estimated monthly income and expense flows per acre
 Cotton, 12R-38" solid, conventional tillage
 Non-transgenic variety, Delta Area, Mississippi, 2008

ITEM	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
-----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	705.15
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.25	7.00	4.50	0.00
HARVEST AIDS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.38	0.00
GINNING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	81.00
FERTILIZERS	0.00	0.00	0.00	0.00	19.50	24.00	0.00	24.00	0.00	0.00	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	2.35	0.00	11.38	17.89	24.47	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	13.35	15.52	42.93	25.55	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	20.48	0.00	0.00	0.00	0.00	0.00
GROWTH REGULATORS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.82	2.82	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.00	0.40	0.00	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ERADICATION FEE	0.00	0.00	0.00	0.00	0.00	0.00	5.50	0.00	0.00	0.00	0.00	0.00
INSECT SCOUTING	0.00	0.00	0.00	0.00	0.00	0.00	7.00	0.00	0.00	0.00	0.00	0.00
CUSTOM LIME	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LABOR	2.25	0.00	0.00	0.00	1.73	2.04	3.64	2.78	1.35	0.00	0.13	13.54
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	3.30	0.00	0.00	0.00	2.29	2.72	4.45	3.34	1.67	0.00	0.14	18.76
REPAIR & MAINTENANCE	0.80	0.00	0.00	0.00	0.71	1.34	2.54	1.73	0.80	0.00	0.06	16.17
INTEREST ON OP. CAP.	2.31	0.00	0.00	0.00	1.84	1.54	3.01	2.49	2.52	0.73	0.29	0.94
TOTAL DIRECT EXPENSES	28.66	0.00	0.00	0.00	33.42	31.64	71.66	70.57	89.21	33.28	20.50	130.41
NET INCOME	-28.66	0.00	0.00	0.00	-33.42	-31.64	-71.66	-70.57	-89.21	-33.28	-20.50	574.74
NET INCOME TO DATE	-28.66	-28.66	-28.66	-28.66	-62.08	-93.72	-165.38	-235.95	-325.16	-358.44	-378.94	195.80

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

Fertilization decisions should be based on soil tests.

* Lease costs are based on hourly usage costs.

Table 10.F Estimated returns for various price/yield combinations, per acre
 Cotton, 12R-38" solid, conventional tillage
 Non-transgenic variety, Delta Area, Mississippi, 2008

PRODUCT			-----PERCENT-----										
			75	80	85	90	95	100	105	110	115	120	125
Cotton Lint			-----PRODUCT PRICE-----										
			0.53	0.57	0.60	0.64	0.68	0.71	0.75	0.78	0.82	0.85	0.89
PERCENT	YIELD	UNIT	-----dollars-----										
50	450.00	lb	-166	-150	-133	-117	-101	-85	-69	-53	-37	-21	-5
			-274	-258	-242	-226	-210	-194	-178	-162	-146	-129	-113
60	540.00	lb	-125	-106	-87	-67	-48	-29	-9	9	28	48	67
			-234	-215	-196	-176	-157	-138	-118	-99	-80	-60	-41
70	630.00	lb	-85	-63	-40	-18	4	26	49	72	94	117	139
			-194	-172	-149	-126	-104	-81	-59	-36	-14	8	30
80	720.00	lb	-45	-19	5	31	57	83	109	134	160	186	212
			-154	-128	-102	-77	-51	-25	0	26	51	77	103
90	810.00	lb	-5	23	52	81	110	139	168	197	226	255	284
			-114	-85	-56	-27	1	30	59	88	117	146	175
100	900.00	lb	34	66	99	131	163	195	228	260	292	324	356
			-74	-41	-9	22	54	87	119	151	183	215	248
110	990.00	lb	74	110	145	181	216	252	287	322	358	393	429
			-33	1	37	72	107	143	178	214	249	285	320
120	1080.00	lb	115	153	192	231	269	308	347	385	424	463	501
			6	44	83	122	160	199	238	276	315	354	392
130	1170.00	lb	155	197	238	280	322	364	406	448	490	532	574
			46	88	130	172	214	255	297	339	381	423	465
140	1260.00	lb	195	240	285	330	375	420	466	511	556	601	646
			86	131	176	221	267	312	357	402	447	492	537
150	1350.00	lb	235	283	332	380	428	477	525	573	622	670	718
			126	175	223	271	320	368	416	465	513	561	610

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 11.A Estimated costs per acre
Soybeans, early-planted, RR, stale seedbed, 12R 20"
Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	4.50	2.2500	10.13	_____
HARVEST AIDS					
Gramoxone Inteon	oz	0.23	4.0000	0.92	_____
Sodium Chlorate 3L	gal	3.04	0.2500	0.76	_____
FERTILIZERS					
Phosphorus(46% P2O5)	cwt	14.00	0.2800	3.92	_____
Potash (60% K2O)	cwt	13.00	0.4000	5.20	_____
Sulfur 90%	lb	0.20	7.2000	1.44	_____
FUNGICIDES					
Apron Maxx RTA	oz	0.80	2.5000	2.00	_____
Headline	oz	1.88	3.0000	5.64	_____
HERBICIDES					
Glyphosate Plus 4L	pt	2.35	6.0000	14.10	_____
2,4-D Amine 4	pt	1.72	1.5000	2.58	_____
Valor SX	oz	4.32	2.0000	8.64	_____
INSECTICIDES					
Acephate 90SP	lb	6.50	0.6000	3.90	_____
SEED/PLANTS					
Soybean Seed RR	lb	0.66	50.0000	33.00	_____
ADJUVANTS					
Surfactant	pt	1.55	0.0500	0.08	_____
HAULING					
Haul Soybeans	bu	0.20	40.0000	8.00	_____
CUSTOM LIME					
Lime (Spread)	ton	40.00	0.2000	8.00	_____
INOCULANT					
Nitragin S	oz	0.25	2.7500	0.69	_____
OPERATOR LABOR					
Tractors	hour	10.21	0.3937	4.02	_____
Harvesters	hour	10.21	0.1021	1.04	_____
HAND LABOR					
Implements	hour	7.31	0.1463	1.06	_____
UNALLOCATED LABOR					
	hour	10.21	0.4463	4.56	_____
DIESEL FUEL					
Tractors	gal	2.33	3.8509	8.97	_____
Harvesters	gal	2.33	1.4457	3.37	_____
REPAIR & MAINTENANCE					
Implements	acre	3.38	1.0000	3.38	_____
Tractors	acre	1.47	1.0000	1.47	_____
Harvesters	acre	2.03	1.0000	2.03	_____
INTEREST ON OP. CAP.	acre	6.59	1.0000	6.59	_____

TOTAL DIRECT EXPENSES				145.49	_____
FIXED EXPENSES					
Implements	acre	8.71	1.0000	8.71	_____
Tractors	acre	11.35	1.0000	11.35	_____
Harvesters	acre	9.70	1.0000	9.70	_____

TOTAL FIXED EXPENSES				29.76	_____

TOTAL SPECIFIED EXPENSES				175.25	_____

Note: Cost of production estimates are based on 2007 input prices. These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$7 to \$12 per acre.

Table 11.B Summary of estimated costs and returns per acre
Soybeans, early-planted, RR, stale seedbed, 12R 20"
Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	9.34	40.0000	373.60	_____

TOTAL INCOME				373.60	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	10.13	1.0000	10.13	_____
HARVEST AIDS	acre	1.68	1.0000	1.68	_____
FERTILIZERS	acre	10.56	1.0000	10.56	_____
FUNGICIDES	acre	7.64	1.0000	7.64	_____
HERBICIDES	acre	25.32	1.0000	25.32	_____
INSECTICIDES	acre	3.90	1.0000	3.90	_____
SEED/PLANTS	acre	33.00	1.0000	33.00	_____
ADJUVANTS	acre	0.08	1.0000	0.08	_____
HAULING	acre	8.00	1.0000	8.00	_____
CUSTOM LIME	acre	8.00	1.0000	8.00	_____
INOCULANT	acre	0.69	1.0000	0.69	_____
HAND LABOR	hour	7.31	0.1463	1.06	_____
OPERATOR LABOR	hour	10.21	0.4959	5.06	_____
UNALLOCATED LABOR	hour	10.21	0.4463	4.56	_____
DIESEL FUEL	gal	2.33	5.2966	12.34	_____
REPAIR & MAINTENANCE	acre	6.88	1.0000	6.88	_____
INTEREST ON OP. CAP.	acre	6.59	1.0000	6.59	_____

TOTAL DIRECT EXPENSES				145.49	_____
RETURNS ABOVE DIRECT EXPENSES				228.11	_____
TOTAL FIXED EXPENSES				29.76	_____

TOTAL SPECIFIED EXPENSES				175.25	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				198.35	_____

Note: Cost of production estimates are based on 2007 input prices. These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$7 to \$12 per acre.

Table 11.C Estimated resource use for field operations, per acre
 Soybeans, early-planted, RR, stale seedbed, 12R 20"
 Delta Area, 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-----										
1/2-mi Pivot Irr.				0.33	Oct					
Subsoiler	3 shank	MFWD 190	0.204				0.06	0.06	0.06	0.06
Lime (Spread)	ton			0.20	Oct	0.2000				
Spin Spreader	5 ton	MFWD 190	0.042	0.40	Oct		0.01	0.01	0.03	0.01
Phosphorus(46% P2O5)	cwt					0.2800				
Potash (60% K2O)	cwt					0.4000				
Sulfur 90%	lb					7.2000				
Disk Harrow	24'	MFWD 190	0.081	1.00	Oct		0.08	0.08	0.08	0.07
Field Cultivate Fld	24'	MFWD 190	0.062	1.00	Oct		0.06	0.06	0.06	0.05
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Glyphosate Plus 4L	pt					2.0000				
2,4-D Amine 4	pt					1.5000				
Valor SX	oz					2.0000				
Plant - Rigid	12R-20	MFWD 190	0.094	1.00	Apr		0.09	0.09	0.18	0.08
Soybean Seed RR	lb					50.0000				
Apron Maxx RTA	oz					2.5000				
Nitragin S	oz					2.7500				
Spray (Broadcast)	60'	MFWD 190	0.028	1.00	May		0.02	0.02	0.04	0.02
Glyphosate Plus 4L	pt					2.0000				
Spray (Broadcast)	60'	MFWD 190	0.028	1.00	May		0.02	0.02	0.04	0.02
Glyphosate Plus 4L	pt					2.0000				
Spray (Broadcast)	60'	MFWD 190	0.028	0.50	Jun		0.01	0.01	0.02	0.01
Headline	oz					3.0000				
App by Air (5 gal)	appl			1.00	Aug	1.0000				
Acephate 90SP	lb					0.6000				
App by Air (5 gal)	appl			0.25	Aug	0.2500				
Gramoxone Inteon	oz					4.0000				
Sodium Chlorate 3L	gal					0.2500				
Surfactant	pt					0.0500				
Header - Soybean	25' Flex	275hp	0.102	1.00	Sep		0.10	0.10	0.10	0.09
Haul Soybeans	bu					40.0000				
TOTALS							0.49	0.49	0.64	0.44

Note: Cost of production estimates are based on 2007 input prices.
 These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$7 to \$12 per acre.

Table 11.D Estimated costs for field operations, per acre
Soybeans, early-planted, RR, stale seedbed, 12R 20"
Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL		
-----dollars-----										
1/2-mi Pivot Irr.										
Subsoiler	3 shank		1.55	0.35	1.32		0.28	3.50	2.27	5.77
Lime (Spread)	ton	8.00					0.70	8.70		8.70
Spin Spreader	5 ton		0.38	0.16	0.44		0.09	1.07	0.75	1.82
Phosphorus(46% P2O5)	cwt	3.92					0.34	4.26		4.26
Potash (60% K2O)	cwt	5.20					0.46	5.66		5.66
Sulfur 90%	lb	1.44					0.13	1.57		1.57
Disk Harrow	24'		1.87	0.92	1.59		0.38	4.76	3.98	8.74
Field Cultivate Fld	24'		1.42	0.53	1.21		0.28	3.44	3.37	6.81
App by Air (5 gal)	appl	4.50					0.26	4.76		4.76
Glyphosate Plus 4L	pt	4.70					0.27	4.97		4.97
2,4-D Amine 4	pt	2.58					0.15	2.73		2.73
Valor SX	oz	8.64					0.50	9.14		9.14
Plant - Rigid	12R-20		2.15	1.77	2.52		0.28	6.72	6.15	12.87
Soybean Seed RR	lb	33.00					1.44	34.44		34.44
Apron Maxx RTA	oz	2.00					0.09	2.09		2.09
Nitragin S	oz	0.69					0.03	0.72		0.72
Spray (Broadcast)	60'		0.64	0.21	0.65		0.05	1.55	0.96	2.51
Glyphosate Plus 4L	pt	4.70					0.17	4.87		4.87
Spray (Broadcast)	60'		0.64	0.21	0.65		0.05	1.55	0.96	2.51
Glyphosate Plus 4L	pt	4.70					0.17	4.87		4.87
Spray (Broadcast)	60'		0.32	0.10	0.32		0.02	0.76	0.49	1.25
Headline	oz	5.64					0.16	5.80		5.80
App by Air (5 gal)	appl	4.50					0.07	4.57		4.57
Acephate 90SP	lb	3.90					0.06	3.96		3.96
App by Air (5 gal)	appl	1.13					0.02	1.15		1.15
Gramoxone Inteon	oz	0.92					0.01	0.93		0.93
Sodium Chlorate 3L	gal	0.76					0.01	0.77		0.77
Surfactant	pt	0.08						0.08		0.08
Header - Soybean	25' Flex		3.37	2.63	1.98		0.06	8.04	10.83	18.87
Haul Soybeans	bu	8.00					0.06	8.06		8.06
TOTALS		109.00	12.34	6.88	10.68	0.00	6.59	145.49	29.76	175.25

Note: Cost of production estimates are based on 2007 input prices.
These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$7 to \$12 per acre.

Table 11.E Estimated monthly income and expense flows per acre
Soybeans, early-planted, RR, stale seedbed, 12R 20"
Delta Area, 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	373.60
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	4.50	0.00	0.00	0.00	0.00	0.00	5.63	0.00
HARVEST AIDS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.68	0.00
FERTILIZERS	10.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	5.64	0.00	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	15.92	0.00	0.00	9.40	0.00	0.00	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	3.90	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	33.00	0.00	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	0.00	0.00	0.08	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	8.00
CUSTOM LIME	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INOCULANT	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.00	0.00	0.00	0.00	0.00
LABOR	4.56	0.00	0.00	0.00	0.00	0.00	2.52	1.30	0.32	0.00	0.00	1.98
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	5.22	0.00	0.00	0.00	0.00	0.00	2.15	1.28	0.32	0.00	0.00	3.37
REPAIR & MAINTENANCE	1.96	0.00	0.00	0.00	0.00	0.00	1.77	0.42	0.10	0.00	0.00	2.63
INTEREST ON OP. CAP.	2.66	0.00	0.00	0.00	1.18	0.00	1.84	0.44	0.18	0.00	0.17	0.12
TOTAL DIRECT EXPENSES	32.96	0.00	0.00	0.00	21.60	0.00	43.97	12.84	6.56	0.00	11.46	16.10
NET INCOME	-32.96	0.00	0.00	0.00	-21.60	0.00	-43.97	-12.84	-6.56	0.00	-11.46	357.50
NET INCOME TO DATE	-32.96	-32.96	-32.96	-32.96	-54.56	-54.56	-98.53	-111.37	-117.93	-117.93	-129.39	228.11

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

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget.

Fertilization decisions should be based on soil tests. The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$7 to \$12 per acre.

* Lease costs are based on hourly usage costs.

Table 11.F Estimated returns for various price/yield combinations, per acre
 Soybeans, early-planted, RR, stale seedbed, 12R 20"
 Delta Area, Mississippi, 2008

PRODUCT			-----PERCENT-----										
			75	80	85	90	95	100	105	110	115	120	125
Soybeans			-----PRODUCT PRICE-----										
			7.00	7.47	7.93	8.40	8.87	9.34	9.80	10.27	10.74	11.20	11.67
PERCENT	YIELD	UNIT	-----dollars-----										
50	20.00	bu	-1	7	17	26	36	45	54	64	73	82	92
			-31	-21	-12	-3	6	15	24	34	43	52	62
60	24.00	bu	25	37	48	59	70	81	93	104	115	126	137
			-3	7	18	29	40	52	63	74	85	96	108
70	28.00	bu	53	66	79	92	105	118	131	144	157	170	183
			23	36	49	62	75	88	101	114	127	140	154
80	32.00	bu	80	95	110	125	140	155	169	184	199	214	229
			50	65	80	95	110	125	140	155	170	185	199
90	36.00	bu	107	124	141	157	174	191	208	225	241	258	275
			77	94	111	128	144	161	178	195	212	229	245
100	40.00	bu	134	153	172	190	209	228	246	265	284	302	321
			104	123	142	160	179	198	217	235	254	273	291
110	44.00	bu	161	182	203	223	244	264	285	305	326	346	367
			132	152	173	193	214	234	255	276	296	317	337
120	48.00	bu	189	211	233	256	278	301	323	346	368	390	413
			159	181	204	226	249	271	293	316	338	361	383
130	52.00	bu	216	240	264	289	313	337	362	386	410	434	459
			186	210	235	259	283	308	332	356	380	405	429
140	56.00	bu	243	269	295	322	348	374	400	426	452	478	505
			213	239	266	292	318	344	370	396	423	449	475
150	60.00	bu	270	298	326	354	382	410	438	466	494	522	550
			241	269	297	325	353	381	409	437	465	493	521

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 12.A Estimated costs per acre
Soybeans, early-planted, RR, stale seedbed, 12R 20"
Furrow irrigated, 9 ac-in., Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	4.50	2.2500	10.13	_____
HARVEST AIDS					
Gramoxone Inteon	oz	0.23	4.0000	0.92	_____
Sodium Chlorate 3L	gal	3.04	0.2500	0.76	_____
FERTILIZERS					
Phosphorus(46% P2O5)	cwt	14.00	0.4000	5.60	_____
Potash (60% K2O)	cwt	13.00	0.6000	7.80	_____
Sulfur 90%	lb	0.20	10.8000	2.16	_____
FUNGICIDES					
Apron Maxx RTA	oz	0.80	2.5000	2.00	_____
Quadris	oz	1.97	6.0000	11.82	_____
HERBICIDES					
Glyphosate Plus 4L	pt	2.35	6.0000	14.10	_____
2,4-D Amine 4	pt	1.72	1.5000	2.58	_____
Valor SX	oz	4.32	2.0000	8.64	_____
INSECTICIDES					
Acephate 90SP	lb	6.50	0.6000	3.90	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.20	33.0000	6.60	_____
SEED/PLANTS					
Soybean Seed RR	lb	0.66	50.0000	33.00	_____
ADJUVANTS					
Crop Oil Conc.(Pet.)	pt	0.80	2.0000	1.60	_____
Surfactant	pt	1.55	0.0500	0.08	_____
HAULING					
Haul Soybeans	bu	0.20	60.0000	12.00	_____
CUSTOM LIME					
Lime (Spread)	ton	40.00	0.2000	8.00	_____
INOCULANT					
Nitragin S	oz	0.25	2.7500	0.69	_____
OPERATOR LABOR					
Tractors	hour	10.21	0.5605	5.74	_____
Harvesters	hour	10.21	0.1021	1.04	_____
IRRIGATE LABOR					
Special Labor	hour	7.31	0.3000	2.18	_____
Implements	hour	7.31	0.0625	0.45	_____
HAND LABOR					
Implements	hour	7.31	0.1534	1.11	_____
UNALLOCATED LABOR					
	hour	10.21	0.5257	5.37	_____
DIESEL FUEL					
Tractors	gal	2.33	5.3562	12.47	_____
Harvesters	gal	2.33	1.4457	3.37	_____
Roll-Out Pipe Irr.	gal	2.33	7.3316	17.07	_____
REPAIR & MAINTENANCE					
Implements	acre	3.88	1.0000	3.88	_____
Tractors	acre	2.05	1.0000	2.05	_____
Harvesters	acre	2.03	1.0000	2.03	_____
Roll-Out Pipe Irr.	acre	4.37	1.0000	4.37	_____
INTEREST ON OP. CAP.	acre	8.64	1.0000	8.64	_____
TOTAL DIRECT EXPENSES				202.15	_____
FIXED EXPENSES					
Implements	acre	10.91	1.0000	10.91	_____
Tractors	acre	15.72	1.0000	15.72	_____
Harvesters	acre	9.70	1.0000	9.70	_____
Roll-Out Pipe Irr.	acre	49.95	1.0000	49.95	_____
TOTAL FIXED EXPENSES				86.28	_____
TOTAL SPECIFIED EXPENSES				288.43	_____

Note: Cost of production estimates are based on 2007 input prices.
These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget.
Fertilization decisions should be based on soil tests. The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$7 to \$12 per acre.

Table 12.B Summary of estimated costs and returns per acre
 Soybeans, early-planted, RR, stale seedbed, 12R 20"
 Furrow irrigated, 9 ac-in., Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	9.34	60.0000	560.40	_____

TOTAL INCOME				560.40	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	10.13	1.0000	10.13	_____
HARVEST AIDS	acre	1.68	1.0000	1.68	_____
FERTILIZERS	acre	15.56	1.0000	15.56	_____
FUNGICIDES	acre	13.82	1.0000	13.82	_____
HERBICIDES	acre	25.32	1.0000	25.32	_____
INSECTICIDES	acre	3.90	1.0000	3.90	_____
IRRIGATION SUPPLIES	acre	6.60	1.0000	6.60	_____
SEED/PLANTS	acre	33.00	1.0000	33.00	_____
ADJUVANTS	acre	1.68	1.0000	1.68	_____
HAULING	acre	12.00	1.0000	12.00	_____
CUSTOM LIME	acre	8.00	1.0000	8.00	_____
INOCULANT	acre	0.69	1.0000	0.69	_____
HAND LABOR	hour	7.31	0.1534	1.11	_____
IRRIGATE LABOR	hour	7.31	0.3625	2.63	_____
OPERATOR LABOR	hour	10.21	0.6626	6.78	_____
UNALLOCATED LABOR	hour	10.21	0.5257	5.37	_____
DIESEL FUEL	gal	2.33	14.1336	32.91	_____
REPAIR & MAINTENANCE	acre	12.33	1.0000	12.33	_____
INTEREST ON OP. CAP.	acre	8.64	1.0000	8.64	_____

TOTAL DIRECT EXPENSES				202.15	_____
RETURNS ABOVE DIRECT EXPENSES				358.25	_____
TOTAL FIXED EXPENSES				86.28	_____

TOTAL SPECIFIED EXPENSES				288.43	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				271.97	_____

Note: Cost of production estimates are based on 2007 input prices. These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$7 to \$12 per acre.

Table 12.C Estimated resource use for field operations, per acre
 Soybeans, early-planted, RR, stale seedbed, 12R 20"
 Furrow irrigated, 9 ac-in., Delta Area, 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-----										
Subsoiler	3 shank	MFWD 190	0.204	0.33	Oct		0.06	0.06	0.06	0.06
Lime (Spread)	ton			0.20	Oct	0.2000				
Spin Spreader	5 ton	MFWD 190	0.042	0.40	Oct		0.01	0.01	0.03	0.01
Phosphorus(46% P2O5)	cwt					0.4000				
Potash (60% K2O)	cwt					0.6000				
Sulfur 90%	lb					10.8000				
Disk Harrow	24'	MFWD 190	0.081	1.00	Oct		0.08	0.08	0.08	0.07
Field Cultivate Fld	24'	MFWD 190	0.062	1.00	Oct		0.06	0.06	0.06	0.05
Roller/Bed Shaper Fl	8R-38	MFWD 190	0.074	1.00	Oct		0.07	0.07	0.07	0.06
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Glyphosate Plus 4L	pt					2.0000				
2,4-D Amine 4	pt					1.5000				
Valor SX	oz					2.0000				
Plant - Rigid	12R-20	MFWD 190	0.094	1.00	Apr		0.09	0.09	0.18	0.08
Soybean Seed RR	lb					50.0000				
Apron Maxx RTA	oz					2.5000				
Nitragin S	oz					2.7500				
Spray (Broadcast)	60'	MFWD 190	0.028	1.00	May		0.02	0.02	0.04	0.02
Glyphosate Plus 4L	pt					2.0000				
Spray (Broadcast)	60'	MFWD 190	0.028	1.00	May		0.02	0.02	0.04	0.02
Glyphosate Plus 4L	pt					2.0000				
Spray (Broadcast)	60'	MFWD 190	0.028	1.00	Jun		0.02	0.02	0.04	0.02
Quadris	oz					6.0000				
Crop Oil Conc.(Pet.)	pt					2.0000				
App by Air (5 gal)	appl			1.00	Aug	1.0000				
Acephate 90SP	lb					0.6000				
App by Air (5 gal)	appl			0.25	Aug	0.2500				
Gramoxone Inteon	oz					4.0000				
Sodium Chlorate 3L	gal					0.2500				
Surfactant	pt					0.0500				
Header - Soybean	25' Flex	275hp	0.102	1.00	Sep		0.10	0.10	0.10	0.09
Haul Soybeans	bu					60.0000				
Roll-Out Pipe Irr.	acre				Jul	1.0000	0.07	0.07	0.44	
TOTALS							0.66	0.66	1.17	0.52

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

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$7 to \$12 per acre.

Table 12.D Estimated costs for field operations, per acre
Soybeans, early-planted, RR, stale seedbed, 12R 20"
Furrow irrigated, 9 ac-in., Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL		
-----dollars-----										
Subsoiler	3 shank		1.55	0.35	1.32		0.28	3.50	2.27	5.77
Lime (Spread)	ton	8.00					0.70	8.70		8.70
Spin Spreader	5 ton		0.38	0.16	0.44		0.09	1.07	0.75	1.82
Phosphorus(46% P2O5)	cwt	5.60					0.49	6.09		6.09
Potash (60% K2O)	cwt	7.80					0.68	8.48		8.48
Sulfur 90%	lb	2.16					0.19	2.35		2.35
Disk Harrow	24'		1.87	0.92	1.59		0.38	4.76	3.98	8.74
Field Cultivate Fld	24'		1.42	0.53	1.21		0.28	3.44	3.37	6.81
Roller/Bed Shaper Fl	8R-38		1.69	0.60	1.44		0.33	4.06	3.21	7.27
App by Air (5 gal)	appl	4.50					0.26	4.76		4.76
Glyphosate Plus 4L	pt	4.70					0.27	4.97		4.97
2,4-D Amine 4	pt	2.58					0.15	2.73		2.73
Valor SX	oz	8.64					0.50	9.14		9.14
Plant - Rigid	12R-20		2.15	1.77	2.52		0.28	6.72	6.15	12.87
Soybean Seed RR	lb	33.00					1.44	34.44		34.44
Apron Maxx RTA	oz	2.00					0.09	2.09		2.09
Nitragin S	oz	0.69					0.03	0.72		0.72
Spray (Broadcast)	60'		0.64	0.21	0.65		0.05	1.55	0.96	2.51
Glyphosate Plus 4L	pt	4.70					0.17	4.87		4.87
Spray (Broadcast)	60'		0.64	0.21	0.65		0.05	1.55	0.96	2.51
Glyphosate Plus 4L	pt	4.70					0.17	4.87		4.87
Spray (Broadcast)	60'		0.64	0.21	0.65		0.04	1.54	0.96	2.50
Quadris	oz	11.82					0.34	12.16		12.16
Crop Oil Conc.(Pet.)	pt	1.60					0.05	1.65		1.65
App by Air (5 gal)	appl	4.50					0.07	4.57		4.57
Acephate 90SP	lb	3.90					0.06	3.96		3.96
App by Air (5 gal)	appl	1.13					0.02	1.15		1.15
Gramoxone Inteon	oz	0.92					0.01	0.93		0.93
Sodium Chlorate 3L	gal	0.76					0.01	0.77		0.77
Surfactant	pt	0.08						0.08		0.08
Header - Soybean	25' Flex		3.37	2.63	1.98		0.06	8.04	10.83	18.87
Haul Soybeans	bu	12.00					0.09	12.09		12.09
Roll-Out Pipe Irr.	acre	6.60	18.56	4.74	3.44		1.01	34.35	52.84	87.19
TOTALS		132.38	32.91	12.33	15.89	0.00	8.64	202.15	86.28	288.43

Note: Note: Cost of production estimates are based on 2007 input prices.
These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$7 to \$12 per acre.

Table 12.E Estimated monthly income and expense flows per acre
 Soybeans, early-planted, RR, stale seedbed, 12R 20"
 Furrow irrigated, 9 ac-in., Delta Area, 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	560.40
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	4.50	0.00	0.00	0.00	0.00	0.00	5.63	0.00
HARVEST AIDS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.68	0.00
FERTILIZERS	15.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	11.82	0.00	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	15.92	0.00	0.00	9.40	0.00	0.00	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	3.90	0.00
IRRIGATION SUPPLIES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.60	0.00	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	33.00	0.00	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	1.60	0.00	0.08	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	12.00
CUSTOM LIME	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INOCULANT	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.00	0.00	0.00	0.00	0.00
LABOR	6.39	0.00	0.00	0.00	0.00	0.00	2.52	1.48	2.88	0.18	0.00	2.44
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	7.77	0.00	0.00	0.00	0.00	0.00	2.15	1.28	12.36	5.69	0.00	3.66
REPAIR & MAINTENANCE	2.75	0.00	0.00	0.00	0.00	0.00	1.77	0.42	3.89	0.78	0.00	2.72
INTEREST ON OP. CAP.	3.55	0.00	0.00	0.00	1.18	0.00	1.84	0.45	1.15	0.14	0.17	0.16
TOTAL DIRECT EXPENSES	44.02	0.00	0.00	0.00	21.60	0.00	43.97	13.03	40.30	6.79	11.46	20.98
NET INCOME	-44.02	0.00	0.00	0.00	-21.60	0.00	-43.97	-13.03	-40.30	-6.79	-11.46	539.42
NET INCOME TO DATE	-44.02	-44.02	-44.02	-44.02	-65.62	-65.62	-109.59	-122.62	-162.92	-169.71	-181.17	358.25

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

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$7 to \$12 per acre.

* Lease costs are based on hourly usage costs.

Table 12.F Estimated returns for various price/yield combinations, per acre
 Soybeans, early-planted, RR, stale seedbed, 12R 20"
 Furrow irrigated, 9 ac-in., Delta Area, Mississippi, 2008

PRODUCT			-----PERCENT-----										
			75	80	85	90	95	100	105	110	115	120	125
Soybeans			-----PRODUCT PRICE-----										
			7.00	7.47	7.93	8.40	8.87	9.34	9.80	10.27	10.74	11.20	11.67
PERCENT	YIELD	UNIT	-----dollars-----										
50	30.00	bu	14	28	42	56	70	84	98	112	126	140	154
			-72	-58	-44	-30	-16	-2	11	25	39	53	67
60	36.00	bu	54	71	88	105	122	138	155	172	189	206	222
			-31	-14	2	19	35	52	69	86	103	119	136
70	42.00	bu	95	115	134	154	174	193	213	232	252	272	291
			9	29	48	68	87	107	127	146	166	185	205
80	48.00	bu	136	158	181	203	226	248	271	293	315	338	360
			50	72	95	117	139	162	184	207	229	251	274
90	54.00	bu	177	202	227	252	278	303	328	353	379	404	429
			91	116	141	166	191	217	242	267	292	318	343
100	60.00	bu	218	246	274	302	330	358	386	414	442	470	498
			131	159	187	215	243	271	299	328	356	384	412
110	66.00	bu	258	289	320	351	382	413	443	474	505	536	567
			172	203	234	265	295	326	357	388	419	450	480
120	72.00	bu	299	333	367	400	434	467	501	535	568	602	636
			213	247	280	314	348	381	415	448	482	516	549
130	78.00	bu	340	377	413	449	486	522	559	595	632	668	704
			254	290	327	363	400	436	472	509	545	582	618
140	84.00	bu	381	420	459	499	538	577	616	656	695	734	773
			295	334	373	412	452	491	530	569	608	648	687
150	90.00	bu	422	464	506	548	590	632	674	716	758	800	842
			335	378	420	462	504	546	588	630	672	714	756

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 13.A Estimated costs per acre
Soybeans, May-planted, RR, 12R 20"
Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	4.50	1.2500	5.63	_____
FERTILIZERS					
Phosphorus(46% P2O5)	cwt	14.00	0.2800	3.92	_____
Potash (60% K2O)	cwt	13.00	0.4000	5.20	_____
Sulfur 90%	lb	0.20	7.2000	1.44	_____
FUNGICIDES					
Apron Maxx RTA	oz	0.80	2.2500	1.80	_____
Quadris	oz	1.97	1.0000	1.97	_____
HERBICIDES					
Glyphosate Plus 4L	pt	2.35	4.0000	9.40	_____
INSECTICIDES					
Karate Z	oz	3.10	0.4250	1.32	_____
Acephate 90SP	lb	6.50	0.6000	3.90	_____
Intrepid 2F	oz	1.93	1.0000	1.93	_____
SEED/PLANTS					
Soybean Seed RR	lb	0.66	45.0000	29.70	_____
ADJUVANTS					
Crop Oil Conc.(Pet.)	pt	0.80	0.5000	0.40	_____
Surfactant	pt	1.55	0.0250	0.04	_____
HAULING					
Haul Soybeans	bu	0.20	28.0000	5.60	_____
CUSTOM LIME					
Lime (Spread)	ton	40.00	0.2000	8.00	_____
INOCULANT					
Nitragin S	oz	0.25	2.4800	0.62	_____
OPERATOR LABOR					
Tractors	hour	10.21	0.3902	3.99	_____
Harvesters	hour	10.21	0.1021	1.04	_____
HAND LABOR					
Implements	hour	7.31	0.1428	1.04	_____
UNALLOCATED LABOR	hour	10.19	0.4431	4.52	_____
DIESEL FUEL					
Tractors	gal	2.33	3.8162	8.89	_____
Harvesters	gal	2.33	1.4457	3.37	_____
REPAIR & MAINTENANCE					
Implements	acre	3.48	1.0000	3.48	_____
Tractors	acre	1.47	1.0000	1.47	_____
Harvesters	acre	2.03	1.0000	2.03	_____
INTEREST ON OP. CAP.	acre	5.05	1.0000	5.05	_____
TOTAL DIRECT EXPENSES				115.75	_____
FIXED EXPENSES					
Implements	acre	9.01	1.0000	9.01	_____
Tractors	acre	11.24	1.0000	11.24	_____
Harvesters	acre	9.70	1.0000	9.70	_____
TOTAL FIXED EXPENSES				29.95	_____
TOTAL SPECIFIED EXPENSES				145.70	_____

Note: Cost of production estimates are based on 2007 input prices. These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$7 to \$12 per acre.

Table 13.B Summary of estimated costs and returns per acre
Soybeans, May-planted, RR, 12R 20"
Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	9.34	28.0000	261.52	_____

TOTAL INCOME				261.52	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	5.63	1.0000	5.63	_____
FERTILIZERS	acre	10.56	1.0000	10.56	_____
FUNGICIDES	acre	3.77	1.0000	3.77	_____
HERBICIDES	acre	9.40	1.0000	9.40	_____
INSECTICIDES	acre	7.15	1.0000	7.15	_____
SEED/PLANTS	acre	29.70	1.0000	29.70	_____
ADJUVANTS	acre	0.44	1.0000	0.44	_____
HAULING	acre	5.60	1.0000	5.60	_____
CUSTOM LIME	acre	8.00	1.0000	8.00	_____
INOCULANT	acre	0.62	1.0000	0.62	_____
HAND LABOR	hour	7.31	0.1428	1.04	_____
OPERATOR LABOR	hour	10.21	0.4923	5.03	_____
UNALLOCATED LABOR	hour	10.19	0.4431	4.52	_____
DIESEL FUEL	gal	2.33	5.2619	12.26	_____
REPAIR & MAINTENANCE	acre	6.98	1.0000	6.98	_____
INTEREST ON OP. CAP.	acre	5.05	1.0000	5.05	_____

TOTAL DIRECT EXPENSES				115.75	_____
RETURNS ABOVE DIRECT EXPENSES				145.77	_____

TOTAL FIXED EXPENSES				29.95	_____

TOTAL SPECIFIED EXPENSES				145.70	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				115.82	_____

Note: Cost of production estimates are based on 2007 input prices. These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$7 to \$12 per acre.

Table 13.C Estimated resource use for field operations, per acre
Soybeans, May-planted, RR, 12R 20"
Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	INPUT AMOUNT	POWER UNIT	ALLOC LABOR	UNALL LABOR
						-----hours-----			
Subsoiler	3 shank	MFWD 190	0.204	0.25	Nov		0.05	0.05	0.04
Disk Harrow	24'	MFWD 190	0.081	0.25	Nov		0.02	0.02	0.01
Lime (Spread)	ton			0.20	Nov	0.2000			
Spin Spreader	5 ton	MFWD 190	0.042	0.40	Nov		0.01	0.01	0.01
Phosphorus(46% P2O5)	cwt					0.2800			
Potash (60% K2O)	cwt					0.4000			
Sulfur 90%	lb					7.2000			
Disk Harrow	24'	MFWD 190	0.081	1.00	Apr		0.08	0.08	0.07
Field Cultivate Fld	24'	MFWD 190	0.062	1.00	May		0.06	0.06	0.05
Plant - Rigid	12R-20	MFWD 190	0.094	1.00	May		0.09	0.09	0.08
Soybean Seed RR	lb					45.0000			
Apron Maxx RTA	oz					2.2500			
Nitragin S	oz					2.4800			
Spray (Broadcast)	60'	MFWD 190	0.028	1.00	May		0.02	0.02	0.02
Glyphosate Plus 4L	pt					2.0000			
Spray (Broadcast)	60'	MFWD 190	0.028	1.00	Jun		0.02	0.02	0.02
Glyphosate Plus 4L	pt					2.0000			
Spray (Broadcast)	60'	MFWD 190	0.028	0.25	Jul		0.00	0.00	0.00
Quadris	oz					1.0000			
Crop Oil Conc.(Pet.)	pt					0.5000			
Karate Z	oz					0.4250			
App by Air (5 gal)	appl			1.00	Aug	1.0000			
Acephate 90SP	lb					0.6000			
App by Air (5 gal)	appl			0.25	Aug	0.2500			
Intrepid 2F	oz					1.0000			
Surfactant	pt					0.0250			
Header - Soybean	25' Flex	275hp	0.102	1.00	Oct		0.10	0.10	0.09
Haul Soybeans	bu					28.0000			
TOTALS						0.49	0.49	0.63	0.44

Note: Note: Cost of production estimates are based on 2007 input prices.
These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$7 to \$12 per acre.

Table 13.D Estimated costs for field operations, per acre
Soybeans, May-planted, RR, 12R 20"
Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL		
-----dollars-----										
Subsoiler	3 shank		1.16	0.26	0.99		0.21	2.62	1.71	4.33
Disk Harrow	24'		0.47	0.23	0.40		0.10	1.20	1.00	2.20
Lime (Spread)	ton	8.00					0.70	8.70		8.70
Spin Spreader	5 ton		0.38	0.16	0.44		0.09	1.07	0.75	1.82
Phosphorus(46% P2O5)	cwt	3.92					0.34	4.26		4.26
Potash (60% K2O)	cwt	5.20					0.46	5.66		5.66
Sulfur 90%	lb	1.44					0.13	1.57		1.57
Disk Harrow	24'		1.87	0.92	1.59		0.22	4.60	3.98	8.58
Field Cultivate Fld	24'		1.42	0.53	1.21		0.14	3.30	3.37	6.67
Plant - Rigid	12R-20		2.15	1.77	2.52		0.28	6.72	6.15	12.87
Soybean Seed RR	lb	29.70					1.30	31.00		31.00
Apron Maxx RTA	oz	1.80					0.08	1.88		1.88
Nitragin S	oz	0.62					0.03	0.65		0.65
Spray (Broadcast)	60'		0.64	0.21	0.65		0.07	1.57	0.96	2.53
Glyphosate Plus 4L	pt	4.70					0.21	4.91		4.91
Spray (Broadcast)	60'		0.64	0.21	0.65		0.05	1.55	0.96	2.51
Glyphosate Plus 4L	pt	4.70					0.17	4.87		4.87
Spray (Broadcast)	60'		0.16	0.06	0.16		0.01	0.39	0.24	0.63
Quadris	oz	1.97					0.06	2.03		2.03
Crop Oil Conc.(Pet.)	pt	0.40					0.01	0.41		0.41
Karate Z	oz	1.32					0.04	1.36		1.36
App by Air (5 gal)	appl	4.50					0.10	4.60		4.60
Acephate 90SP	lb	3.90					0.09	3.99		3.99
App by Air (5 gal)	appl	1.13					0.02	1.15		1.15
Intrepid 2F	oz	1.93					0.04	1.97		1.97
Surfactant	pt	0.04						0.04		0.04
Header - Soybean	25' Flex		3.37	2.63	1.98		0.06	8.04	10.83	18.87
Haul Soybeans	bu	5.60					0.04	5.64		5.64
TOTALS		80.87	12.26	6.98	10.59	0.00	5.05	115.75	29.95	145.70

Note: Cost of production estimates are based on 2007 input prices.
These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$7 to \$12 per acre.

Table 13.E Estimated monthly income and expense flows per acre
Soybeans, May-planted, RR, 12R 20"
Delta Area, Mississippi, 2008

ITEM	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
-----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	261.52
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.63	0.00	0.00
FERTILIZERS	10.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	1.80	0.00	1.97	0.00	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	0.00	0.00	4.70	4.70	0.00	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.32	5.83	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	29.70	0.00	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	0.40	0.04	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	5.60
CUSTOM LIME	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INOCULANT	0.00	0.00	0.00	0.00	0.00	0.00	0.62	0.00	0.00	0.00	0.00	0.00
LABOR	1.83	0.00	0.00	0.00	0.00	1.59	4.38	0.65	0.16	0.00	0.00	1.98
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	2.01	0.00	0.00	0.00	0.00	1.87	4.21	0.64	0.16	0.00	0.00	3.37
REPAIR & MAINTENANCE	0.65	0.00	0.00	0.00	0.00	0.92	2.51	0.21	0.06	0.00	0.00	2.63
INTEREST ON OP. CAP.	2.03	0.00	0.00	0.00	0.00	0.22	2.11	0.22	0.12	0.25	0.00	0.10
TOTAL DIRECT EXPENSES	25.08	0.00	0.00	0.00	0.00	4.60	50.03	6.42	4.19	11.75	0.00	13.68
NET INCOME	-25.08	0.00	0.00	0.00	0.00	-4.60	-50.03	-6.42	-4.19	-11.75	0.00	247.84
NET INCOME TO DATE	-25.08	-25.08	-25.08	-25.08	-25.08	-29.68	-79.71	-86.13	-90.32	-102.07	-102.07	145.77

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

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget.

Fertilization decisions should be based on soil tests. The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$7 to \$12 per acre.

* Lease costs are based on hourly usage costs.

Table 13.F Estimated returns for various price/yield combinations, per acre
 Soybeans, May-planted, RR, 12R 20"
 Delta Area, Mississippi, 2008

PRODUCT			-----PERCENT-----										
			75	80	85	90	95	100	105	110	115	120	125
Soybeans			-----PRODUCT PRICE-----										
			7.00	7.47	7.93	8.40	8.87	9.34	9.80	10.27	10.74	11.20	11.67
PERCENT	YIELD	UNIT	-----dollars-----										
50	14.00	bu	-14	-8	-1	4	11	17	24	30	37	43	50
			-44	-38	-31	-25	-18	-12	-5	0	7	14	20
60	16.80	bu	4	12	19	27	35	43	51	59	66	74	82
			-25	-17	-10	-2	5	13	21	29	37	44	52
70	19.60	bu	23	32	41	50	59	69	78	87	96	105	114
			-6	2	11	20	29	39	48	57	66	75	84
80	22.40	bu	42	52	63	73	84	94	105	115	125	136	146
			12	22	33	43	54	64	75	85	96	106	116
90	25.20	bu	61	73	84	96	108	120	131	143	155	167	179
			31	43	54	66	78	90	102	113	125	137	149
100	28.00	bu	80	93	106	119	132	145	158	171	184	198	211
			50	63	76	89	102	115	128	141	155	168	181
110	30.80	bu	99	113	128	142	156	171	185	200	214	228	243
			69	83	98	112	127	141	155	170	184	198	213
120	33.60	bu	118	134	149	165	181	196	212	228	244	259	275
			88	104	119	135	151	166	182	198	214	229	245
130	36.40	bu	137	154	171	188	205	222	239	256	273	290	307
			107	124	141	158	175	192	209	226	243	260	277
140	39.20	bu	156	174	193	211	229	248	266	284	303	321	339
			126	144	163	181	199	218	236	254	273	291	309
150	42.00	bu	175	195	214	234	254	273	293	312	332	352	371
			145	165	184	204	224	243	263	282	302	322	341

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 14.A Estimated costs per acre
Soybeans, May-planted, RR, 12R 20"
Flood irrigated, 13.5 ac-in., Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	4.50	2.5000	11.25	_____
FERTILIZERS					
Phosphorus(46% P2O5)	cwt	14.00	0.4000	5.60	_____
Potash (60% K2O)	cwt	13.00	0.6000	7.80	_____
Sulfur 90%	lb	0.20	10.8000	2.16	_____
FUNGICIDES					
Apron Maxx RTA	oz	0.80	2.2500	1.80	_____
Quadris	oz	1.97	6.0000	11.82	_____
HERBICIDES					
Glyphosate Plus 4L	pt	2.35	4.0000	9.40	_____
INSECTICIDES					
Dimilin 2L	oz	1.64	2.0000	3.28	_____
Acephate 90SP	lb	6.50	0.6000	3.90	_____
Intrepid 2F	oz	1.93	2.0000	3.86	_____
SEED/PLANTS					
Soybean Seed RR	lb	0.66	45.0000	29.70	_____
ADJUVANTS					
Surfactant	pt	1.55	0.0500	0.08	_____
HAULING					
Haul Soybeans	bu	0.20	50.0000	10.00	_____
SURVEY & MARK LEVEES					
Survey & Mark Levees	acre	4.00	0.5000	2.00	_____
CUSTOM LIME					
Lime (Spread)	ton	40.00	0.2000	8.00	_____
INOCULANT					
Nitragin S	oz	0.25	2.4800	0.62	_____
OPERATOR LABOR					
Tractors	hour	10.21	0.5963	6.09	_____
Harvesters	hour	10.21	0.1021	1.04	_____
IRRIGATE LABOR					
Special Labor	hour	7.31	0.3125	2.29	_____
HAND LABOR					
Implements	hour	7.31	0.1393	1.01	_____
UNALLOCATED LABOR	hour	10.20	0.4460	4.55	_____
DIESEL FUEL					
Tractors	gal	2.33	5.4352	12.67	_____
Harvesters	gal	2.33	1.4457	3.37	_____
Contour Flood Irr.	gal	2.33	10.9974	25.62	_____
REPAIR & MAINTENANCE					
Implements	acre	4.02	1.0000	4.02	_____
Tractors	acre	2.11	1.0000	2.11	_____
Harvesters	acre	2.03	1.0000	2.03	_____
Contour Flood Irr.	acre	8.73	1.0000	8.73	_____
INTEREST ON OP. CAP.	acre	7.47	1.0000	7.47	_____
TOTAL DIRECT EXPENSES				192.27	_____
FIXED EXPENSES					
Implements	acre	11.02	1.0000	11.02	_____
Tractors	acre	15.93	1.0000	15.93	_____
Harvesters	acre	9.70	1.0000	9.70	_____
Contour Flood Irr.	acre	37.03	1.0000	37.03	_____
TOTAL FIXED EXPENSES				73.68	_____
TOTAL SPECIFIED EXPENSES				265.95	_____

Note: Cost of production estimates are based on 2007 input prices. These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$7 to \$12 per acre.

Table 14.B Summary of estimated costs and returns per acre
 Soybeans, May-planted, RR, 12R 20"
 Flood irrigated, 13.5 ac-in., Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	9.34	50.0000	467.00	_____

TOTAL INCOME				467.00	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	11.25	1.0000	11.25	_____
FERTILIZERS	acre	15.56	1.0000	15.56	_____
FUNGICIDES	acre	13.62	1.0000	13.62	_____
HERBICIDES	acre	9.40	1.0000	9.40	_____
INSECTICIDES	acre	11.04	1.0000	11.04	_____
SEED/PLANTS	acre	29.70	1.0000	29.70	_____
ADJUVANTS	acre	0.08	1.0000	0.08	_____
HAULING	acre	10.00	1.0000	10.00	_____
SURVEY & MARK LEVEES	acre	2.00	1.0000	2.00	_____
CUSTOM LIME	acre	8.00	1.0000	8.00	_____
INOCULANT	acre	0.62	1.0000	0.62	_____
HAND LABOR	hour	7.31	0.1393	1.01	_____
IRRIGATE LABOR	hour	7.31	0.3125	2.29	_____
OPERATOR LABOR	hour	10.21	0.6984	7.13	_____
UNALLOCATED LABOR	hour	10.20	0.4460	4.55	_____
DIESEL FUEL	gal	2.33	17.8783	41.66	_____
REPAIR & MAINTENANCE	acre	16.89	1.0000	16.89	_____
INTEREST ON OP. CAP.	acre	7.47	1.0000	7.47	_____

TOTAL DIRECT EXPENSES				192.27	_____
RETURNS ABOVE DIRECT EXPENSES				274.73	_____
TOTAL FIXED EXPENSES				73.68	_____

TOTAL SPECIFIED EXPENSES				265.95	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				201.05	_____

Note: Cost of production estimates are based on 2007 input prices. These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$7 to \$12 per acre.

Table 14.C Estimated resource use for field operations, per acre
Soybeans, May-planted, RR, 12R 20"
Flood irrigated, 13.5 ac-in., Delta Area, 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-----			
Disk Harrow	24'	MFWD 190	0.081	1.00	Nov		0.08	0.08	0.08	0.07
Lime (Spread)	ton			0.20	Nov	0.2000				
Spin Spreader	5 ton	MFWD 190	0.042	0.40	Nov		0.01	0.01	0.03	0.01
Phosphorus(46% P2O5)	cwt					0.4000				
Potash (60% K2O)	cwt					0.6000				
Sulfur 90%	lb					10.8000				
Disk Harrow	24'	MFWD 190	0.081	1.00	Apr		0.08	0.08	0.08	0.07
Field Cultivate Fld	24'	MFWD 190	0.062	1.00	May		0.06	0.06	0.06	0.05
Plant - Rigid	12R-20	MFWD 190	0.094	1.00	May		0.09	0.09	0.18	0.08
Soybean Seed RR	lb					45.0000				
Apron Maxx RTA	oz					2.2500				
Nitragin S	oz					2.4800				
Spray (Broadcast)	60'	MFWD 190	0.028	1.00	May		0.02	0.02	0.04	0.02
Glyphosate Plus 4L	pt					2.0000				
Spray (Broadcast)	60'	MFWD 190	0.028	1.00	Jun		0.02	0.02	0.04	0.02
Glyphosate Plus 4L	pt					2.0000				
App by Air (5 gal)	appl			1.00	Jul	1.0000				
Quadris	oz					6.0000				
Dimilin 2L	oz					2.0000				
App by Air (5 gal)	appl			1.00	Aug	1.0000				
Acephate 90SP	lb					0.6000				
App by Air (5 gal)	appl			0.50	Aug	0.5000				
Intrepid 2F	oz					2.0000				
Surfactant	pt					0.0500				
Header - Soybean	25' Flex	275hp	0.102	1.00	Oct		0.10	0.10	0.10	0.09
Haul Soybeans	bu					50.0000				
Contour Flood Irr.	acre				Jul	1.0000	0.20	0.20	0.51	
TOTALS							0.69	0.69	1.15	0.44

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

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$7 to \$12 per acre.

Table 14.D Estimated costs for field operations, per acre
Soybeans, May-planted, RR, 12R 20"
Flood irrigated, 13.5 ac-in., Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL		
-----dollars-----										
Disk Harrow	24'		1.87	0.92	1.59		0.38	4.76	3.98	8.74
Lime (Spread)	ton	8.00					0.70	8.70		8.70
Spin Spreader	5 ton		0.38	0.16	0.44		0.09	1.07	0.75	1.82
Phosphorus(46% P2O5)	cwt	5.60					0.49	6.09		6.09
Potash (60% K2O)	cwt	7.80					0.68	8.48		8.48
Sulfur 90%	lb	2.16					0.19	2.35		2.35
Disk Harrow	24'		1.87	0.92	1.59		0.22	4.60	3.98	8.58
Field Cultivate Fld	24'		1.42	0.53	1.21		0.14	3.30	3.37	6.67
Plant - Rigid	12R-20		2.15	1.77	2.52		0.28	6.72	6.15	12.87
Soybean Seed RR	lb	29.70					1.30	31.00		31.00
Apron Maxx RTA	oz	1.80					0.08	1.88		1.88
Nitragin S	oz	0.62					0.03	0.65		0.65
Spray (Broadcast)	60'		0.64	0.21	0.65		0.07	1.57	0.96	2.53
Glyphosate Plus 4L	pt	4.70					0.21	4.91		4.91
Spray (Broadcast)	60'		0.64	0.21	0.65		0.05	1.55	0.96	2.51
Glyphosate Plus 4L	pt	4.70					0.17	4.87		4.87
App by Air (5 gal)	appl	4.50					0.13	4.63		4.63
Quadris	oz	11.82					0.34	12.16		12.16
Dimilin 2L	oz	3.28					0.10	3.38		3.38
App by Air (5 gal)	appl	4.50					0.10	4.60		4.60
Acephate 90SP	lb	3.90					0.09	3.99		3.99
App by Air (5 gal)	appl	2.25					0.05	2.30		2.30
Intrepid 2F	oz	3.86					0.08	3.94		3.94
Surfactant	pt	0.08						0.08		0.08
Header - Soybean	25' Flex		3.37	2.63	1.98		0.06	8.04	10.83	18.87
Haul Soybeans	bu	10.00					0.07	10.07		10.07
Contour Flood Irr.	acre	2.00	29.32	9.54	4.35		1.37	46.58	42.70	89.28
TOTALS		111.27	41.66	16.89	14.98	0.00	7.47	192.27	73.68	265.95

Note: Cost of production estimates are based on 2007 input prices.
These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$7 to \$12 per acre.

Table 14.E Estimated monthly income and expense flows per acre
 Soybeans, May-planted, RR, 12R 20"
 Flood irrigated, 13.5 ac-in., Delta Area, Mississippi, 2008

ITEM	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
-----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	467.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.50	6.75	0.00	0.00
FERTILIZERS	15.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	1.80	0.00	11.82	0.00	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	0.00	0.00	4.70	4.70	0.00	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.28	7.76	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	29.70	0.00	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	0.00	0.08	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	10.00
SURVEY & MARK LEVEES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00
CUSTOM LIME	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INOCULANT	0.00	0.00	0.00	0.00	0.00	0.00	0.62	0.00	0.00	0.00	0.00	0.00
LABOR	2.03	0.00	0.00	0.00	0.00	1.59	4.75	2.04	1.23	1.23	0.13	1.98
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	2.25	0.00	0.00	0.00	0.00	1.87	4.21	10.56	9.59	9.59	0.22	3.37
REPAIR & MAINTENANCE	1.08	0.00	0.00	0.00	0.00	0.92	2.51	6.13	1.79	1.79	0.04	2.63
INTEREST ON OP. CAP.	2.53	0.00	0.00	0.00	0.00	0.22	2.13	0.92	0.94	0.59	0.01	0.13
TOTAL DIRECT EXPENSES	31.45	0.00	0.00	0.00	0.00	4.60	50.42	26.35	33.15	27.79	0.40	18.11
NET INCOME	-31.45	0.00	0.00	0.00	0.00	-4.60	-50.42	-26.35	-33.15	-27.79	-0.40	448.89
NET INCOME TO DATE	-31.45	-31.45	-31.45	-31.45	-31.45	-36.05	-86.47	-112.82	-145.97	-173.76	-174.16	274.73

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

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget.

Fertilization decisions should be based on soil tests. The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$7 to \$12 per acre.

* Lease costs are based on hourly usage costs.

Table 14.F Estimated returns for various price/yield combinations, per acre
 Soybeans, May-planted, RR, 12R 20"
 Flood irrigated, 13.5 ac-in., Delta Area, Mississippi, 2008

PRODUCT			-----PERCENT-----										
			75	80	85	90	95	100	105	110	115	120	125
Soybeans			-----PRODUCT PRICE-----										
			7.00	7.47	7.93	8.40	8.87	9.34	9.80	10.27	10.74	11.20	11.67
PERCENT	YIELD	UNIT	-----dollars-----										
50	25.00	bu	-12	-0	11	22	34	46	57	69	81	92	104
			-85	-74	-62	-50	-39	-27	-15	-4	7	19	30
60	30.00	bu	21	35	49	63	77	91	105	119	133	147	162
			-51	-37	-23	-9	4	18	32	46	60	74	88
70	35.00	bu	55	72	88	104	121	137	153	170	186	203	219
			-17	-1	14	31	47	63	80	96	113	129	145
80	40.00	bu	89	108	127	145	164	183	202	220	239	258	276
			16	34	53	72	90	109	128	147	165	184	203
90	45.00	bu	123	144	165	187	208	229	250	271	292	313	334
			50	71	92	113	134	155	176	197	218	239	260
100	50.00	bu	157	181	204	228	251	274	298	321	344	368	391
			84	107	131	154	177	201	224	247	271	294	317
110	55.00	bu	191	217	243	269	294	320	346	371	397	423	448
			118	144	169	195	221	246	272	298	323	349	375
120	60.00	bu	226	254	282	310	338	366	394	422	450	478	506
			152	180	208	236	264	292	320	348	376	404	432
130	65.00	bu	260	290	320	351	381	411	442	472	502	533	563
			186	216	247	277	307	338	368	398	429	459	489
140	70.00	bu	294	326	359	392	424	457	490	522	555	588	620
			220	253	285	318	351	383	416	449	481	514	547
150	75.00	bu	328	363	398	433	468	503	538	573	608	643	678
			254	289	324	359	394	429	464	499	534	569	604

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 15.A Estimated costs per acre
Soybeans after wheat, RR, 12R 20"
Pivot irrigated, 7.5 ac-in., Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	4.50	2.5000	11.25	_____
FERTILIZERS					
Phosphorus(46% P2O5)	cwt	14.00	0.4000	5.60	_____
Potash (60% K2O)	cwt	13.00	0.6000	7.80	_____
Sulfur 90%	lb	0.20	10.8000	2.16	_____
FUNGICIDES					
Apron Maxx RTA	oz	0.80	3.0000	2.40	_____
Stratego	pt	18.52	0.6250	11.58	_____
HERBICIDES					
Glyphosate Plus 4L	pt	2.35	5.0000	11.75	_____
INSECTICIDES					
Karate Z	oz	3.10	1.7000	5.27	_____
Acephate 90SP	lb	6.50	0.7500	4.88	_____
Intrepid 2F	oz	1.93	2.0000	3.86	_____
SEED/PLANTS					
Soybean Seed RR	lb	0.66	60.0000	39.60	_____
ADJUVANTS					
Surfactant	pt	1.55	0.0500	0.08	_____
HAULING					
Haul Soybeans	bu	0.20	40.0000	8.00	_____
CUSTOM LIME					
Lime (Spread)	ton	40.00	0.2000	8.00	_____
INOCULANT					
Nitragin S	oz	0.25	3.3000	0.83	_____
OPERATOR LABOR					
Tractors	hour	10.21	0.1816	1.85	_____
Harvesters	hour	10.21	0.1021	1.04	_____
IRRIGATE LABOR					
Special Labor	hour	7.31	0.0518	0.38	_____
HAND LABOR					
Implements	hour	7.31	0.1463	1.06	_____
UNALLOCATED LABOR	hour	10.24	0.2440	2.50	_____
DIESEL FUEL					
Tractors	gal	2.33	1.7765	4.13	_____
Harvesters	gal	2.33	1.4457	3.37	_____
1/2-mi Pivot Irr.	gal	2.33	14.0014	32.63	_____
REPAIR & MAINTENANCE					
Implements	acre	2.37	1.0000	2.37	_____
Tractors	acre	0.68	1.0000	0.68	_____
Harvesters	acre	2.03	1.0000	2.03	_____
1/2-mi Pivot Irr.	acre	7.07	1.0000	7.07	_____
INTEREST ON OP. CAP.	acre	6.57	1.0000	6.57	_____
TOTAL DIRECT EXPENSES				188.74	_____
FIXED EXPENSES					
Implements	acre	5.20	1.0000	5.20	_____
Tractors	acre	5.24	1.0000	5.24	_____
Harvesters	acre	9.70	1.0000	9.70	_____
1/2-mi Pivot Irr.	acre	33.07	1.0000	33.07	_____
TOTAL FIXED EXPENSES				53.21	_____
TOTAL SPECIFIED EXPENSES				241.95	_____

Note: Cost of production estimates are based on 2007 input prices. These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$7 to \$12 per acre.

Table 15.B Summary of estimated costs and returns per acre
 Soybeans after wheat, RR, 12R 20"
 Pivot irrigated, 7.5 ac-in., Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	9.34	40.0000	373.60	_____

TOTAL INCOME				373.60	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	11.25	1.0000	11.25	_____
FERTILIZERS	acre	15.56	1.0000	15.56	_____
FUNGICIDES	acre	13.98	1.0000	13.98	_____
HERBICIDES	acre	11.75	1.0000	11.75	_____
INSECTICIDES	acre	14.01	1.0000	14.01	_____
SEED/PLANTS	acre	39.60	1.0000	39.60	_____
ADJUVANTS	acre	0.08	1.0000	0.08	_____
HAULING	acre	8.00	1.0000	8.00	_____
CUSTOM LIME	acre	8.00	1.0000	8.00	_____
INOCULANT	acre	0.83	1.0000	0.83	_____
HAND LABOR	hour	7.31	0.1463	1.06	_____
IRRIGATE LABOR	hour	7.31	0.0518	0.38	_____
OPERATOR LABOR	hour	10.21	0.2838	2.89	_____
UNALLOCATED LABOR	hour	10.24	0.2440	2.50	_____
DIESEL FUEL	gal	2.33	17.2236	40.13	_____
REPAIR & MAINTENANCE	acre	12.15	1.0000	12.15	_____
INTEREST ON OP. CAP.	acre	6.57	1.0000	6.57	_____

TOTAL DIRECT EXPENSES				188.74	_____
RETURNS ABOVE DIRECT EXPENSES				184.86	_____
TOTAL FIXED EXPENSES				53.21	_____

TOTAL SPECIFIED EXPENSES				241.95	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				131.65	_____

Note: Cost of production estimates are based on 2007 input prices. These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$7 to \$12 per acre.

Table 15.C Estimated resource use for field operations, per acre
 Soybeans after wheat, RR, 12R 20"
 Pivot irrigated, 7.5 ac-in., Delta Area, 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-----				
Lime (Spread)	ton			0.20	Nov	0.2000				
Spin Spreader	5 ton	MFWD 190	0.042	0.40	Nov		0.01	0.01	0.03	0.01
Phosphorus(46% P2O5)	cwt					0.4000				
Potash (60% K2O)	cwt					0.6000				
Sulfur 90%	lb					10.8000				
Spray (Broadcast)	60'	MFWD 190	0.028	1.00	Jun		0.02	0.02	0.04	0.02
Glyphosate Plus 4L	pt					2.0000				
Plant - Rigid	12R-20	MFWD 190	0.094	1.00	Jun		0.09	0.09	0.18	0.08
Soybean Seed RR	lb					60.0000				
Apron Maxx RTA	oz					3.0000				
Nitragin S	oz					3.3000				
Spray (Broadcast)	60'	MFWD 190	0.028	1.00	Jul		0.02	0.02	0.04	0.02
Glyphosate Plus 4L	pt					2.0000				
Spray (Broadcast)	60'	MFWD 190	0.028	0.50	Jul		0.01	0.01	0.02	0.01
Glyphosate Plus 4L	pt					1.0000				
App by Air (5 gal)	appl			1.00	Aug	1.0000				
Karate Z	oz					1.7000				
Stratego	pt					0.6250				
App by Air (5 gal)	appl			1.00	Aug	1.0000				
Acephate 90SP	lb					0.7500				
App by Air (5 gal)	appl			0.50	Aug	0.5000				
Intrepid 2F	oz					2.0000				
Surfactant	pt					0.0500				
Header - Soybean	25' Flex	275hp	0.102	1.00	Oct		0.10	0.10	0.10	0.08
Haul Soybeans	bu					40.0000				
1/2-mi Pivot Irr.	acre				Jul	1.0000			0.05	
TOTALS							0.28	0.28	0.48	0.24

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

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$7 to \$12 per acre.

Table 15.D Estimated costs for field operations, per acre
 Soybeans after wheat, RR, 12R 20"
 Pivot irrigated, 7.5 ac-in., Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST	
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL			
-----dollars-----											
Lime (Spread)	ton	8.00						0.70	8.70		8.70
Spin Spreader	5 ton		0.38	0.16	0.44			0.09	1.07	0.75	1.82
Phosphorus(46% P2O5)	cwt	5.60						0.49	6.09		6.09
Potash (60% K2O)	cwt	7.80						0.68	8.48		8.48
Sulfur 90%	lb	2.16						0.19	2.35		2.35
Spray (Broadcast)	60'		0.64	0.21	0.64			0.05	1.54	0.96	2.50
Glyphosate Plus 4L	pt	4.70						0.17	4.87		4.87
Plant - Rigid	12R-20		2.15	1.77	2.48			0.23	6.63	6.15	12.78
Soybean Seed RR	lb	39.60						1.44	41.04		41.04
Apron Maxx RTA	oz	2.40						0.09	2.49		2.49
Nitragin S	oz	0.83						0.03	0.86		0.86
Spray (Broadcast)	60'		0.64	0.21	0.64			0.04	1.53	0.96	2.49
Glyphosate Plus 4L	pt	4.70						0.14	4.84		4.84
Spray (Broadcast)	60'		0.32	0.10	0.31			0.02	0.75	0.49	1.24
Glyphosate Plus 4L	pt	2.35						0.07	2.42		2.42
App by Air (5 gal)	appl	4.50						0.10	4.60		4.60
Karate Z	oz	5.27						0.12	5.39		5.39
Stratego	pt	11.58						0.25	11.83		11.83
App by Air (5 gal)	appl	4.50						0.10	4.60		4.60
Acephate 90SP	lb	4.88						0.11	4.99		4.99
App by Air (5 gal)	appl	2.25						0.05	2.30		2.30
Intrepid 2F	oz	3.86						0.08	3.94		3.94
Surfactant	pt	0.08							0.08		0.08
Header - Soybean	25' Flex		3.37	2.63	1.94			0.06	8.00	10.83	18.83
Haul Soybeans	bu	8.00						0.06	8.06		8.06
1/2-mi Pivot Irr.	acre		32.63	7.07	0.38			1.21	41.29	33.07	74.36
TOTALS		123.06	40.13	12.15	6.83	0.00	6.57	188.74	53.21	241.95	

Note: Cost of production estimates are based on 2007 input prices.
 These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$7 to \$12 per acre.

Table 15.E Estimated monthly income and expense flows per acre
 Soybeans after wheat, RR, 12R 20"
 Pivot irrigated, 7.5 ac-in., Delta Area, Mississippi, 2008

ITEM	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
-----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	373.60
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.25	0.00	0.00
FERTILIZERS	15.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.40	0.00	11.58	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.70	7.05	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.01	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.60	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	0.00	0.08	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	8.00
CUSTOM LIME	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INOCULANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.83	0.00	0.00	0.00	0.00
LABOR	0.44	0.00	0.00	0.00	0.00	0.00	0.28	3.15	0.99	0.03	0.00	1.94
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	0.38	0.00	0.00	0.00	0.00	0.00	0.00	12.58	14.01	9.79	0.00	3.37
REPAIR & MAINTENANCE	0.16	0.00	0.00	0.00	0.00	0.00	0.00	8.11	0.85	0.40	0.00	2.63
INTEREST ON OP. CAP.	2.15	0.00	0.00	0.00	0.00	0.00	0.01	2.59	0.67	1.03	0.00	0.12
TOTAL DIRECT EXPENSES	26.69	0.00	0.00	0.00	0.00	0.00	0.29	73.96	23.57	48.17	0.00	16.06
NET INCOME	-26.69	0.00	0.00	0.00	0.00	0.00	-0.29	-73.96	-23.57	-48.17	0.00	357.54
NET INCOME TO DATE	-26.69	-26.69	-26.69	-26.69	-26.69	-26.69	-26.98	-100.94	-124.51	-172.68	-172.68	184.86

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

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget.

Fertilization decisions should be based on soil tests. The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$7 to \$12 per acre.

* Lease costs are based on hourly usage costs.

Table 15.F Estimated returns for various price/yield combinations, per acre
 Soybeans after wheat, RR, 12R 20"
 Pivot irrigated, 7.5 ac-in., Delta Area, Mississippi, 2008

PRODUCT			PERCENT										
			75	80	85	90	95	100	105	110	115	120	125
			PRODUCT PRICE										
Soybeans			7.00	7.47	7.93	8.40	8.87	9.34	9.80	10.27	10.74	11.20	11.67
PERCENT	YIELD	UNIT	dollars										
50	20.00	bu	-44	-35	-25	-16	-7	2	11	20	30	39	48
			-97	-88	-79	-69	-60	-51	-41	-32	-23	-13	-4
60	24.00	bu	-17	-6	5	16	27	38	49	61	72	83	94
			-70	-59	-48	-36	-25	-14	-3	7	19	30	41
70	28.00	bu	9	22	35	49	62	75	88	101	114	127	140
			-43	-30	-17	-4	8	21	35	48	61	74	87
80	32.00	bu	37	51	66	81	96	111	126	141	156	171	186
			-16	-1	13	28	43	58	73	88	103	118	133
90	36.00	bu	64	81	97	114	131	148	165	181	198	215	232
			11	27	44	61	78	95	111	128	145	162	179
100	40.00	bu	91	110	128	147	166	184	203	222	240	259	278
			38	56	75	94	112	131	150	169	187	206	225
110	44.00	bu	118	139	159	180	200	221	241	262	283	303	324
			65	86	106	127	147	168	188	209	229	250	270
120	48.00	bu	145	168	190	213	235	257	280	302	325	347	370
			92	115	137	159	182	204	227	249	272	294	316
130	52.00	bu	173	197	221	245	270	294	318	343	367	391	415
			119	144	168	192	217	241	265	289	314	338	362
140	56.00	bu	200	226	252	278	304	331	357	383	409	435	461
			147	173	199	225	251	277	304	330	356	382	408
150	60.00	bu	227	255	283	311	339	367	395	423	451	479	507
			174	202	230	258	286	314	342	370	398	426	454

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 16.A Estimated costs per acre
 Corn, stale seedbed, BtRR, 8-row 38", 185 bu yield goal
 Furrow Irrigated, 13 ac-in., Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	4.50	1.0000	4.50	_____
App by Air (3 gal)	appl	3.50	1.0000	3.50	_____
FERTILIZERS					
DAP	cwt	16.00	1.8000	28.80	_____
Potash (60% K2O)	cwt	13.00	1.3750	17.88	_____
Fert 10-34-0	cwt	16.00	0.5000	8.00	_____
UAN (32% N)	cwt	12.00	7.5000	90.00	_____
HERBICIDES					
Glyphosate Plus 4L	pt	2.35	4.0000	9.40	_____
Clarity	pt	11.60	0.5000	5.80	_____
Gramoxone Inteon	oz	0.23	48.0000	11.04	_____
Lexar	pt	4.90	3.3000	16.17	_____
INSECTICIDES					
Intrepid 2F	oz	1.93	4.0000	7.72	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.20	33.0000	6.60	_____
SEED/PLANTS					
Corn Seed BtRR	thous	2.01	30.0000	60.30	_____
ADJUVANTS					
Surfactant	pt	1.55	0.4000	0.62	_____
HAULING					
Haul Corn	bu	0.20	185.0000	37.00	_____
CUSTOM LIME					
Lime (Spread)	ton	40.00	0.5000	20.00	_____
OPERATOR LABOR					
Tractors	hour	10.21	0.6126	6.27	_____
Harvesters	hour	10.21	0.1009	1.03	_____
IRRIGATE LABOR					
Special Labor	hour	7.31	0.3250	2.36	_____
Implements	hour	7.31	0.0625	0.45	_____
HAND LABOR					
Implements	hour	7.31	0.2141	1.56	_____
UNALLOCATED LABOR					
	hour	10.21	0.5715	5.84	_____
DIESEL FUEL					
Tractors	gal	2.33	5.8662	13.66	_____
Harvesters	gal	2.33	1.4285	3.33	_____
Roll-Out Pipe Irr.	gal	2.33	10.5901	24.68	_____
REPAIR & MAINTENANCE					
Implements	acre	6.18	1.0000	6.18	_____
Tractors	acre	2.24	1.0000	2.24	_____
Harvesters	acre	2.00	1.0000	2.00	_____
Roll-Out Pipe Irr.	acre	4.39	1.0000	4.39	_____
INTEREST ON OP. CAP.	acre	18.65	1.0000	18.65	_____
TOTAL DIRECT EXPENSES				419.97	_____
FIXED EXPENSES					
Implements	acre	11.38	1.0000	11.38	_____
Tractors	acre	17.24	1.0000	17.24	_____
Harvesters	acre	9.59	1.0000	9.59	_____
Roll-Out Pipe Irr.	acre	27.97	1.0000	27.97	_____
TOTAL FIXED EXPENSES				66.18	_____
TOTAL SPECIFIED EXPENSES				486.15	_____

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

Fertilization decisions should be based on soil tests.

Intrepid application is necessary only on refuge acres.

Table 16.B Summary of estimated costs and returns per acre
 Corn, stale seedbed, BtRR, 8-row 38", 185 bu yield goal
 Furrow Irrigated, 13 ac-in., Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Corn	bu	3.81	185.0000	704.85	_____

TOTAL INCOME				704.85	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	8.00	1.0000	8.00	_____
FERTILIZERS	acre	144.68	1.0000	144.68	_____
HERBICIDES	acre	42.41	1.0000	42.41	_____
INSECTICIDES	acre	7.72	1.0000	7.72	_____
IRRIGATION SUPPLIES	acre	6.60	1.0000	6.60	_____
SEED/PLANTS	acre	60.30	1.0000	60.30	_____
ADJUVANTS	acre	0.62	1.0000	0.62	_____
HAULING	acre	37.00	1.0000	37.00	_____
CUSTOM LIME	acre	20.00	1.0000	20.00	_____
HAND LABOR	hour	7.31	0.2141	1.56	_____
IRRIGATE LABOR	hour	7.31	0.3875	2.81	_____
OPERATOR LABOR	hour	10.21	0.7136	7.30	_____
UNALLOCATED LABOR	hour	10.21	0.5715	5.84	_____
DIESEL FUEL	gal	2.33	17.8849	41.67	_____
REPAIR & MAINTENANCE	acre	14.81	1.0000	14.81	_____
INTEREST ON OP. CAP.	acre	18.65	1.0000	18.65	_____

TOTAL DIRECT EXPENSES				419.97	_____
RETURNS ABOVE DIRECT EXPENSES				284.88	_____
TOTAL FIXED EXPENSES				66.18	_____

TOTAL SPECIFIED EXPENSES				486.15	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				218.70	_____

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

Fertilization decisions should be based on soil tests.

Intrepid application is necessary only on refuge acres.

Table 16.C Estimated resource use for field operations, per acre
 Corn, stale seedbed, BtRR, 8-row 38", 185 bu yield goal
 Furrow Irrigated, 13 ac-in., Delta Area, 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-----										
Lime (Spread)	ton			0.25	Oct	0.5000				
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Oct		0.04	0.04	0.08	0.03
DAP	cwt					1.8000				
Potash (60% K2O)	cwt					1.3750				
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct		0.07	0.07	0.07	0.06
Roller	32'-12R30	MFWD 190	0.046	1.00	Oct		0.04	0.04	0.04	0.04
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Glyphosate Plus 4L	pt					2.0000				
Clarity	pt					0.5000				
Plant & Pre-Rigid	8R-38	MFWD 190	0.080	1.00	Mar		0.08	0.08	0.16	0.07
Corn Seed BtRR	thous					30.0000				
Fert 10-34-0	cwt					0.5000				
Gramoxone Inteon	oz					48.0000				
Surfactant	pt					0.4000				
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr		0.07	0.07	0.11	0.06
UAN (32% N)	cwt					3.1250				
Spray (Broadcast)	60'	MFWD 190	0.028	1.00	Apr		0.02	0.02	0.04	0.02
Glyphosate Plus 4L	pt					2.0000				
Lexar	pt					3.3000				
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	May		0.07	0.07	0.11	0.06
UAN (32% N)	cwt					4.3750				
App by Air (3 gal)	appl			1.00	Jun	1.0000				
Intrepid 2F	oz					4.0000				
Header - Corn	8R-38	275hp	0.100	1.00	Sep		0.10	0.10	0.10	0.09
Corn Grain Cart	8R38	700bu	0.025	1.00	Sep		0.02	0.02	0.02	0.02
Haul Corn	bu					185.0000				
Stalk Shredder	20'	MFWD 190	0.082	1.00	Sep		0.08	0.08	0.08	0.07
Roll-Out Pipe Irr.	acre				Jul	1.0000	0.07	0.07	0.46	
TOTALS							0.71	0.71	1.31	0.57

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.
Intrepid application is necessary only on refuge acres.

Table 16.D Estimated costs for field operations, per acre
 Corn, stale seedbed, BtRR, 8-row 38", 185 bu yield goal
 Furrow Irrigated, 13 ac-in., Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST	
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL			
-----dollars-----											
Lime (Spread)	ton	20.00						1.75	21.75		21.75
Spin Spreader	5 ton		0.96	0.42	1.13			0.22	2.73	1.86	4.59
DAP	cwt	28.80						2.52	31.32		31.32
Potash (60% K2O)	cwt	17.88						1.56	19.44		19.44
Disk Bed (Hipper)Rdg	8R-38		1.69	0.54	1.44			0.32	3.99	3.00	6.99
Roller	32'-12R30		1.06	0.29	0.91			0.20	2.46	2.21	4.67
App by Air (5 gal)	appl	4.50						0.26	4.76		4.76
Glyphosate Plus 4L	pt	4.70						0.27	4.97		4.97
Clarity	pt	5.80						0.34	6.14		6.14
Plant & Pre-Rigid	8R-38		1.83	1.16	2.15			0.26	5.40	4.39	9.79
Corn Seed BtRR	thous	60.30						3.08	63.38		63.38
Fert 10-34-0	cwt	8.00						0.41	8.41		8.41
Gramoxone Inteon	oz	11.04						0.56	11.60		11.60
Surfactant	pt	0.62						0.03	0.65		0.65
Fert Appl (Liquid)	8R-38		1.77	1.02	1.78			0.20	4.77	3.26	8.03
UAN (32% N)	cwt	37.50						1.64	39.14		39.14
Spray (Broadcast)	60'		0.64	0.21	0.65			0.07	1.57	0.96	2.53
Glyphosate Plus 4L	pt	4.70						0.21	4.91		4.91
Lexar	pt	16.17						0.71	16.88		16.88
Fert Appl (Liquid)	8R-38		1.77	1.02	1.78			0.17	4.74	3.26	8.00
UAN (32% N)	cwt	52.50						1.91	54.41		54.41
App by Air (3 gal)	appl	3.50						0.10	3.60		3.60
Intrepid 2F	oz	7.72						0.23	7.95		7.95
Header - Corn	8R-38		3.33	3.08	1.96			0.06	8.43	11.62	20.05
Corn Grain Cart 8R38	700bu		0.57	0.24	0.49			0.01	1.31	1.05	2.36
Haul Corn	bu	37.00						0.27	37.27		37.27
Stalk Shredder	20'		1.88	2.07	1.60			0.04	5.59	3.71	9.30
Roll-Out Pipe Irr.	acre	6.60	26.17	4.76	3.62			1.25	42.40	30.86	73.26
TOTALS		327.33	41.67	14.81	17.51	0.00	18.65	419.97	66.18	486.15	

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

Fertilization decisions should be based on soil tests.

Intrepid application is necessary only on refuge acres.

Table 16.E Estimated monthly income and expense flows per acre
 Corn, stale seedbed, BtRR, 8-row 38", 185 bu yield goal
 Furrow Irrigated, 13 ac-in., Delta Area, 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	704.85
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	4.50	0.00	0.00	0.00	3.50	0.00	0.00	0.00
FERTILIZERS	46.68	0.00	0.00	0.00	0.00	8.00	37.50	52.50	0.00	0.00	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	10.50	11.04	20.87	0.00	0.00	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.72	0.00	0.00	0.00
IRRIGATION SUPPLIES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.60	0.00	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	60.30	0.00	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.62	0.00	0.00	0.00	0.00	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	37.00
CUSTOM LIME	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LABOR	3.87	0.00	0.00	0.00	0.00	2.15	2.43	1.96	2.41	0.18	0.46	4.05
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	4.57	0.00	0.00	0.00	0.00	1.83	2.41	1.77	18.85	6.17	0.29	5.78
REPAIR & MAINTENANCE	1.44	0.00	0.00	0.00	0.00	1.16	1.23	1.02	3.89	0.59	0.09	5.39
INTEREST ON OP. CAP.	6.70	0.00	0.00	0.00	0.87	4.34	2.83	2.09	1.28	0.15	0.01	0.38
TOTAL DIRECT EXPENSES	83.26	0.00	0.00	0.00	15.87	89.44	67.27	59.34	44.25	7.09	0.85	52.60
NET INCOME	-83.26	0.00	0.00	0.00	-15.87	-89.44	-67.27	-59.34	-44.25	-7.09	-0.85	652.25
NET INCOME TO DATE	-83.26	-83.26	-83.26	-83.26	-99.13	-188.57	-255.84	-315.18	-359.43	-366.52	-367.37	284.88

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

Fertilization decisions should be based on soil tests.

Intrepid application is necessary only on refuge acres.

* Lease costs are based on hourly usage costs.

Table 16.F Estimated returns for various price/yield combinations, per acre
 Corn, stale seedbed, BtRR, 8-row 38", 185 bu yield goal
 Furrow Irrigated, 13 ac-in., Delta Area, Mississippi, 2008

PRODUCT			-----PERCENT-----										
			75	80	85	90	95	100	105	110	115	120	125
			-----PRODUCT PRICE-----										
Corn			2.85	3.04	3.23	3.42	3.61	3.81	4.00	4.19	4.38	4.57	4.76
PERCENT	YIELD	UNIT	-----dollars-----										
50	92.50	bu	-137	-119	-101	-84	-66	-48	-31	-13	3	21	39
			-203	-185	-167	-150	-132	-115	-97	-79	-62	-44	-26
60	111.00	bu	-87	-66	-45	-24	-3	17	38	60	81	102	123
			-154	-132	-111	-90	-69	-48	-27	-6	15	36	57
70	129.50	bu	-38	-14	10	35	59	84	109	133	158	183	207
			-104	-80	-55	-30	-6	18	43	67	92	117	141
80	148.00	bu	10	38	66	94	123	151	179	207	235	264	292
			-55	-27	0	28	56	85	113	141	169	197	226
90	166.50	bu	59	91	122	154	186	218	249	281	313	344	376
			-6	25	56	88	120	151	183	215	247	278	310
100	185.00	bu	108	143	179	214	249	284	320	355	390	425	461
			42	77	112	148	183	218	253	289	324	359	394
110	203.50	bu	157	196	235	274	312	351	390	429	467	506	545
			91	130	169	207	246	285	324	362	401	440	479
120	222.00	bu	206	249	291	333	376	418	460	502	545	587	629
			140	183	225	267	309	352	394	436	479	521	563
130	240.50	bu	256	301	347	393	439	485	530	576	622	668	714
			189	235	281	327	373	418	464	510	556	602	648
140	259.00	bu	305	354	403	453	502	551	601	650	699	749	798
			239	288	337	387	436	485	535	584	633	683	732
150	277.50	bu	354	407	460	512	565	618	671	724	777	830	882
			288	341	393	446	499	552	605	658	711	763	816

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 17.A Estimated costs per acre
 Corn, stale seedbed, BtRR, non-irrigated, 8-row 38"
 135 bu yield goal, Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	4.50	1.0000	4.50	_____
App by Air (3 gal)	appl	3.50	1.0000	3.50	_____
FERTILIZERS					
DAP	cwt	16.00	1.0870	17.39	_____
Potash (60% K2O)	cwt	13.00	0.8300	10.79	_____
Fert 10-34-0	cwt	16.00	0.5000	8.00	_____
UAN (32% N)	cwt	12.00	5.1565	61.88	_____
HERBICIDES					
Glyphosate Plus 4L	pt	2.35	4.0000	9.40	_____
Clarity	pt	11.60	0.5000	5.80	_____
Gramoxone Inteon	oz	0.23	48.0000	11.04	_____
Lexar	pt	4.90	3.3000	16.17	_____
INSECTICIDES					
Intrepid 2F	oz	1.93	4.0000	7.72	_____
SEED/PLANTS					
Corn Seed BtRR	thous	2.01	26.0000	52.26	_____
ADJUVANTS					
Surfactant	pt	1.55	0.4000	0.62	_____
HAULING					
Haul Corn	bu	0.20	135.0000	27.00	_____
CUSTOM LIME					
Lime (Spread)	ton	40.00	0.5000	20.00	_____
OPERATOR LABOR					
Tractors	hour	10.21	0.5341	5.46	_____
Harvesters	hour	10.21	0.1009	1.03	_____
HAND LABOR					
Implements	hour	7.31	0.2141	1.56	_____
UNALLOCATED LABOR	hour	10.21	0.5715	5.84	_____
DIESEL FUEL					
Tractors	gal	2.33	5.2236	12.17	_____
Harvesters	gal	2.33	1.4285	3.33	_____
REPAIR & MAINTENANCE					
Implements	acre	6.05	1.0000	6.05	_____
Tractors	acre	2.00	1.0000	2.00	_____
Harvesters	acre	2.00	1.0000	2.00	_____
INTEREST ON OP. CAP.	acre	14.17	1.0000	14.17	_____
TOTAL DIRECT EXPENSES				309.68	_____
FIXED EXPENSES					
Implements	acre	10.32	1.0000	10.32	_____
Tractors	acre	15.41	1.0000	15.41	_____
Harvesters	acre	9.59	1.0000	9.59	_____
TOTAL FIXED EXPENSES				35.32	_____
TOTAL SPECIFIED EXPENSES				345.00	_____

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

Fertilization decisions should be based on soil tests.

Intrepid application is necessary only on refuge acres.

Table 17.B Summary of estimated costs and returns per acre
 Corn, stale seedbed, BtRR, non-irrigated, 8-row 38"
 135 bu yield goal, Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Corn	bu	3.81	135.0000	514.35	_____

TOTAL INCOME				514.35	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	8.00	1.0000	8.00	_____
FERTILIZERS	acre	98.06	1.0000	98.06	_____
HERBICIDES	acre	42.41	1.0000	42.41	_____
INSECTICIDES	acre	7.72	1.0000	7.72	_____
SEED/PLANTS	acre	52.26	1.0000	52.26	_____
ADJUVANTS	acre	0.62	1.0000	0.62	_____
HAULING	acre	27.00	1.0000	27.00	_____
CUSTOM LIME	acre	20.00	1.0000	20.00	_____
HAND LABOR	hour	7.31	0.2141	1.56	_____
OPERATOR LABOR	hour	10.21	0.6350	6.49	_____
UNALLOCATED LABOR	hour	10.21	0.5715	5.84	_____
DIESEL FUEL	gal	2.33	6.6521	15.50	_____
REPAIR & MAINTENANCE	acre	10.05	1.0000	10.05	_____
INTEREST ON OP. CAP.	acre	14.17	1.0000	14.17	_____

TOTAL DIRECT EXPENSES				309.68	_____
RETURNS ABOVE DIRECT EXPENSES				204.67	_____
TOTAL FIXED EXPENSES				35.32	_____

TOTAL SPECIFIED EXPENSES				345.00	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				169.35	_____

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

Fertilization decisions should be based on soil tests.

Intrepid application is necessary only on refuge acres.

Table 17.C Estimated resource use for field operations, per acre
 Corn, stale seedbed, BtRR, non-irrigated, 8-row 38"
 135 bu yield goal, Delta Area, 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-----			
Lime (Spread)	ton			0.25	Oct	0.5000				
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Oct		0.04	0.04	0.08	0.03
DAP	cwt					1.0870				
Potash (60% K20)	cwt					0.8300				
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct		0.07	0.07	0.07	0.06
Roller	32'-12R30	MFWD 190	0.046	1.00	Oct		0.04	0.04	0.04	0.04
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Glyphosate Plus 4L	pt					2.0000				
Clarity	pt					0.5000				
Plant & Pre-Rigid	8R-38	MFWD 190	0.080	1.00	Mar		0.08	0.08	0.16	0.07
Corn Seed BtRR	thous					26.0000				
Fert 10-34-0	cwt					0.5000				
Gramoxone Inteon	oz					48.0000				
Surfactant	pt					0.4000				
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr		0.07	0.07	0.11	0.06
UAN (32% N)	cwt					1.8750				
Spray (Broadcast)	60'	MFWD 190	0.028	1.00	Apr		0.02	0.02	0.04	0.02
Glyphosate Plus 4L	pt					2.0000				
Lexar	pt					3.3000				
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	May		0.07	0.07	0.11	0.06
UAN (32% N)	cwt					3.2815				
App by Air (3 gal)	appl			1.00	Jun	1.0000				
Intrepid 2F	oz					4.0000				
Header - Corn	8R-38	275hp	0.100	1.00	Sep		0.10	0.10	0.10	0.09
Corn Grain Cart	8R38	MFWD 190	0.025	1.00	Sep		0.02	0.02	0.02	0.02
Haul Corn	bu					135.0000				
Stalk Shredder	20'	MFWD 190	0.082	1.00	Sep		0.08	0.08	0.08	0.07
TOTALS							0.63	0.63	0.84	0.57

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.
Intrepid application is necessary only on refuge acres.

Table 17.D Estimated costs for field operations, per acre
 Corn, stale seedbed, BtRR, non-irrigated, 8-row 38"
 135 bu yield goal, Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST	
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL			
-----dollars-----											
Lime (Spread)	ton	20.00						1.75	21.75		21.75
Spin Spreader	5 ton		0.96	0.42	1.13			0.22	2.73	1.86	4.59
DAP	cwt	17.39						1.52	18.91		18.91
Potash (60% K20)	cwt	10.79						0.94	11.73		11.73
Disk Bed (Hipper)Rdg	8R-38		1.69	0.54	1.44			0.32	3.99	3.00	6.99
Roller	32'-12R30		1.06	0.29	0.91			0.20	2.46	2.21	4.67
App by Air (5 gal)	appl	4.50						0.26	4.76		4.76
Glyphosate Plus 4L	pt	4.70						0.27	4.97		4.97
Clarity	pt	5.80						0.34	6.14		6.14
Plant & Pre-Rigid	8R-38		1.83	1.16	2.15			0.26	5.40	4.39	9.79
Corn Seed BtRR	thous	52.26						2.67	54.93		54.93
Fert 10-34-0	cwt	8.00						0.41	8.41		8.41
Gramoxone Inteon	oz	11.04						0.56	11.60		11.60
Surfactant	pt	0.62						0.03	0.65		0.65
Fert Appl (Liquid)	8R-38		1.77	1.02	1.78			0.20	4.77	3.26	8.03
UAN (32% N)	cwt	22.50						0.98	23.48		23.48
Spray (Broadcast)	60'		0.64	0.21	0.65			0.07	1.57	0.96	2.53
Glyphosate Plus 4L	pt	4.70						0.21	4.91		4.91
Lexar	pt	16.17						0.71	16.88		16.88
Fert Appl (Liquid)	8R-38		1.77	1.02	1.78			0.17	4.74	3.26	8.00
UAN (32% N)	cwt	39.38						1.44	40.82		40.82
App by Air (3 gal)	appl	3.50						0.10	3.60		3.60
Intrepid 2F	oz	7.72						0.23	7.95		7.95
Header - Corn	8R-38		3.33	3.08	1.96			0.06	8.43	11.62	20.05
Corn Grain Cart 8R38	700bu		0.57	0.24	0.49			0.01	1.31	1.05	2.36
Haul Corn	bu	27.00						0.20	27.20		27.20
Stalk Shredder	20'		1.88	2.07	1.60			0.04	5.59	3.71	9.30
TOTALS		256.07	15.50	10.05	13.89	0.00	14.17	309.68	35.32	345.00	

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.
Intrepid application is necessary only on refuge acres.

Table 17.E Estimated monthly income and expense flows per acre
 Corn, stale seedbed, BtRR, non-irrigated, 8-row 38"
 135 bu yield goal, Delta Area, 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	514.35
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	4.50	0.00	0.00	0.00	3.50	0.00	0.00	0.00
FERTILIZERS	28.18	0.00	0.00	0.00	0.00	8.00	22.50	39.38	0.00	0.00	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	10.50	11.04	20.87	0.00	0.00	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.72	0.00	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	52.26	0.00	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.62	0.00	0.00	0.00	0.00	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	27.00
CUSTOM LIME	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LABOR	3.48	0.00	0.00	0.00	0.00	2.15	2.43	1.78	0.00	0.00	0.00	4.05
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	3.71	0.00	0.00	0.00	0.00	1.83	2.41	1.77	0.00	0.00	0.00	5.78
REPAIR & MAINTENANCE	1.25	0.00	0.00	0.00	0.00	1.16	1.23	1.02	0.00	0.00	0.00	5.39
INTEREST ON OP. CAP.	4.95	0.00	0.00	0.00	0.87	3.93	2.17	1.61	0.33	0.00	0.00	0.31
TOTAL DIRECT EXPENSES	61.57	0.00	0.00	0.00	15.87	80.99	51.61	45.56	11.55	0.00	0.00	42.53
NET INCOME	-61.57	0.00	0.00	0.00	-15.87	-80.99	-51.61	-45.56	-11.55	0.00	0.00	471.82
NET INCOME TO DATE	-61.57	-61.57	-61.57	-61.57	-77.44	-158.43	-210.04	-255.60	-267.15	-267.15	-267.15	204.67

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

Fertilization decisions should be based on soil tests.

Intrepid application is necessary only on refuge acres.

* Lease costs are based on hourly usage costs.

Table 17.F Estimated returns for various price/yield combinations, per acre
 Corn, stale seedbed, BtRR, non-irrigated, 8-row 38"
 135 bu yield goal, Delta Area, Mississippi, 2008

PRODUCT			-----PERCENT-----										
			75	80	85	90	95	100	105	110	115	120	125
			-----PRODUCT PRICE-----										
Corn			2.85	3.04	3.23	3.42	3.61	3.81	4.00	4.19	4.38	4.57	4.76
PERCENT	YIELD	UNIT	-----dollars-----										
50	67.50	bu	-103	-90	-77	-64	-51	-38	-26	-13	-0	12	25
			-138	-125	-112	-99	-87	-74	-61	-48	-35	-22	-9
60	81.00	bu	-67	-51	-36	-21	-5	9	25	40	56	71	86
			-102	-87	-71	-56	-40	-25	-10	5	20	36	51
70	94.50	bu	-31	-13	4	22	40	58	76	94	112	130	148
			-66	-48	-30	-12	5	23	41	59	77	95	113
80	108.00	bu	4	24	45	66	86	107	127	148	168	189	210
			-30	-10	10	30	51	71	92	113	133	154	174
90	121.50	bu	40	63	86	109	132	155	179	202	225	248	271
			4	28	51	74	97	120	143	166	190	213	236
100	135.00	bu	76	101	127	153	178	204	230	256	281	307	333
			40	66	92	117	143	169	195	220	246	272	297
110	148.50	bu	111	140	168	196	225	253	281	309	338	366	394
			76	104	133	161	189	218	246	274	302	331	359
120	162.00	bu	147	178	209	240	271	302	332	363	394	425	456
			112	143	174	205	235	266	297	328	359	390	421
130	175.50	bu	183	217	250	283	317	350	384	417	451	484	517
			148	181	215	248	282	315	348	382	415	449	482
140	189.00	bu	219	255	291	327	363	399	435	471	507	543	579
			184	220	256	292	328	364	400	436	472	508	544
150	202.50	bu	255	293	332	371	409	448	486	525	563	602	641
			220	258	297	335	374	412	451	490	528	567	605

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 18.A Estimated costs per acre
 Corn, conventional tillage, RR seed, 8-row 38",
 185 bu yld goal, furrow irrigated, 13 ac-in., Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	4.50	1.0000	4.50	_____
App by Air (3 gal)	appl	3.50	1.0000	3.50	_____
FERTILIZERS					
DAP	cwt	16.00	1.8000	28.80	_____
Potash (60% K2O)	cwt	13.00	1.3750	17.88	_____
UAN (32% N)	cwt	12.00	7.5000	90.00	_____
HERBICIDES					
Glyphosate Plus 4L	pt	2.35	2.0000	4.70	_____
Clarity	pt	11.60	0.5000	5.80	_____
Atrazine 4L	pt	1.17	4.0000	4.68	_____
Dual II Magnum	pt	13.43	1.3300	17.86	_____
Accent SP	oz	31.60	0.1675	5.29	_____
INSECTICIDES					
Intrepid 2F	oz	1.93	4.0000	7.72	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.20	33.0000	6.60	_____
SEED/PLANTS					
Corn Seed RR	thous	1.87	30.0000	56.10	_____
HAULING					
Haul Corn	bu	0.20	185.0000	37.00	_____
CUSTOM LIME					
Lime (Spread)	ton	40.00	0.5000	20.00	_____
OPERATOR LABOR					
Tractors	hour	10.21	0.8819	9.01	_____
Harvesters	hour	10.21	0.1009	1.03	_____
Self-Propelled	hour	10.21	0.0044	0.05	_____
IRRIGATE LABOR					
Special Labor	hour	7.31	0.3250	2.36	_____
Implements	hour	7.31	0.0625	0.45	_____
HAND LABOR					
Implements	hour	7.31	0.2000	1.46	_____
Self-Propelled	hour	7.31	0.0022	0.02	_____
UNALLOCATED LABOR	hour	10.20	0.8178	8.35	_____
DIESEL FUEL					
Tractors	gal	2.33	8.4994	19.81	_____
Harvesters	gal	2.33	1.4285	3.33	_____
Self-Propelled	gal	2.33	0.0453	0.11	_____
Roll-Out Pipe Irr.	gal	2.33	10.5901	24.68	_____
REPAIR & MAINTENANCE					
Implements	acre	7.27	1.0000	7.27	_____
Tractors	acre	3.24	1.0000	3.24	_____
Harvesters	acre	2.00	1.0000	2.00	_____
Self-Propelled	acre	0.03	1.0000	0.03	_____
Roll-Out Pipe Irr.	acre	4.39	1.0000	4.39	_____
INTEREST ON OP. CAP.	acre	18.73	1.0000	18.73	_____
TOTAL DIRECT EXPENSES				416.75	_____
FIXED EXPENSES					
Implements	acre	14.66	1.0000	14.66	_____
Tractors	acre	25.01	1.0000	25.01	_____
Harvesters	acre	9.59	1.0000	9.59	_____
Self-Propelled	acre	0.26	1.0000	0.26	_____
Roll-Out Pipe Irr.	acre	27.97	1.0000	27.97	_____
TOTAL FIXED EXPENSES				77.49	_____
TOTAL SPECIFIED EXPENSES				494.24	_____

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

Fertilization decisions should be based on soil tests.

Table 18.B Summary of estimated costs and returns per acre
 Corn, conventional tillage, RR seed, 8-row 38",
 185 bu yld goal, furrow irrigated, 13 ac-in., Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Corn	bu	3.81	185.0000	704.85	_____

TOTAL INCOME				704.85	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	8.00	1.0000	8.00	_____
FERTILIZERS	acre	136.68	1.0000	136.68	_____
HERBICIDES	acre	38.33	1.0000	38.33	_____
INSECTICIDES	acre	7.72	1.0000	7.72	_____
IRRIGATION SUPPLIES	acre	6.60	1.0000	6.60	_____
SEED/PLANTS	acre	56.10	1.0000	56.10	_____
HAULING	acre	37.00	1.0000	37.00	_____
CUSTOM LIME	acre	20.00	1.0000	20.00	_____
HAND LABOR	hour	7.31	0.2022	1.48	_____
IRRIGATE LABOR	hour	7.31	0.3875	2.81	_____
OPERATOR LABOR	hour	10.21	0.9872	10.09	_____
UNALLOCATED LABOR	hour	10.20	0.8178	8.35	_____
DIESEL FUEL	gal	2.33	20.5635	47.93	_____
REPAIR & MAINTENANCE	acre	16.93	1.0000	16.93	_____
INTEREST ON OP. CAP.	acre	18.73	1.0000	18.73	_____

TOTAL DIRECT EXPENSES				416.75	_____
RETURNS ABOVE DIRECT EXPENSES				288.10	_____
TOTAL FIXED EXPENSES				77.49	_____

TOTAL SPECIFIED EXPENSES				494.24	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				210.61	_____

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

Fertilization decisions should be based on soil tests.

Table 18.C Estimated resource use for field operations, per acre
 Corn, conventional tillage, RR seed, 8-row 38",
 185 bu yld goal, furrow irrigated, 13 ac-in.,Delta Area, 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-----			
Subsoiler	3 shank	MFWD 190	0.204	0.50	Oct			0.10	0.10	0.09	
Disk Harrow	24'	MFWD 190	0.081	1.00	Oct			0.08	0.08	0.07	
Lime (Spread)	ton			0.25	Oct	0.5000					
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Oct			0.04	0.04	0.03	
DAP	cwt					1.8000					
Potash (60% K2O)	cwt					1.3750					
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct			0.07	0.07	0.06	
App by Air (5 gal)	appl			1.00	Feb	1.0000					
Glyphosate Plus 4L	pt					2.0000					
Clarity	pt					0.5000					
Row Cond (Plant)Rdg	26'	MFWD 190	0.078	1.00	Mar			0.07	0.07	0.07	
Plant & Pre-Rigid	8R-38	MFWD 190	0.080	1.00	Mar			0.08	0.08	0.16	
Corn Seed RR	thous					30.0000					
Atrazine 4L	pt					4.0000					
Dual II Magnum	pt					1.3300					
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr			0.07	0.07	0.11	
UAN (32% N)	cwt					3.1250					
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	May			0.07	0.07	0.11	
UAN (32% N)	cwt					4.3750					
Sprayer(600-750Gal)	60'		0.017	0.25	May			0.00	0.00	0.00	
Accent SP	oz					0.1675					
Cultivate	8R-38	MFWD 190	0.081	1.00	May			0.08	0.08	0.07	
App by Air (3 gal)	appl			1.00	Jun	1.0000					
Intrepid 2F	oz					4.0000					
Header - Corn	8R-38	275hp	0.100	1.00	Sep			0.10	0.10	0.09	
Corn Grain Cart 8R38	700bu	MFWD 190	0.025	1.00	Sep			0.02	0.02	0.02	
Haul Corn	bu					185.0000					
Stalk Shredder	20'	MFWD 190	0.082	1.00	Sep			0.08	0.08	0.07	
Roll-Out Pipe Irr.	acre				Jul	1.0000		0.07	0.07	0.46	
TOTALS								0.98	0.98	1.57	0.81

Note: Cost of production estimates are based on 2007 input prices..
Fertilization decisions should be based on soil tests.

Table 18.D Estimated costs for field operations, per acre
 Corn, conventional tillage, RR seed, 8-row 38",
 185 bu yld goal, furrow irrigated, 13 ac-in.,Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL		
-----dollars-----										
Subsoiler	3 shank		2.33	0.52	1.98		0.42	5.25	3.42	8.67
Disk Harrow	24'		1.87	0.92	1.59		0.38	4.76	3.98	8.74
Lime (Spread)	ton	20.00					1.75	21.75		21.75
Spin Spreader	5 ton		0.96	0.42	1.13		0.22	2.73	1.86	4.59
DAP	cwt	28.80					2.52	31.32		31.32
Potash (60% K2O)	cwt	17.88					1.56	19.44		19.44
Disk Bed (Hipper)Rdg	8R-38		1.69	0.54	1.44		0.32	3.99	3.00	6.99
App by Air (5 gal)	appl	4.50					0.26	4.76		4.76
Glyphosate Plus 4L	pt	4.70					0.27	4.97		4.97
Clarity	pt	5.80					0.34	6.14		6.14
Row Cond (Plant)Rdg	26'		1.79	0.48	1.52		0.19	3.98	3.25	7.23
Plant & Pre-Rigid	8R-38		1.83	1.16	2.15		0.26	5.40	4.39	9.79
Corn Seed RR	thous	56.10					2.86	58.96		58.96
Atrazine 4L	pt	4.68					0.24	4.92		4.92
Dual II Magnum	pt	17.86					0.91	18.77		18.77
Fert Appl (Liquid)	8R-38		1.77	1.02	1.78		0.20	4.77	3.26	8.03
UAN (32% N)	cwt	37.50					1.64	39.14		39.14
Fert Appl (Liquid)	8R-38		1.77	1.02	1.78		0.17	4.74	3.26	8.00
UAN (32% N)	cwt	52.50					1.91	54.41		54.41
Sprayer(600-750Gal)	60'		0.11	0.03	0.11		0.01	0.26	0.26	0.52
Accent SP	oz	5.29					0.19	5.48		5.48
Cultivate	8R-38		1.86	0.67	1.58		0.15	4.26	3.57	7.83
App by Air (3 gal)	appl	3.50					0.10	3.60		3.60
Intrepid 2F	oz	7.72					0.23	7.95		7.95
Header - Corn	8R-38		3.33	3.08	1.96		0.06	8.43	11.62	20.05
Corn Grain Cart 8R38	700bu		0.57	0.24	0.49		0.01	1.31	1.05	2.36
Haul Corn	bu	37.00					0.27	37.27		37.27
Stalk Shredder	20'		1.88	2.07	1.60		0.04	5.59	3.71	9.30
Roll-Out Pipe Irr.	acre	6.60	26.17	4.76	3.62		1.25	42.40	30.86	73.26
TOTALS		310.43	47.93	16.93	22.73	0.00	18.73	416.75	77.49	494.24

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 18.E Estimated monthly income and expense flows per acre
 Corn, conventional tillage, RR seed, 8-row 38",
 185 bu yld goal, furrow irrigated, 13 ac-in.,Delta Area, 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	704.85
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	4.50	0.00	0.00	0.00	3.50	0.00	0.00	0.00
FERTILIZERS	46.68	0.00	0.00	0.00	0.00	0.00	37.50	52.50	0.00	0.00	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	10.50	22.54	0.00	5.29	0.00	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.72	0.00	0.00	0.00
IRRIGATION SUPPLIES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.60	0.00	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	56.10	0.00	0.00	0.00	0.00	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	37.00
CUSTOM LIME	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LABOR	6.53	0.00	0.00	0.00	0.00	3.67	1.78	3.65	2.41	0.18	0.46	4.05
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	7.71	0.00	0.00	0.00	0.00	3.62	1.77	3.74	18.85	6.17	0.29	5.78
REPAIR & MAINTENANCE	2.59	0.00	0.00	0.00	0.00	1.64	1.02	1.72	3.89	0.59	0.09	5.39
INTEREST ON OP. CAP.	7.30	0.00	0.00	0.00	0.87	4.46	1.84	2.44	1.28	0.15	0.01	0.38
TOTAL DIRECT EXPENSES	90.81	0.00	0.00	0.00	15.87	92.03	43.91	69.34	44.25	7.09	0.85	52.60
NET INCOME	-90.81	0.00	0.00	0.00	-15.87	-92.03	-43.91	-69.34	-44.25	-7.09	-0.85	652.25
NET INCOME TO DATE	-90.81	-90.81	-90.81	-90.81	-106.68	-198.71	-242.62	-311.96	-356.21	-363.30	-364.15	288.10

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

Fertilization decisions should be based on soil tests.

* Lease costs are based on hourly usage costs.

Table 18.F Estimated returns for various price/yield combinations, per acre
 Corn, conventional tillage, RR seed, 8-row 38",
 185 bu yld goal, furrow irrigated, 13 ac-in.,Delta Area, Mississippi, 2008

PRODUCT			-----PERCENT-----										
			75	80	85	90	95	100	105	110	115	120	125
			-----PRODUCT PRICE-----										
Corn			2.85	3.04	3.23	3.42	3.61	3.81	4.00	4.19	4.38	4.57	4.76
PERCENT	YIELD	UNIT	-----dollars-----										
50	92.50	bu	-133	-116	-98	-80	-63	-45	-28	-10	7	24	42
			-211	-193	-176	-158	-140	-123	-105	-87	-70	-52	-35
60	111.00	bu	-84	-63	-42	-21	-0	21	42	63	84	105	126
			-162	-141	-119	-98	-77	-56	-35	-14	7	28	49
70	129.50	bu	-35	-10	13	38	63	87	112	137	161	186	211
			-113	-88	-63	-39	-14	10	35	59	84	109	133
80	148.00	bu	13	41	70	98	126	154	182	210	239	267	295
			-63	-35	-7	20	48	77	105	133	161	189	218
90	166.50	bu	62	94	126	157	189	221	253	284	316	348	379
			-14	16	48	80	112	143	175	207	239	270	302
100	185.00	bu	111	147	182	217	252	288	323	358	393	429	464
			34	69	104	140	175	210	245	281	316	351	386
110	203.50	bu	161	199	238	277	316	354	393	432	471	509	548
			83	122	161	199	238	277	316	354	393	432	471
120	222.00	bu	210	252	294	337	379	421	463	506	548	590	633
			132	174	217	259	301	344	386	428	470	513	555
130	240.50	bu	259	305	350	396	442	488	534	580	625	671	717
			181	227	273	319	365	410	456	502	548	594	639
140	259.00	bu	308	357	407	456	505	555	604	653	703	752	801
			230	280	329	378	428	477	526	576	625	675	724
150	277.50	bu	357	410	463	516	569	621	674	727	780	833	886
			280	332	385	438	491	544	597	650	702	755	808

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 19.A Estimated costs per acre
 Corn, conventional tillage, RR seed, 8-row 38
 135 bu yield goal, non-irrigated, Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	4.50	1.0000	4.50	_____
App by Air (3 gal)	appl	3.50	1.0000	3.50	_____
FERTILIZERS					
DAP	cwt	16.00	1.0870	17.39	_____
Potash (60% K2O)	cwt	13.00	0.8300	10.79	_____
UAN (32% N)	cwt	12.00	5.1565	61.88	_____
HERBICIDES					
Glyphosate Plus 4L	pt	2.35	2.0000	4.70	_____
Clarity	pt	11.60	0.5000	5.80	_____
Atrazine 4L	pt	1.17	4.0000	4.68	_____
Dual II Magnum	pt	13.43	1.3300	17.86	_____
Accent SP	oz	31.60	0.1675	5.29	_____
INSECTICIDES					
Intrepid 2F	oz	1.93	4.0000	7.72	_____
SEED/PLANTS					
Corn Seed RR	thous	1.87	26.0000	48.62	_____
HAULING					
Haul Corn	bu	0.20	135.0000	27.00	_____
CUSTOM LIME					
Lime (Spread)	ton	40.00	0.5000	20.00	_____
OPERATOR LABOR					
Tractors	hour	10.21	0.7218	7.37	_____
Harvesters	hour	10.21	0.1009	1.03	_____
Self-Propelled	hour	10.21	0.0044	0.05	_____
HAND LABOR					
Implements	hour	7.31	0.2000	1.46	_____
Self-Propelled	hour	7.31	0.0022	0.02	_____
UNALLOCATED LABOR	hour	10.20	0.7445	7.60	_____
DIESEL FUEL					
Tractors	gal	2.33	7.0595	16.46	_____
Harvesters	gal	2.33	1.4285	3.33	_____
Self-Propelled	gal	2.33	0.0453	0.11	_____
REPAIR & MAINTENANCE					
Implements	acre	6.77	1.0000	6.77	_____
Tractors	acre	2.70	1.0000	2.70	_____
Harvesters	acre	2.00	1.0000	2.00	_____
Self-Propelled	acre	0.03	1.0000	0.03	_____
INTEREST ON OP. CAP.	acre	14.13	1.0000	14.13	_____
TOTAL DIRECT EXPENSES				302.79	_____
FIXED EXPENSES					
Implements	acre	12.38	1.0000	12.38	_____
Tractors	acre	20.83	1.0000	20.83	_____
Harvesters	acre	9.59	1.0000	9.59	_____
Self-Propelled	acre	0.26	1.0000	0.26	_____
TOTAL FIXED EXPENSES				43.06	_____
TOTAL SPECIFIED EXPENSES				345.85	_____

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

Fertilization decisions should be based on soil tests.

Table 19.B Summary of estimated costs and returns per acre
 Corn, conventional tillage, RR seed, 8-row 38
 135 bu yield goal, non-irrigated, Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Corn	bu	3.81	135.0000	514.35	_____

TOTAL INCOME				514.35	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	8.00	1.0000	8.00	_____
FERTILIZERS	acre	90.06	1.0000	90.06	_____
HERBICIDES	acre	38.33	1.0000	38.33	_____
INSECTICIDES	acre	7.72	1.0000	7.72	_____
SEED/PLANTS	acre	48.62	1.0000	48.62	_____
HAULING	acre	27.00	1.0000	27.00	_____
CUSTOM LIME	acre	20.00	1.0000	20.00	_____
HAND LABOR	hour	7.31	0.2022	1.48	_____
OPERATOR LABOR	hour	10.21	0.8272	8.45	_____
UNALLOCATED LABOR	hour	10.20	0.7445	7.60	_____
DIESEL FUEL	gal	2.33	8.5335	19.90	_____
REPAIR & MAINTENANCE	acre	11.50	1.0000	11.50	_____
INTEREST ON OP. CAP.	acre	14.13	1.0000	14.13	_____

TOTAL DIRECT EXPENSES				302.79	_____
RETURNS ABOVE DIRECT EXPENSES				211.56	_____
TOTAL FIXED EXPENSES				43.06	_____

TOTAL SPECIFIED EXPENSES				345.85	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				168.50	_____

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

Fertilization decisions should be based on soil tests.

Table 19.C Estimated resource use for field operations, per acre
 Corn, conventional tillage, RR seed, 8-row 38
 135 bu yield goal, non-irrigated, Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	INPUT AMOUNT	POWER IMPLEMENT	POWER UNIT	ALLOC LABOR	UNALL LABOR
							-----hours-----			
Subsoiler	3 shank	MFWD 190	0.204	0.50	Oct		0.10	0.10	0.10	0.09
Disk Harrow	24'	MFWD 190	0.081	1.00	Oct		0.08	0.08	0.08	0.07
Lime (Spread)	ton			0.25	Oct	0.5000				
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Oct		0.04	0.04	0.08	0.03
DAP	cwt					1.0870				
Potash (60% K2O)	cwt					0.8300				
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct		0.07	0.07	0.07	0.06
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Glyphosate Plus 4L	pt					2.0000				
Clarity	pt					0.5000				
Row Cond (Plant)Rdg	26'	MFWD 190	0.078	1.00	Mar		0.07	0.07	0.07	0.07
Plant & Pre-Rigid	8R-38	MFWD 190	0.080	1.00	Mar		0.08	0.08	0.16	0.07
Corn Seed RR	thous					26.0000				
Atrazine 4L	pt					4.0000				
Dual II Magnum	pt					1.3300				
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr		0.07	0.07	0.11	0.06
UAN (32% N)	cwt					1.8750				
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	May		0.07	0.07	0.11	0.06
UAN (32% N)	cwt					3.2815				
Sprayer(600-750Gal)	60'		0.017	0.25	May			0.00	0.00	0.00
Accent SP	oz					0.1675				
App by Air (3 gal)	appl			1.00	Jun	1.0000				
Intrepid 2F	oz					4.0000				
Header - Corn	8R-38	275hp	0.100	1.00	Sep		0.10	0.10	0.10	0.09
Corn Grain Cart 8R38	700bu	MFWD 190	0.025	1.00	Sep		0.02	0.02	0.02	0.02
Haul Corn	bu					135.0000				
Stalk Shredder	20'	MFWD 190	0.082	1.00	Sep		0.08	0.08	0.08	0.07
TOTALS							0.82	0.82	1.02	0.74

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 19.D Estimated costs for field operations, per acre
 Corn, conventional tillage, RR seed, 8-row 38
 135 bu yield goal, non-irrigated, Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL		
-----dollars-----										
Subsoiler	3 shank		2.33	0.52	1.98		0.42	5.25	3.42	8.67
Disk Harrow	24'		1.87	0.92	1.59		0.38	4.76	3.98	8.74
Lime (Spread)	ton	20.00					1.75	21.75		21.75
Spin Spreader	5 ton		0.96	0.42	1.13		0.22	2.73	1.86	4.59
DAP	cwt	17.39					1.52	18.91		18.91
Potash (60% K2O)	cwt	10.79					0.94	11.73		11.73
Disk Bed (Hipper)Rdg	8R-38		1.69	0.54	1.44		0.32	3.99	3.00	6.99
App by Air (5 gal)	appl	4.50					0.26	4.76		4.76
Glyphosate Plus 4L	pt	4.70					0.27	4.97		4.97
Clarity	pt	5.80					0.34	6.14		6.14
Row Cond (Plant)Rdg	26'		1.79	0.48	1.52		0.19	3.98	3.25	7.23
Plant & Pre-Rigid	8R-38		1.83	1.16	2.15		0.26	5.40	4.39	9.79
Corn Seed RR	thous	48.62					2.48	51.10		51.10
Atrazine 4L	pt	4.68					0.24	4.92		4.92
Dual II Magnum	pt	17.86					0.91	18.77		18.77
Fert Appl (Liquid)	8R-38		1.77	1.02	1.78		0.20	4.77	3.26	8.03
UAN (32% N)	cwt	22.50					0.98	23.48		23.48
Fert Appl (Liquid)	8R-38		1.77	1.02	1.78		0.17	4.74	3.26	8.00
UAN (32% N)	cwt	39.38					1.44	40.82		40.82
Sprayer(600-750Gal)	60'		0.11	0.03	0.11		0.01	0.26	0.26	0.52
Accent SP	oz	5.29					0.19	5.48		5.48
App by Air (3 gal)	appl	3.50					0.10	3.60		3.60
Intrepid 2F	oz	7.72					0.23	7.95		7.95
Header - Corn	8R-38		3.33	3.08	1.96		0.06	8.43	11.62	20.05
Corn Grain Cart 8R38	700bu		0.57	0.24	0.49		0.01	1.31	1.05	2.36
Haul Corn	bu	27.00					0.20	27.20		27.20
Stalk Shredder	20'		1.88	2.07	1.60		0.04	5.59	3.71	9.30
TOTALS		239.73	19.90	11.50	17.53	0.00	14.13	302.79	43.06	345.85

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 19.E Estimated monthly income and expense flows per acre
 Corn, conventional tillage, RR seed, 8-row 38
 135 bu yield goal, non-irrigated, Delta Area, 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	514.35
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	4.50	0.00	0.00	0.00	3.50	0.00	0.00	0.00
FERTILIZERS	28.18	0.00	0.00	0.00	0.00	0.00	22.50	39.38	0.00	0.00	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	10.50	22.54	0.00	5.29	0.00	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.72	0.00	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	48.62	0.00	0.00	0.00	0.00	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	27.00
CUSTOM LIME	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LABOR	6.14	0.00	0.00	0.00	0.00	3.67	1.78	1.89	0.00	0.00	0.00	4.05
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	6.85	0.00	0.00	0.00	0.00	3.62	1.77	1.88	0.00	0.00	0.00	5.78
REPAIR & MAINTENANCE	2.40	0.00	0.00	0.00	0.00	1.64	1.02	1.05	0.00	0.00	0.00	5.39
INTEREST ON OP. CAP.	5.55	0.00	0.00	0.00	0.87	4.08	1.18	1.81	0.33	0.00	0.00	0.31
TOTAL DIRECT EXPENSES	69.12	0.00	0.00	0.00	15.87	84.17	28.25	51.30	11.55	0.00	0.00	42.53
NET INCOME	-69.12	0.00	0.00	0.00	-15.87	-84.17	-28.25	-51.30	-11.55	0.00	0.00	471.82
NET INCOME TO DATE	-69.12	-69.12	-69.12	-69.12	-84.99	-169.16	-197.41	-248.71	-260.26	-260.26	-260.26	211.56

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

Fertilization decisions should be based on soil tests.

* Lease costs are based on hourly usage costs.

Table 19.F Estimated returns for various price/yield combinations, per acre
 Corn, conventional tillage, RR seed, 8-row 38
 135 bu yield goal, non-irrigated, Delta Area, Mississippi, 2008

PRODUCT			-----PERCENT-----										
			75	80	85	90	95	100	105	110	115	120	125
			-----PRODUCT PRICE-----										
Corn			2.85	3.04	3.23	3.42	3.61	3.81	4.00	4.19	4.38	4.57	4.76
PERCENT	YIELD	UNIT	-----dollars-----										
50	67.50	bu	-96	-83	-70	-57	-44	-32	-19	-6	6	19	32
			-139	-126	-113	-100	-87	-75	-62	-49	-36	-23	-10
60	81.00	bu	-60	-45	-29	-14	1	16	32	47	62	78	93
			-103	-88	-72	-57	-41	-26	-10	4	19	35	50
70	94.50	bu	-24	-6	11	29	47	65	83	101	119	137	155
			-67	-49	-31	-13	4	22	40	58	76	94	112
80	108.00	bu	11	31	52	72	93	114	134	155	175	196	217
			-31	-11	9	29	50	71	91	112	132	153	173
90	121.50	bu	47	70	93	116	139	162	185	209	232	255	278
			4	27	50	73	96	119	142	166	189	212	235
100	135.00	bu	82	108	134	160	185	211	237	262	288	314	340
			39	65	91	117	142	168	194	219	245	271	297
110	148.50	bu	118	147	175	203	231	260	288	316	345	373	401
			75	104	132	160	188	217	245	273	302	330	358
120	162.00	bu	154	185	216	247	278	308	339	370	401	432	463
			111	142	173	204	235	265	296	327	358	389	420
130	175.50	bu	190	223	257	290	324	357	391	424	458	491	524
			147	180	214	247	281	314	348	381	414	448	481
140	189.00	bu	226	262	298	334	370	406	442	478	514	550	586
			183	219	255	291	327	363	399	435	471	507	543
150	202.50	bu	262	300	339	377	416	455	493	532	570	609	648
			219	257	296	334	373	412	450	489	527	566	604

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 20.A Estimated costs per acre
 Corn, stale seedbed, RR seed , 8-row 30",
 135 bu yield goal, All Areas, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	4.50	1.0000	4.50	_____
App by Air (3 gal)	appl	3.50	1.0000	3.50	_____
FERTILIZERS					
DAP	cwt	16.00	1.0870	17.39	_____
Potash (60% K2O)	cwt	13.00	0.8300	10.79	_____
UAN (32% N)	cwt	12.00	5.1565	61.88	_____
HERBICIDES					
Glyphosate Plus 4L	pt	2.35	2.0000	4.70	_____
Clarity	pt	11.60	0.5000	5.80	_____
Atrazine 4L	pt	1.17	4.0000	4.68	_____
Dual Magnum	pt	12.64	1.3300	16.81	_____
Gramoxone Inteon	oz	0.23	48.0000	11.04	_____
Steadfast	oz	22.36	0.3750	8.39	_____
INSECTICIDES					
Intrepid 2F	oz	1.93	4.0000	7.72	_____
SEED/PLANTS					
Corn Seed RR	thous	1.87	28.0000	52.36	_____
ADJUVANTS					
Surfactant	pt	1.55	0.4000	0.62	_____
HAULING					
Haul Corn	bu	0.20	135.0000	27.00	_____
CUSTOM LIME					
Lime (Spread)	ton	40.00	0.5000	20.00	_____
OPERATOR LABOR					
Tractors	hour	10.21	0.7203	7.36	_____
Harvesters	hour	10.21	0.1277	1.30	_____
HAND LABOR					
Implements	hour	7.31	0.2559	1.87	_____
UNALLOCATED LABOR	hour	10.19	0.7632	7.78	_____
DIESEL FUEL					
Tractors	gal	2.33	6.3037	14.68	_____
Harvesters	gal	2.33	1.5772	3.67	_____
REPAIR & MAINTENANCE					
Implements	acre	7.67	1.0000	7.67	_____
Tractors	acre	2.55	1.0000	2.55	_____
Harvesters	acre	2.15	1.0000	2.15	_____
INTEREST ON OP. CAP.	acre	14.84	1.0000	14.84	_____
TOTAL DIRECT EXPENSES				321.05	_____
FIXED EXPENSES					
Implements	acre	13.91	1.0000	13.91	_____
Tractors	acre	19.73	1.0000	19.73	_____
Harvesters	acre	10.29	1.0000	10.29	_____
TOTAL FIXED EXPENSES				43.93	_____
TOTAL SPECIFIED EXPENSES				364.98	_____

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 20.B Summary of estimated costs and returns per acre
 Corn, stale seedbed, RR seed , 8-row 30",
 135 bu yield goal, All Areas, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Corn	bu	3.81	135.0000	514.35	_____

TOTAL INCOME				514.35	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	8.00	1.0000	8.00	_____
FERTILIZERS	acre	90.06	1.0000	90.06	_____
HERBICIDES	acre	51.42	1.0000	51.42	_____
INSECTICIDES	acre	7.72	1.0000	7.72	_____
SEED/PLANTS	acre	52.36	1.0000	52.36	_____
ADJUVANTS	acre	0.62	1.0000	0.62	_____
HAULING	acre	27.00	1.0000	27.00	_____
CUSTOM LIME	acre	20.00	1.0000	20.00	_____
HAND LABOR	hour	7.31	0.2559	1.87	_____
OPERATOR LABOR	hour	10.21	0.8481	8.66	_____
UNALLOCATED LABOR	hour	10.19	0.7632	7.78	_____
DIESEL FUEL	gal	2.33	7.8809	18.35	_____
REPAIR & MAINTENANCE	acre	12.37	1.0000	12.37	_____
INTEREST ON OP. CAP.	acre	14.84	1.0000	14.84	_____

TOTAL DIRECT EXPENSES				321.05	_____
RETURNS ABOVE DIRECT EXPENSES				193.30	_____
TOTAL FIXED EXPENSES				43.93	_____

TOTAL SPECIFIED EXPENSES				364.98	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				149.37	_____

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

Fertilization decisions should be based on soil tests.

Table 20.C Estimated resource use for field operations, per acre
 Corn, stale seedbed, RR seed , 8-row 30",
 135 bu yield goal, 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-----				
Lime (Spread)	ton			0.25	Oct	0.5000				
Spin Spreader	5 ton	MFWD 170	0.042	1.00	Oct		0.04	0.04	0.08	0.03
DAP	cwt					1.0870				
Potash (60% K2O)	cwt					0.8300				
Heavy Disk	21'	MFWD 170	0.097	1.00	Oct		0.09	0.09	0.09	0.08
Disk Bed (Hipper)	8R-30	MFWD 170	0.093	1.00	Oct		0.09	0.09	0.09	0.08
Roller	32'-12R30	MFWD 170	0.046	1.00	Oct		0.04	0.04	0.04	0.04
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Glyphosate Plus 4L	pt					2.0000				
Clarity	pt					0.5000				
Plant & Pre-Rigid	8R-30	MFWD 170	0.101	1.00	Mar		0.10	0.10	0.20	0.09
Corn Seed RR	thous					28.0000				
Atrazine 4L	pt					4.0000				
Dual Magnum	pt					1.3300				
Gramoxone Inteon	oz					48.0000				
Surfactant	pt					0.4000				
Fert Appl (Liquid)	8R-30	MFWD 170	0.098	1.00	Apr		0.09	0.09	0.14	0.08
UAN (32% N)	cwt					1.8750				
Fert Appl (Liquid)	8R-30	MFWD 170	0.098	1.00	May		0.09	0.09	0.14	0.08
UAN (32% N)	cwt					3.2815				
Spray (Broadcast)	60'	MFWD 170	0.028	1.00	May		0.02	0.02	0.04	0.02
Steadfast	oz					0.3750				
App by Air (3 gal)	appl			1.00	Jun	1.0000				
Intrepid 2F	oz					4.0000				
Header - Corn	8R-30	240hp	0.127	1.00	Sep		0.12	0.12	0.12	0.11
Corn Grain Cart 8R30	500 bu	MFWD 170	0.031	1.00	Sep		0.03	0.03	0.03	0.02
Haul Corn	bu					135.0000				
Stalk Shredder	20'	MFWD 170	0.082	1.00	Sep		0.08	0.08	0.08	0.07
TOTALS							0.84	0.84	1.10	0.76

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 20.D Estimated costs for field operations, per acre
 Corn, stale seedbed, RR seed , 8-row 30",
 135 bu yield goal, 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-----											
Lime (Spread)	ton	20.00						1.75	21.75		21.75
Spin Spreader	5 ton		0.86	0.41	1.13			0.21	2.61	1.80	4.41
DAP	cwt	17.39						1.52	18.91		18.91
Potash (60% K20)	cwt	10.79						0.94	11.73		11.73
Heavy Disk	21'		1.98	1.02	1.88			0.43	5.31	4.47	9.78
Disk Bed (Hipper)	8R-30		1.91	0.61	1.82			0.38	4.72	3.51	8.23
Roller	32'-12R30		0.95	0.29	0.91			0.19	2.34	2.14	4.48
App by Air (5 gal)	appl	4.50						0.26	4.76		4.76
Glyphosate Plus 4L	pt	4.70						0.27	4.97		4.97
Clarity	pt	5.80						0.34	6.14		6.14
Plant & Pre-Rigid	8R-30		2.07	1.54	2.71			0.32	6.64	5.62	12.26
Corn Seed RR	thous	52.36						2.67	55.03		55.03
Atrazine 4L	pt	4.68						0.24	4.92		4.92
Dual Magnum	pt	16.81						0.86	17.67		17.67
Gramoxone Inteon	oz	11.04						0.56	11.60		11.60
Surfactant	pt	0.62						0.03	0.65		0.65
Fert Appl (Liquid)	8R-30		2.00	1.28	2.26			0.24	5.78	4.00	9.78
UAN (32% N)	cwt	22.50						0.98	23.48		23.48
Fert Appl (Liquid)	8R-30		2.00	1.28	2.26			0.20	5.74	4.00	9.74
UAN (32% N)	cwt	39.38						1.44	40.82		40.82
Spray (Broadcast)	60'		0.58	0.20	0.65			0.05	1.48	0.92	2.40
Steadfast	oz	8.39						0.31	8.70		8.70
App by Air (3 gal)	appl	3.50						0.10	3.60		3.60
Intrepid 2F	oz	7.72						0.23	7.95		7.95
Header - Corn	8R-30		3.67	3.45	2.47			0.07	9.66	12.72	22.38
Corn Grain Cart 8R30	500 bu		0.65	0.24	0.62			0.01	1.52	1.16	2.68
Haul Corn	bu	27.00						0.20	27.20		27.20
Stalk Shredder	20'		1.68	2.05	1.60			0.04	5.37	3.59	8.96
TOTALS			257.18	18.35	12.37	18.31	0.00	14.84	321.05	43.93	364.98

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 20.E Estimated monthly income and expense flows per acre
 Corn, stale seedbed, RR seed , 8-row 30",
 135 bu yield goal, 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	514.35
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	4.50	0.00	0.00	0.00	3.50	0.00	0.00	0.00
FERTILIZERS	28.18	0.00	0.00	0.00	0.00	0.00	22.50	39.38	0.00	0.00	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	10.50	32.53	0.00	8.39	0.00	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.72	0.00	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	52.36	0.00	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.62	0.00	0.00	0.00	0.00	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	27.00
CUSTOM LIME	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LABOR	5.74	0.00	0.00	0.00	0.00	2.71	2.26	2.91	0.00	0.00	0.00	4.69
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	5.70	0.00	0.00	0.00	0.00	2.07	2.00	2.58	0.00	0.00	0.00	6.00
REPAIR & MAINTENANCE	2.33	0.00	0.00	0.00	0.00	1.54	1.28	1.48	0.00	0.00	0.00	5.74
INTEREST ON OP. CAP.	5.42	0.00	0.00	0.00	0.87	4.68	1.22	2.00	0.33	0.00	0.00	0.32
TOTAL DIRECT EXPENSES	67.37	0.00	0.00	0.00	15.87	96.51	29.26	56.74	11.55	0.00	0.00	43.75
NET INCOME	-67.37	0.00	0.00	0.00	-15.87	-96.51	-29.26	-56.74	-11.55	0.00	0.00	470.60
NET INCOME TO DATE	-67.37	-67.37	-67.37	-67.37	-83.24	-179.75	-209.01	-265.75	-277.30	-277.30	-277.30	193.30

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

Fertilization decisions should be based on soil tests.

* Lease costs are based on hourly usage costs.

Table 20.F Estimated returns for various price/yield combinations, per acre
 Corn, stale seedbed, RR seed , 8-row 30",
 135 bu yield goal, All Areas, Mississippi, 2008

PRODUCT			-----PERCENT-----										
			75	80	85	90	95	100	105	110	115	120	125
			-----PRODUCT PRICE-----										
Corn			2.85	3.04	3.23	3.42	3.61	3.81	4.00	4.19	4.38	4.57	4.76
PERCENT	YIELD	UNIT	-----dollars-----										
50	67.50	bu	-114	-101	-88	-75	-63	-50	-37	-24	-11	1	14
			-158	-145	-132	-119	-107	-94	-81	-68	-55	-42	-29
60	81.00	bu	-78	-63	-47	-32	-16	-1	13	29	44	60	75
			-122	-107	-91	-76	-60	-45	-30	-14	0	16	31
70	94.50	bu	-42	-24	-6	11	29	47	65	83	101	119	137
			-86	-68	-50	-32	-14	3	21	39	57	75	93
80	108.00	bu	-7	13	34	54	75	95	116	137	157	178	198
			-50	-30	-9	10	31	51	72	93	113	134	154
90	121.50	bu	28	52	75	98	121	144	167	190	214	237	260
			-15	8	31	54	77	100	123	146	170	193	216
100	135.00	bu	64	90	116	141	167	193	219	244	270	296	321
			20	46	72	97	123	149	175	200	226	252	277
110	148.50	bu	100	128	157	185	213	242	270	298	326	355	383
			56	84	113	141	169	198	226	254	282	311	339
120	162.00	bu	136	167	198	229	259	290	321	352	383	414	445
			92	123	154	185	215	246	277	308	339	370	401
130	175.50	bu	172	205	239	272	306	339	372	406	439	473	506
			128	161	195	228	262	295	328	362	395	429	462
140	189.00	bu	208	244	280	316	352	388	424	460	496	532	568
			164	200	236	272	308	344	380	416	452	488	524
150	202.50	bu	243	282	321	359	398	436	475	514	552	591	629
			200	238	277	315	354	392	431	470	508	547	585

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 21.A Estimated costs per acre
 Grain sorghum, 12-row 30", 100 bu yield goal
 All Areas, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
Custom Apply	acre	5.00	1.0000	5.00	_____
FERTILIZERS					
DAP	cwt	16.00	0.7600	12.16	_____
Potash (60% K2O)	cwt	13.00	0.5800	7.54	_____
UAN (32% N)	cwt	12.00	3.0690	36.83	_____
HERBICIDES					
Bicep II Magnum	qt	9.41	3.0000	28.23	_____
SEED/PLANTS					
Sorghum Concept	lb	1.40	6.0000	8.40	_____
HAULING					
Haul Sorghum	bu	0.20	100.0000	20.00	_____
CUSTOM LIME					
Lime (Spread)	ton	40.00	0.5000	20.00	_____
OPERATOR LABOR					
Tractors	hour	10.21	0.3434	3.51	_____
Harvesters	hour	10.21	0.1021	1.04	_____
HAND LABOR					
Implements	hour	7.31	0.1756	1.29	_____
UNALLOCATED LABOR	hour	10.22	0.4010	4.10	_____
DIESEL FUEL					
Tractors	gal	2.33	3.0053	7.00	_____
Harvesters	gal	2.33	1.4457	3.37	_____
REPAIR & MAINTENANCE					
Implements	acre	3.99	1.0000	3.99	_____
Tractors	acre	1.22	1.0000	1.22	_____
Harvesters	acre	2.03	1.0000	2.03	_____
INTEREST ON OP. CAP.	acre	6.47	1.0000	6.47	_____
TOTAL DIRECT EXPENSES				172.18	_____
FIXED EXPENSES					
Implements	acre	9.60	1.0000	9.60	_____
Tractors	acre	9.40	1.0000	9.40	_____
Harvesters	acre	9.70	1.0000	9.70	_____
TOTAL FIXED EXPENSES				28.70	_____
TOTAL SPECIFIED EXPENSES				200.88	_____

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

Fertilization decisions should be based on soil tests.

Table 21.B Summary of estimated costs and returns per acre
 Grain sorghum, 12-row 30", 100 bu yield goal
 All Areas, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Grain Sorghum	bu	3.32	100.0000	332.00	_____

TOTAL INCOME				332.00	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	5.00	1.0000	5.00	_____
FERTILIZERS	acre	56.53	1.0000	56.53	_____
HERBICIDES	acre	28.23	1.0000	28.23	_____
SEED/PLANTS	acre	8.40	1.0000	8.40	_____
HAULING	acre	20.00	1.0000	20.00	_____
CUSTOM LIME	acre	20.00	1.0000	20.00	_____
HAND LABOR	hour	7.31	0.1756	1.29	_____
OPERATOR LABOR	hour	10.21	0.4456	4.55	_____
UNALLOCATED LABOR	hour	10.22	0.4010	4.10	_____
DIESEL FUEL	gal	2.33	4.4510	10.37	_____
REPAIR & MAINTENANCE	acre	7.24	1.0000	7.24	_____
INTEREST ON OP. CAP.	acre	6.47	1.0000	6.47	_____

TOTAL DIRECT EXPENSES				172.18	_____
RETURNS ABOVE DIRECT EXPENSES				159.82	_____
TOTAL FIXED EXPENSES				28.70	_____

TOTAL SPECIFIED EXPENSES				200.88	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				131.12	_____

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 21.C Estimated resource use for field operations, per acre
 Grain sorghum, 12-row 30", 100 bu yield goal
 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-----										
Lime (Spread)	ton			0.25	Oct	0.5000				
Spin Spreader	5 ton	MFWD 170	0.042	1.00	Apr		0.04	0.04	0.08	0.03
DAP	cwt					0.7600				
Potash (60% K20)	cwt					0.5800				
Disk Harrow	24'	MFWD 170	0.081	1.00	Apr		0.08	0.08	0.08	0.07
Field Cultivate Fld	32'	MFWD 170	0.046	1.00	Apr		0.04	0.04	0.04	0.04
Fert Appl (Liquid)	12R-30	MFWD 170	0.078	1.00	May		0.07	0.07	0.11	0.07
UAN (32% N)	cwt					3.0690				
Custom Apply	acre			1.00	May	1.0000				
Bicep II Magnum	qt					3.0000				
Plant - Rigid	12R-20	MFWD 170	0.094	1.00	May		0.09	0.09	0.18	0.08
Sorghum Concept	lb					6.0000				
Header Wheat/Sorghum	25' Rigid	275hp	0.102	1.00	Sep		0.10	0.10	0.10	0.09
Haul Sorghum	bu					100.0000				
TOTALS							0.44	0.44	0.62	0.40

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 21.D Estimated costs for field operations, per acre
 Grain sorghum, 12-row 30", 100 bu yield goal
 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-----											
Lime (Spread)	ton	20.00						1.75	21.75		21.75
Spin Spreader	5 ton		0.86	0.41	1.13			0.11	2.51	1.80	4.31
DAP	cwt	12.16						0.53	12.69		12.69
Potash (60% K20)	cwt	7.54						0.33	7.87		7.87
Disk Harrow	24'		1.67	0.90	1.59			0.18	4.34	3.86	8.20
Field Cultivate Fld	32'		0.95	0.50	0.91			0.10	2.46	3.02	5.48
Fert Appl (Liquid)	12R-30		1.60	1.14	1.81			0.17	4.72	3.35	8.07
UAN (32% N)	cwt	36.83						1.34	38.17		38.17
Custom Apply	acre	5.00						0.18	5.18		5.18
Bicep II Magnum	qt	28.23						1.03	29.26		29.26
Plant - Rigid	12R-20		1.92	1.75	2.52			0.23	6.42	6.01	12.43
Sorghum Concept	lb	8.40						0.31	8.71		8.71
Header Wheat/Sorghum	25' Rigid		3.37	2.54	1.98			0.06	7.95	10.66	18.61
Haul Sorghum	bu	20.00						0.15	20.15		20.15
TOTALS		138.16	10.37	7.24	9.94	0.00	6.47	172.18	28.70	200.88	

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 21.E Estimated monthly income and expense flows per acre
 Grain sorghum, 12-row 30", 100 bu yield goal
 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	332.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00
FERTILIZERS	0.00	0.00	0.00	0.00	0.00	0.00	19.70	36.83	0.00	0.00	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.23	0.00	0.00	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.40	0.00	0.00	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	20.00
CUSTOM LIME	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LABOR	0.00	0.00	0.00	0.00	0.00	0.00	3.63	4.33	0.00	0.00	0.00	1.98
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	3.48	3.52	0.00	0.00	0.00	3.37
REPAIR & MAINTENANCE	0.00	0.00	0.00	0.00	0.00	0.00	1.81	2.89	0.00	0.00	0.00	2.54
INTEREST ON OP. CAP.	1.75	0.00	0.00	0.00	0.00	0.00	1.25	3.26	0.00	0.00	0.00	0.21
TOTAL DIRECT EXPENSES	21.75	0.00	0.00	0.00	0.00	0.00	29.87	92.46	0.00	0.00	0.00	28.10
NET INCOME	-21.75	0.00	0.00	0.00	0.00	0.00	-29.87	-92.46	0.00	0.00	0.00	303.90
NET INCOME TO DATE	-21.75	-21.75	-21.75	-21.75	-21.75	-21.75	-51.62	-144.08	-144.08	-144.08	-144.08	159.82

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

Fertilization decisions should be based on soil tests.

* Lease costs are based on hourly usage costs.

Table 21.F Estimated returns for various price/yield combinations, per acre
 Grain sorghum, 12-row 30", 100 bu yield goal
 All Areas, Mississippi, 2008

PRODUCT			-----PERCENT-----										
			75	80	85	90	95	100	105	110	115	120	125
Grain Sorghum			-----PRODUCT PRICE-----										
			2.49	2.65	2.82	2.98	3.15	3.32	3.48	3.65	3.81	3.98	4.15
PERCENT	YIELD	UNIT	-----dollars-----										
50	50.00	bu	-37	-29	-21	-12	-4	3	12	20	28	37	45
			-66	-58	-49	-41	-33	-24	-16	-8	0	8	16
60	60.00	bu	-14	-4	5	15	25	35	45	55	64	74	84
			-43	-33	-23	-13	-3	6	16	26	36	46	56
70	70.00	bu	8	19	31	43	54	66	77	89	101	112	124
			-20	-8	2	14	25	37	49	60	72	84	95
80	80.00	bu	31	44	57	70	84	97	110	124	137	150	163
			2	15	28	42	55	68	82	95	108	121	135
90	90.00	bu	53	68	83	98	113	128	143	158	173	188	203
			25	40	55	70	84	99	114	129	144	159	174
100	100.00	bu	76	93	110	126	143	159	176	193	209	226	242
			48	64	81	97	114	131	147	164	180	197	214
110	110.00	bu	99	117	136	154	172	191	209	227	245	264	282
			71	89	107	125	144	162	180	198	217	235	253
120	120.00	bu	122	142	162	182	202	222	242	262	281	301	321
			93	113	133	153	173	193	213	233	253	273	293
130	130.00	bu	145	167	188	210	231	253	274	296	318	339	361
			116	138	159	181	203	224	246	267	289	310	332
140	140.00	bu	168	191	214	238	261	284	307	331	354	377	400
			139	162	186	209	232	255	279	302	325	348	372
150	150.00	bu	191	216	241	265	290	315	340	365	390	415	440
			162	187	212	237	262	287	311	336	361	386	411

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 22.A Estimated costs per acre
 Wheat followed by soybeans, 70 bu yield goal
 All Areas, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	4.50	3.0000	13.50	_____
FERTILIZERS					
DAP	cwt	16.00	1.0000	16.00	_____
Potash (60% K2O)	cwt	13.00	0.7500	9.75	_____
Fert 41-0-0-4	cwt	21.25	2.8000	59.50	_____
FUNGICIDES					
Quilt	pt	15.06	0.8750	13.18	_____
HERBICIDES					
Osprey	oz	3.44	4.7500	16.34	_____
Harmony Extra XP	oz	14.83	0.6000	8.90	_____
SEED/PLANTS					
Wheat Seed Private	lb	0.27	90.0000	24.30	_____
ADJUVANTS					
Surfactant	pt	1.55	1.6000	2.48	_____
CUSTOM FERTILIZE					
App Fert by Air	cwt	5.00	2.8000	14.00	_____
HAULING					
Haul Wheat	bu	0.20	70.0000	14.00	_____
CUSTOM LIME					
Lime (Spread)	ton	40.00	0.5000	20.00	_____
OPERATOR LABOR					
Tractors	hour	10.21	0.2648	2.71	_____
Harvesters	hour	10.21	0.1021	1.04	_____
HAND LABOR					
Implements	hour	7.31	0.1363	1.00	_____
UNALLOCATED LABOR	hour	10.18	0.2936	2.99	_____
DIESEL FUEL					
Tractors	gal	2.33	2.3178	5.40	_____
Harvesters	gal	2.33	1.4457	3.37	_____
REPAIR & MAINTENANCE					
Implements	acre	2.85	1.0000	2.85	_____
Tractors	acre	0.94	1.0000	0.94	_____
Harvesters	acre	2.03	1.0000	2.03	_____
INTEREST ON OP. CAP.	acre	10.75	1.0000	10.75	_____
TOTAL DIRECT EXPENSES				245.04	_____
FIXED EXPENSES					
Implements	acre	7.73	1.0000	7.73	_____
Tractors	acre	7.25	1.0000	7.25	_____
Harvesters	acre	9.70	1.0000	9.70	_____
TOTAL FIXED EXPENSES				24.68	_____
TOTAL SPECIFIED EXPENSES				269.72	_____

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 22.B Summary of estimated costs and returns per acre
 Wheat followed by soybeans, 70 bu yield goal
 All Areas, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Wheat	bu	6.24	70.0000	436.80	_____

TOTAL INCOME				436.80	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	13.50	1.0000	13.50	_____
FERTILIZERS	acre	85.25	1.0000	85.25	_____
FUNGICIDES	acre	13.18	1.0000	13.18	_____
HERBICIDES	acre	25.24	1.0000	25.24	_____
SEED/PLANTS	acre	24.30	1.0000	24.30	_____
ADJUVANTS	acre	2.49	1.0000	2.49	_____
CUSTOM FERTILIZE	acre	14.00	1.0000	14.00	_____
HAULING	acre	14.00	1.0000	14.00	_____
CUSTOM LIME	acre	20.00	1.0000	20.00	_____
HAND LABOR	hour	7.31	0.1363	1.00	_____
OPERATOR LABOR	hour	10.21	0.3670	3.75	_____
UNALLOCATED LABOR	hour	10.18	0.2936	2.99	_____
DIESEL FUEL	gal	2.33	3.7635	8.77	_____
REPAIR & MAINTENANCE	acre	5.82	1.0000	5.82	_____
INTEREST ON OP. CAP.	acre	10.75	1.0000	10.75	_____

TOTAL DIRECT EXPENSES				245.04	_____
RETURNS ABOVE DIRECT EXPENSES				191.76	_____
TOTAL FIXED EXPENSES				24.68	_____

TOTAL SPECIFIED EXPENSES				269.72	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				167.08	_____

Note: Cost of production estimates are based on 2007 input prices
Fertilization decisions should be based on soil tests.

Table 22.C Estimated resource use for field operations, per acre
 Wheat followed by soybeans, 70 bu yield goal
 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-----				
Lime (Spread)	ton			0.25	Sep	0.5000				
Disk Harrow	24'	MFWD 170	0.081	1.00	Sep		0.08	0.08	0.08	0.06
Spin Spreader	5 ton	MFWD 170	0.042	1.00	Sep		0.04	0.04	0.08	0.03
DAP	cwt					1.0000				
Potash (60% K2O)	cwt					0.7500				
Field Cultivate Fld	32'	MFWD 170	0.046	1.00	Sep		0.04	0.04	0.04	0.03
Grain Drill	20'	MFWD 170	0.094	1.00	Oct		0.09	0.09	0.18	0.07
Wheat Seed Private	lb					90.0000				
App by Air (5 gal)	appl			1.00	Nov	1.0000				
Osprey	oz					4.7500				
Surfactant	pt					1.5000				
App Fert by Air	cwt			1.00	Feb	1.4000				
Fert 41-0-0-4	cwt					1.4000				
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Harmony Extra XP	oz					0.6000				
Surfactant	pt					0.1000				
App Fert by Air	cwt			1.00	Mar	1.4000				
Fert 41-0-0-4	cwt					1.4000				
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Quilt	pt					0.8750				
Header Wheat/Sorghum	25' Rigid	275hp	0.102	1.00	Jun		0.10	0.10	0.10	0.08
Haul Wheat	bu					70.0000				
TOTALS							0.36	0.36	0.50	0.29

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 22.D Estimated costs for field operations, per acre
 Wheat followed by soybeans, 70 bu yield goal
 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-----											
Lime (Spread)	ton	20.00						1.46	21.46		21.46
Disk Harrow	24'		1.67	0.90	1.51			0.30	4.38	3.86	8.24
Spin Spreader	5 ton		0.86	0.41	1.08			0.17	2.52	1.80	4.32
DAP	cwt	16.00						1.17	17.17		17.17
Potash (60% K20)	cwt	9.75						0.71	10.46		10.46
Field Cultivate Fld	32'		0.95	0.50	0.86			0.17	2.48	3.02	5.50
Grain Drill	20'		1.92	1.47	2.42			0.38	6.19	5.34	11.53
Wheat Seed Private	lb	24.30						1.59	25.89		25.89
App by Air (5 gal)	appl	4.50						0.26	4.76		4.76
Osprey	oz	16.34						0.95	17.29		17.29
Surfactant	pt	2.33						0.14	2.47		2.47
App Fert by Air	cwt	7.00						0.26	7.26		7.26
Fert 41-0-0-4	cwt	29.75						1.08	30.83		30.83
App by Air (5 gal)	appl	4.50						0.16	4.66		4.66
Harmony Extra XP	oz	8.90						0.32	9.22		9.22
Surfactant	pt	0.16						0.01	0.17		0.17
App Fert by Air	cwt	7.00						0.20	7.20		7.20
Fert 41-0-0-4	cwt	29.75						0.87	30.62		30.62
App by Air (5 gal)	appl	4.50						0.10	4.60		4.60
Quilt	pt	13.18						0.29	13.47		13.47
Header Wheat/Sorghum	25' Rigid		3.37	2.54	1.87			0.06	7.84	10.66	18.50
Haul Wheat	bu	14.00						0.10	14.10		14.10
TOTALS		211.96	8.77	5.82	7.74	0.00	10.75	245.04	24.68	269.72	

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 22.E Estimated monthly income and expense flows per acre
 Wheat followed by soybeans, 70 bu yield goal
 All Areas, Mississippi, 2008

ITEM	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
-----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	436.80
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	4.50	0.00	0.00	4.50	0.00	4.50	0.00	0.00
FERTILIZERS	0.00	0.00	25.75	0.00	0.00	0.00	0.00	29.75	29.75	0.00	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.18	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	16.34	0.00	0.00	8.90	0.00	0.00	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	24.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	2.33	0.00	0.00	0.16	0.00	0.00	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00	7.00	0.00	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	14.00
CUSTOM LIME	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LABOR	0.00	0.00	3.45	2.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.87
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	3.48	1.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.37
REPAIR & MAINTENANCE	0.00	0.00	1.81	1.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.54
INTEREST ON OP. CAP.	0.00	0.00	3.98	1.97	1.35	0.00	0.00	1.83	1.07	0.39	0.00	0.16
TOTAL DIRECT EXPENSES	0.00	0.00	58.47	32.08	24.52	0.00	0.00	52.14	37.82	18.07	0.00	21.94
NET INCOME	0.00	0.00	-58.47	-32.08	-24.52	0.00	0.00	-52.14	-37.82	-18.07	0.00	414.86
NET INCOME TO DATE	0.00	0.00	-58.47	-90.55	-115.07	-115.07	-115.07	-167.21	-205.03	-223.10	-223.10	191.76

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

Fertilization decisions should be based on soil tests.

* Lease costs are based on hourly usage costs.

Table 22.F Estimated returns for various price/yield combinations, per acre
Wheat followed by soybeans, 70 bu yield goal
All Areas, Mississippi, 2008

PRODUCT			PERCENT										
			75	80	85	90	95	100	105	110	115	120	125
			PRODUCT PRICE										
Wheat			4.68	4.99	5.30	5.61	5.92	6.24	6.55	6.86	7.17	7.48	7.80
PERCENT	YIELD	UNIT	dollars										
50	35.00	bu	-74	-63	-52	-41	-30	-19	-8	2	13	24	35
			-98	-87	-77	-66	-55	-44	-33	-22	-11	-0	10
60	42.00	bu	-42	-29	-16	-3	9	22	35	48	61	75	88
			-67	-54	-41	-28	-15	-2	11	24	37	50	63
70	49.00	bu	-11	3	19	34	49	64	80	95	110	126	141
			-36	-20	-5	9	24	40	55	70	86	101	116
80	56.00	bu	19	37	54	72	89	107	124	142	159	177	194
			-4	12	30	47	65	82	100	117	134	152	169
90	63.00	bu	51	70	90	110	129	149	169	188	208	228	247
			26	46	65	85	105	124	144	164	183	203	223
100	70.00	bu	82	104	126	148	169	191	213	235	257	279	300
			57	79	101	123	145	167	188	210	232	254	276
110	77.00	bu	113	137	161	185	210	234	258	282	306	330	354
			89	113	137	161	185	209	233	257	281	305	329
120	84.00	bu	145	171	197	223	250	276	302	328	354	381	407
			120	146	172	199	225	251	277	304	330	356	382
130	91.00	bu	176	205	233	261	290	318	346	375	403	432	460
			151	180	208	237	265	293	322	350	379	407	435
140	98.00	bu	207	238	269	299	330	360	391	421	452	483	513
			183	213	244	275	305	336	366	397	427	458	489
150	105.00	bu	239	272	304	337	370	403	435	468	501	534	566
			214	247	280	312	345	378	411	443	476	509	542

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 23.A Estimated costs per acre
 Contour levee rice
 Flood irrigated, 33 ac-in., Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	4.50	2.5000	11.25	_____
App by Air (3 gal)	appl	3.50	0.5000	1.75	_____
FERTILIZERS					
Amm Sulfate (21% N)	cwt	12.00	0.2500	3.00	_____
DAP	cwt	16.00	0.2500	4.00	_____
Urea, Solid (46% N)	cwt	17.00	4.0000	68.00	_____
FUNGICIDES					
Stratego	pt	18.52	0.5000	9.26	_____
HERBICIDES					
Command 3ME	pt	12.75	0.6650	8.48	_____
Facet 75DF	lb	50.75	0.4000	20.30	_____
Stam M4	qt	5.98	2.0000	11.96	_____
Permit 75 DF	oz	17.49	0.2500	4.37	_____
Clincher SF	oz	1.68	7.0000	11.76	_____
INSECTICIDES					
Karate Z	oz	3.10	2.0000	6.20	_____
SEED/PLANTS					
Rice Seed Conv.	lb	0.26	90.0000	23.40	_____
Rice Seed (Levees)	lb	0.26	15.0000	3.90	_____
ADJUVANTS					
Surfactant	pt	1.55	0.0500	0.08	_____
Crop Oil Conc.(Pet.)	pt	0.80	1.0000	0.80	_____
CUSTOM FERTILIZE					
App Fert by Air	cwt	5.00	2.0000	10.00	_____
HAULING					
Haul Rice	bu	0.22	148.0000	32.56	_____
DRYING					
Dry Rice	bu	0.40	148.0000	59.20	_____
SURVEY & MARK LEVEES					
Survey & Mark Levees	acre	4.00	1.0000	4.00	_____
OPERATOR LABOR					
Tractors	hour	10.21	0.5989	6.12	_____
Harvesters	hour	10.21	0.2538	2.59	_____
IRRIGATE LABOR					
Special Labor	hour	7.31	3.5250	25.76	_____
HAND LABOR					
Special Labor	hour	7.31	0.2500	1.83	_____
Implements	hour	7.31	0.1277	0.93	_____
RICE MGT. LABOR					
Special Labor	hour	7.31	1.5000	10.97	_____
UNALLOCATED LABOR					
	hour	10.22	0.6552	6.70	_____
DIESEL FUEL					
Tractors	gal	2.33	5.6409	13.12	_____
Harvesters	gal	2.33	3.5919	8.37	_____
Flood Irr.	gal	2.33	26.8827	62.63	_____
REPAIR & MAINTENANCE					
Implements	acre	5.16	1.0000	5.16	_____
Tractors	acre	2.14	1.0000	2.14	_____
Harvesters	acre	5.03	1.0000	5.03	_____
Flood Irr.	acre	8.74	1.0000	8.74	_____
INTEREST ON OP. CAP.	acre	13.17	1.0000	13.17	_____
TOTAL DIRECT EXPENSES				467.53	_____
FIXED EXPENSES					
Implements	acre	13.82	1.0000	13.82	_____
Tractors	acre	16.60	1.0000	16.60	_____
Harvesters	acre	24.11	1.0000	24.11	_____
Flood Irr.	acre	37.50	1.0000	37.50	_____
TOTAL FIXED EXPENSES				92.03	_____
TOTAL SPECIFIED EXPENSES				559.56	_____

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 23.B Summary of estimated costs and returns per acre
 Contour levee rice
 Flood irrigated, 33 ac-in., Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Rice	bu	5.20	148.0000	769.60	_____

TOTAL INCOME				769.60	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	13.00	1.0000	13.00	_____
FERTILIZERS	acre	75.00	1.0000	75.00	_____
FUNGICIDES	acre	9.26	1.0000	9.26	_____
HERBICIDES	acre	56.87	1.0000	56.87	_____
INSECTICIDES	acre	6.20	1.0000	6.20	_____
SEED/PLANTS	acre	27.30	1.0000	27.30	_____
ADJUVANTS	acre	0.88	1.0000	0.88	_____
CUSTOM FERTILIZE	acre	10.00	1.0000	10.00	_____
HAULING	acre	32.56	1.0000	32.56	_____
DRYING	acre	59.20	1.0000	59.20	_____
SURVEY & MARK LEVEES	acre	4.00	1.0000	4.00	_____
HAND LABOR	hour	7.31	0.3777	2.76	_____
IRRIGATE LABOR	hour	7.31	3.5250	25.76	_____
OPERATOR LABOR	hour	10.21	0.8528	8.71	_____
RICE MGT. LABOR	hour	7.31	1.5000	10.97	_____
UNALLOCATED LABOR	hour	10.22	0.6552	6.70	_____
DIESEL FUEL	gal	2.33	36.1156	84.12	_____
REPAIR & MAINTENANCE	acre	21.07	1.0000	21.07	_____
INTEREST ON OP. CAP.	acre	13.17	1.0000	13.17	_____

TOTAL DIRECT EXPENSES				467.53	_____
RETURNS ABOVE DIRECT EXPENSES				302.07	_____
TOTAL FIXED EXPENSES				92.03	_____

TOTAL SPECIFIED EXPENSES				559.56	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				210.04	_____

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

Fertilization decisions should be based on soil tests.

Table 32.C Estimated resource use for field operations, per acre
 Contour levee rice
 Flood irrigated, 33 ac-in., Delta Area, 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-----										
Harrow Fld	40'	MFWD 190	0.038	1.00	Oct		0.03	0.03	0.03	0.03
Field Cultivate Fld	32'	MFWD 190	0.046	1.00	Mar		0.04	0.04	0.04	0.04
Grain Drill	24'	MFWD 190	0.078	1.00	Apr		0.07	0.07	0.15	0.07
Rice Seed Conv.	lb					90.0000				
Roller	32'-12R30	MFWD 190	0.046	1.00	Apr		0.04	0.04	0.04	0.04
Spray (Broadcast)	60'	MFWD 190	0.028	0.50	Apr		0.01	0.01	0.02	0.01
Command 3ME	pt					0.6650				
Seed Levees				1.00	Apr					
Rice Seed (Levees)	lb					15.0000				
App by Air (5 gal)	appl			1.00	May	1.0000				
Facet 75DF	lb					0.4000				
App Fert by Air	cwt			0.50	May	0.5000				
Amm Sulfate (21% N)	cwt					0.2500				
DAP	cwt					0.2500				
App by Air (5 gal)	appl			0.50	May	0.5000				
Stam M4	qt					2.0000				
Permit 75 DF	oz					0.2500				
Karate Z	oz					1.0000				
Surfactant	pt					0.0500				
Spin Spreader	5 ton	MFWD 190	0.042	1.00	May		0.04	0.04	0.08	0.03
Urea, Solid (46% N)	cwt					2.5000				
Rice Management				1.00	May					
RICE MGT. LABOR	hour								0.30	
App by Air (5 gal)	appl			0.50	Jun	0.5000				
Clincher SF	oz					7.0000				
Crop Oil Conc.(Pet.)	pt					1.0000				
Rice Management				1.00	Jun					
RICE MGT. LABOR	hour								0.50	
App Fert by Air	cwt			1.00	Jun	1.5000				
Urea, Solid (46% N)	cwt					1.5000				
Rice Management				1.00	Jul					
RICE MGT. LABOR	hour								0.50	
App by Air (5 gal)	appl			0.50	Jul	0.5000				
Stratego	pt					0.5000				
App by Air (3 gal)	appl			0.50	Jul	0.5000				
Karate Z	oz					1.0000				
Rice Management				1.00	Aug					
RICE MGT. LABOR	hour								0.20	
Header - Rice (CL)	25' Rigid	275hp	0.253	1.00	Aug		0.25	0.25	0.25	0.22
Rice Grain Cart	700 Bu	MFWD 190	0.063	0.20	Aug		0.01	0.01	0.01	0.01
Handling & Storage				1.00	Aug					
HAND LABOR	hour								0.25	
Haul Rice	bu			1.00	Aug	148.0000				
Dry Rice	bu			1.00	Aug	148.0000				
Heavy Disk	21'	MFWD 190	0.097	2.00	Sep		0.19	0.19	0.19	0.17
Flood Irr.	acre				Jan	1.0000	0.12	0.12	3.64	
TOTALS							0.85	0.85	6.25	0.65

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 23.D Estimated costs for field operations, per acre
 Contour levee rice
 Flood irrigated, 33 ac-in., Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST	
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL			
-----dollars-----											
Harrow Fld	40'		0.88	0.28	0.76			0.17	2.09	1.39	3.48
Field Cultivate Fld	32'		1.06	0.50	0.91			0.13	2.60	3.09	5.69
Grain Drill	24'		1.79	1.38	2.09			0.23	5.49	4.91	10.40
Rice Seed Conv.	lb	23.40						1.02	24.42		24.42
Roller	32'-12R30		1.06	0.29	0.91			0.10	2.36	2.21	4.57
Spray (Broadcast)	60'		0.32	0.10	0.32			0.03	0.77	0.49	1.26
Command 3ME	pt	8.48						0.37	8.85		8.85
Seed Levees											
Rice Seed (Levees)	lb	3.90						0.17	4.07		4.07
App by Air (5 gal)	appl	4.50						0.16	4.66		4.66
Facet 75DF	lb	20.30						0.74	21.04		21.04
App Fert by Air	cwt	2.50						0.09	2.59		2.59
Amm Sulfate (21% N)	cwt	3.00						0.11	3.11		3.11
DAP	cwt	4.00						0.15	4.15		4.15
App by Air (5 gal)	appl	2.25						0.08	2.33		2.33
Stam M4	qt	11.96						0.44	12.40		12.40
Permit 75 DF	oz	4.37						0.16	4.53		4.53
Karate Z	oz	3.10						0.11	3.21		3.21
Surfactant	pt	0.08							0.08		0.08
Spin Spreader	5 ton		0.96	0.42	1.13			0.09	2.60	1.86	4.46
Urea, Solid (46% N)	cwt	42.50						1.55	44.05		44.05
Rice Management											
RICE MGT. LABOR	hour				2.19			0.08	2.27		2.27
App by Air (5 gal)	appl	2.25						0.07	2.32		2.32
Clincher SF	oz	11.76						0.34	12.10		12.10
Crop Oil Conc.(Pet.)	pt	0.80						0.02	0.82		0.82
Rice Management											
RICE MGT. LABOR	hour				3.66			0.11	3.77		3.77
App Fert by Air	cwt	7.50						0.22	7.72		7.72
Urea, Solid (46% N)	cwt	25.50						0.74	26.24		26.24
Rice Management											
RICE MGT. LABOR	hour				3.66			0.08	3.74		3.74
App by Air (5 gal)	appl	2.25						0.05	2.30		2.30
Stratego	pt	9.26						0.20	9.46		9.46
App by Air (3 gal)	appl	1.75						0.04	1.79		1.79
Karate Z	oz	3.10						0.07	3.17		3.17
Rice Management											
RICE MGT. LABOR	hour				1.46			0.02	1.48		1.48
Header - Rice (CL)	25' Rigid		8.37	6.64	4.92			0.29	20.22	27.13	47.35
Rice Grain Cart	700 Bu		0.29	0.12	0.25			0.01	0.67	0.54	1.21
Handling & Storage											
HAND LABOR	hour				1.83			0.03	1.86		1.86
Haul Rice	bu	32.56						0.47	33.03		33.03
Dry Rice	bu	59.20						0.86	60.06		60.06
Heavy Disk	21'		4.43	2.09	3.78			0.08	10.38	9.21	19.59
Flood Irr.	acre	4.00	64.96	9.25	27.03			3.49	108.73	41.20	149.93
TOTALS		294.27	84.12	21.07	54.90	0.00	13.17	467.53	92.03	559.56	

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 23.E Estimated monthly income and expense flows per acre
 Contour levee rice
 Flood irrigated, 33 ac-in., Delta Area, 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	769.60	0.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.75	2.25	4.00	0.00	0.00
FERTILIZERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.50	25.50	0.00	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.26	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	0.00	0.00	8.48	36.63	11.76	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.10	0.00	3.10	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	27.30	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.80	0.00	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.50	7.50	0.00	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	32.56	0.00
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.20	0.00
SURVEY & MARK LEVEES	0.00	0.00	0.00	0.00	0.00	0.00	4.00	0.00	0.00	0.00	0.00	0.00
LABOR	0.76	0.00	0.00	0.00	0.00	0.91	12.71	8.80	9.14	9.14	9.66	3.78
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	0.88	0.00	0.00	0.00	0.00	1.06	16.07	18.04	17.08	17.08	9.48	4.43
REPAIR & MAINTENANCE	0.28	0.00	0.00	0.00	0.00	0.50	2.96	5.75	1.28	1.28	6.93	2.09
INTEREST ON OP. CAP.	0.17	0.00	0.00	0.00	0.00	0.13	3.13	4.78	2.20	0.96	1.72	0.08
TOTAL DIRECT EXPENSES	2.09	0.00	0.00	0.00	0.00	2.60	74.65	135.93	77.51	44.82	119.55	10.38
NET INCOME	-2.09	0.00	0.00	0.00	0.00	-2.60	-74.65	-135.93	-77.51	-44.82	650.05	-10.38
NET INCOME TO DATE	-2.09	-2.09	-2.09	-2.09	-2.09	-4.69	-79.34	-215.27	-292.78	-337.60	312.45	302.07

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

Fertilization decisions should be based on soil tests.

* Lease costs are based on hourly usage costs

Table 23.F Estimated returns for various price/yield combinations, per acre
 Contour levee rice
 Flood irrigated, 33 ac-in., Delta Area, Mississippi, 2008

PRODUCT			-----PERCENT-----										
			75	80	85	90	95	100	105	110	115	120	125
			-----PRODUCT PRICE-----										
Rice			3.90	4.16	4.42	4.68	4.94	5.20	5.46	5.72	5.98	6.24	6.50
PERCENT	YIELD	UNIT	-----dollars-----										
50	74.00	bu	-132	-113	-93	-74	-55	-36	-16	2	21	40	60
			-224	-205	-185	-166	-147	-128	-108	-89	-70	-51	-32
60	88.80	bu	-83	-60	-37	-14	8	31	54	77	100	123	146
			-176	-152	-129	-106	-83	-60	-37	-14	8	31	54
70	103.60	bu	-35	-8	18	45	72	99	126	152	179	206	233
			-127	-100	-73	-46	-19	7	34	60	87	114	141
80	118.40	bu	12	43	74	105	135	166	197	228	259	289	320
			-79	-48	-17	13	43	74	105	136	167	197	228
90	133.20	bu	61	95	130	165	199	234	269	303	338	372	407
			-30	3	38	73	107	142	177	211	246	280	315
100	148.00	bu	109	148	186	225	263	302	340	379	417	455	494
			17	56	94	133	171	210	248	287	325	363	402
110	162.80	bu	158	200	242	285	327	369	412	454	496	539	581
			66	108	150	193	235	277	320	362	404	447	489
120	177.60	bu	206	252	298	345	391	437	483	529	575	622	668
			114	160	206	252	299	345	391	437	483	530	576
130	192.40	bu	254	304	354	404	454	505	555	605	655	705	755
			162	212	262	312	362	412	463	513	563	613	663
140	207.20	bu	303	357	411	464	518	572	626	680	734	788	842
			211	265	319	372	426	480	534	588	642	696	750
150	222.00	bu	351	409	467	524	582	640	698	755	813	871	928
			259	317	375	432	490	548	606	663	721	779	836

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 24.A Estimated costs per acre
 Straight levee rice
 Flood irrigated, 27 ac-in., Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	4.50	2.5000	11.25	_____
App by Air (3 gal)	appl	3.50	0.5000	1.75	_____
FERTILIZERS					
Amm Sulfate (21% N)	cwt	12.00	0.2500	3.00	_____
DAP	cwt	16.00	0.2500	4.00	_____
Urea, Solid (46% N)	cwt	17.00	4.0000	68.00	_____
FUNGICIDES					
Stratego	pt	18.52	0.5000	9.26	_____
HERBICIDES					
Command 3ME	pt	12.75	0.6650	8.48	_____
Facet 75DF	lb	50.75	0.4000	20.30	_____
Stam M4	qt	5.98	2.0000	11.96	_____
Permit 75 DF	oz	17.49	0.2500	4.37	_____
Clincher SF	oz	1.68	7.0000	11.76	_____
INSECTICIDES					
Karate Z	oz	3.10	2.0000	6.20	_____
SEED/PLANTS					
Rice Seed Conv.	lb	0.26	90.0000	23.40	_____
Rice Seed (Levees)	lb	0.26	15.0000	3.90	_____
ADJUVANTS					
Surfactant	pt	1.55	0.0500	0.08	_____
Crop Oil Conc.(Pet.)	pt	0.80	1.0000	0.80	_____
CUSTOM FERTILIZE					
App Fert by Air	cwt	5.00	2.0000	10.00	_____
HAULING					
Haul Rice	bu	0.22	156.0000	34.32	_____
DRYING					
Dry Rice	bu	0.40	156.0000	62.40	_____
SURVEY & MARK LEVEES					
Survey & Mark Levees	acre	4.00	0.5000	2.00	_____
OPERATOR LABOR					
Tractors	hour	10.21	0.5513	5.64	_____
Harvesters	hour	10.21	0.2200	2.25	_____
IRRIGATE LABOR					
Special Labor	hour	7.31	2.3750	17.39	_____
HAND LABOR					
Special Labor	hour	7.31	0.2500	1.83	_____
Implements	hour	7.31	0.1277	0.93	_____
RICE MGT. LABOR					
Special Labor	hour	7.31	0.7000	5.11	_____
UNALLOCATED LABOR					
	hour	10.22	0.6247	6.39	_____
DIESEL FUEL					
Tractors	gal	2.33	5.2456	12.21	_____
Harvesters	gal	2.33	3.1130	7.25	_____
Flood Irr.	gal	2.33	21.9949	51.26	_____
REPAIR & MAINTENANCE					
Implements	acre	4.90	1.0000	4.90	_____
Tractors	acre	1.99	1.0000	1.99	_____
Harvesters	acre	4.36	1.0000	4.36	_____
Flood Irr.	acre	8.75	1.0000	8.75	_____
INTEREST ON OP. CAP.	acre	12.26	1.0000	12.26	_____
TOTAL DIRECT EXPENSES				439.75	_____
FIXED EXPENSES					
Implements	acre	13.06	1.0000	13.06	_____
Tractors	acre	15.45	1.0000	15.45	_____
Harvesters	acre	20.89	1.0000	20.89	_____
Flood Irr.	acre	59.48	1.0000	59.48	_____
TOTAL FIXED EXPENSES				108.88	_____
TOTAL SPECIFIED EXPENSES				548.63	_____

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 24.B Summary of estimated costs and returns per acre
 Straight levee rice
 Flood irrigated, 27 ac-in., Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Rice	bu	5.20	156.0000	811.20	_____

TOTAL INCOME				811.20	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	13.00	1.0000	13.00	_____
FERTILIZERS	acre	75.00	1.0000	75.00	_____
FUNGICIDES	acre	9.26	1.0000	9.26	_____
HERBICIDES	acre	56.87	1.0000	56.87	_____
INSECTICIDES	acre	6.20	1.0000	6.20	_____
SEED/PLANTS	acre	27.30	1.0000	27.30	_____
ADJUVANTS	acre	0.88	1.0000	0.88	_____
CUSTOM FERTILIZE	acre	10.00	1.0000	10.00	_____
HAULING	acre	34.32	1.0000	34.32	_____
DRYING	acre	62.40	1.0000	62.40	_____
SURVEY & MARK LEVEES	acre	2.00	1.0000	2.00	_____
HAND LABOR	hour	7.31	0.3777	2.76	_____
IRRIGATE LABOR	hour	7.31	2.3750	17.39	_____
OPERATOR LABOR	hour	10.21	0.7713	7.89	_____
RICE MGT. LABOR	hour	7.31	0.7000	5.11	_____
UNALLOCATED LABOR	hour	10.22	0.6247	6.39	_____
DIESEL FUEL	gal	2.33	30.3536	70.72	_____
REPAIR & MAINTENANCE	acre	20.00	1.0000	20.00	_____
INTEREST ON OP. CAP.	acre	12.26	1.0000	12.26	_____

TOTAL DIRECT EXPENSES				439.75	_____
RETURNS ABOVE DIRECT EXPENSES				371.45	_____
TOTAL FIXED EXPENSES				108.88	_____

TOTAL SPECIFIED EXPENSES				548.63	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				262.57	_____

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 24.C Estimated resource use for field operations, per acre
 Straight levee rice
 Flood irrigated, 27 ac-in., Delta Area, 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-----										
Harrow Fld	40'	MFWD 190	0.038	1.00	Oct		0.03	0.03	0.03	0.03
Field Cultivate Fld	32'	MFWD 190	0.046	1.00	Mar		0.04	0.04	0.04	0.04
Grain Drill	24'	MFWD 190	0.078	1.00	Apr		0.07	0.07	0.15	0.07
Rice Seed Conv.	lb					90.0000				
Roller	32'-12R30	MFWD 190	0.046	1.00	Apr		0.04	0.04	0.04	0.04
Spray (Broadcast)	60'	MFWD 190	0.028	0.50	Apr		0.01	0.01	0.02	0.01
Command 3ME	pt					0.6650				
Seed Levees				1.00	Apr					
Rice Seed (Levees)	lb					15.0000				
App by Air (5 gal)	appl			1.00	May	1.0000				
Facet 75DF	lb					0.4000				
App Fert by Air	cwt			0.50	May	0.5000				
Amm Sulfate (21% N)	cwt					0.2500				
DAP	cwt					0.2500				
App by Air (5 gal)	appl			0.50	May	0.5000				
Stam M4	qt					2.0000				
Permit 75 DF	oz					0.2500				
Karate Z	oz					1.0000				
Surfactant	pt					0.0500				
Spin Spreader	5 ton	MFWD 190	0.042	1.00	May		0.04	0.04	0.08	0.03
Urea, Solid (46% N)	cwt					2.5000				
Rice Management				1.00	May					
RICE MGT. LABOR	hour								0.10	
App by Air (5 gal)	appl			0.50	Jun	0.5000				
Clincher SF	oz					7.0000				
Crop Oil Conc.(Pet.)	pt					1.0000				
Rice Management				1.00	Jun					
RICE MGT. LABOR	hour								0.20	
App Fert by Air	cwt			1.00	Jun	1.5000				
Urea, Solid (46% N)	cwt					1.5000				
Rice Management				1.00	Jul					
RICE MGT. LABOR	hour								0.20	
App by Air (5 gal)	appl			0.50	Jul	0.5000				
Stratego	pt					0.5000				
App by Air (3 gal)	appl			0.50	Jul	0.5000				
Karate Z	oz					1.0000				
Rice Management				1.00	Aug					
RICE MGT. LABOR	hour								0.20	
Header - Rice (SL)	25' Rigid	275hp	0.220	1.00	Aug		0.22	0.22	0.22	0.19
Rice Grain Cart	700 Bu	MFWD 190	0.063	0.20	Aug		0.01	0.01	0.01	0.01
Handling & Storage				1.00	Aug					
HAND LABOR	hour								0.25	
Haul Rice	bu			1.00	Aug	156.0000				
Dry Rice	bu			1.00	Aug	156.0000				
Heavy Disk	21'	MFWD 190	0.097	2.00	Sep		0.19	0.19	0.19	0.17
Flood Irr.	acre				Jan	1.0000	0.07	0.07	2.45	
TOTALS							0.77	0.77	4.22	0.62

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 24.D Estimated costs for field operations, per acre
 Straight levee rice
 Flood irrigated, 27 ac-in., Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST	
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL			
-----dollars-----											
Harrow Fld	40'		0.88	0.28	0.76			0.17	2.09	1.39	3.48
Field Cultivate Fld	32'		1.06	0.50	0.91			0.13	2.60	3.09	5.69
Grain Drill	24'		1.79	1.38	2.09			0.23	5.49	4.91	10.40
Rice Seed Conv.	lb	23.40						1.02	24.42		24.42
Roller	32'-12R30		1.06	0.29	0.91			0.10	2.36	2.21	4.57
Spray (Broadcast)	60'		0.32	0.10	0.32			0.03	0.77	0.49	1.26
Command 3ME	pt	8.48						0.37	8.85		8.85
Seed Levees											
Rice Seed (Levees)	lb	3.90						0.17	4.07		4.07
App by Air (5 gal)	appl	4.50						0.16	4.66		4.66
Facet 75DF	lb	20.30						0.74	21.04		21.04
App Fert by Air	cwt	2.50						0.09	2.59		2.59
Amm Sulfate (21% N)	cwt	3.00						0.11	3.11		3.11
DAP	cwt	4.00						0.15	4.15		4.15
App by Air (5 gal)	appl	2.25						0.08	2.33		2.33
Stam M4	qt	11.96						0.44	12.40		12.40
Permit 75 DF	oz	4.37						0.16	4.53		4.53
Karate Z	oz	3.10						0.11	3.21		3.21
Surfactant	pt	0.08							0.08		0.08
Spin Spreader	5 ton		0.96	0.42	1.13			0.09	2.60	1.86	4.46
Urea, Solid (46% N)	cwt	42.50						1.55	44.05		44.05
Rice Management											
RICE MGT. LABOR	hour				0.73			0.03	0.76		0.76
App by Air (5 gal)	appl	2.25						0.07	2.32		2.32
Clincher SF	oz	11.76						0.34	12.10		12.10
Crop Oil Conc.(Pet.)	pt	0.80						0.02	0.82		0.82
Rice Management											
RICE MGT. LABOR	hour				1.46			0.04	1.50		1.50
App Fert by Air	cwt	7.50						0.22	7.72		7.72
Urea, Solid (46% N)	cwt	25.50						0.74	26.24		26.24
Rice Management											
RICE MGT. LABOR	hour				1.46			0.03	1.49		1.49
App by Air (5 gal)	appl	2.25						0.05	2.30		2.30
Stratego	pt	9.26						0.20	9.46		9.46
App by Air (3 gal)	appl	1.75						0.04	1.79		1.79
Karate Z	oz	3.10						0.07	3.17		3.17
Rice Management											
RICE MGT. LABOR	hour				1.46			0.02	1.48		1.48
Header - Rice (SL)	25' Rigid		7.25	5.76	4.27			0.25	17.53	23.50	41.03
Rice Grain Cart	700 Bu		0.29	0.12	0.25			0.01	0.67	0.54	1.21
Handling & Storage											
HAND LABOR	hour				1.83			0.03	1.86		1.86
Haul Rice	bu	34.32						0.50	34.82		34.82
Dry Rice	bu	62.40						0.91	63.31		63.31
Heavy Disk	21'		4.43	2.09	3.78			0.08	10.38	9.21	19.59
Flood Irr.	acre	2.00	52.68	9.06	18.18			2.71	84.63	61.68	146.31
TOTALS		297.23	70.72	20.00	39.54	0.00	12.26	439.75	108.88	548.63	

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 24.E Estimated monthly income and expense flows per acre
 Straight levee rice
 Flood irrigated, 27 ac-in., Delta Area, 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	811.20	0.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.75	2.25	4.00	0.00	0.00
FERTILIZERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.50	25.50	0.00	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.26	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	0.00	0.00	8.48	36.63	11.76	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.10	0.00	3.10	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	27.30	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.80	0.00	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.50	7.50	0.00	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	34.32	0.00
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62.40	0.00
SURVEY & MARK LEVEES	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00
LABOR	0.76	0.00	0.00	0.00	0.00	0.91	9.53	5.52	5.12	5.12	8.80	3.78
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	0.88	0.00	0.00	0.00	0.00	1.06	15.53	14.25	13.29	13.29	7.99	4.43
REPAIR & MAINTENANCE	0.28	0.00	0.00	0.00	0.00	0.50	3.02	5.69	1.22	1.22	5.98	2.09
INTEREST ON OP. CAP.	0.17	0.00	0.00	0.00	0.00	0.13	2.87	4.52	1.96	0.79	1.74	0.08
TOTAL DIRECT EXPENSES	2.09	0.00	0.00	0.00	0.00	2.60	68.73	128.54	69.40	36.78	121.23	10.38
NET INCOME	-2.09	0.00	0.00	0.00	0.00	-2.60	-68.73	-128.54	-69.40	-36.78	689.97	-10.38
NET INCOME TO DATE	-2.09	-2.09	-2.09	-2.09	-2.09	-4.69	-73.42	-201.96	-271.36	-308.14	381.83	371.45

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

Fertilization decisions should be based on soil tests.

* Lease costs are based on hourly usage costs.

Table 24.F Estimated returns for various price/yield combinations, per acre
 Straight levee rice
 Flood irrigated, 27 ac-in., Delta Area, Mississippi, 2008

PRODUCT			-----PERCENT-----										
			75	80	85	90	95	100	105	110	115	120	125
			-----PRODUCT PRICE-----										
Rice			3.90	4.16	4.42	4.68	4.94	5.20	5.46	5.72	5.98	6.24	6.50
PERCENT	YIELD	UNIT	-----dollars-----										
50	78.00	bu	-86	-66	-45	-25	-5	14	35	55	75	96	116
			-195	-175	-154	-134	-114	-93	-73	-53	-33	-12	7
60	93.60	bu	-35	-11	13	37	61	86	110	134	159	183	207
			-144	-120	-95	-71	-46	-22	1	26	50	74	99
70	109.20	bu	15	43	72	100	129	157	185	214	242	271	299
			-93	-64	-36	-8	20	48	77	105	133	162	190
80	124.80	bu	66	99	131	163	196	228	261	293	326	358	391
			-42	-9	22	55	87	119	152	184	217	249	282
90	140.40	bu	117	154	190	227	263	300	336	373	409	446	482
			8	45	81	118	154	191	227	264	300	337	373
100	156.00	bu	168	209	249	290	330	371	412	452	493	533	574
			59	100	140	181	222	262	303	343	384	424	465
110	171.60	bu	219	264	308	353	398	442	487	531	576	621	665
			110	155	200	244	289	333	378	423	467	512	556
120	187.20	bu	270	319	368	416	465	514	562	611	660	708	757
			161	210	259	307	356	405	453	502	551	599	648
130	202.80	bu	321	374	427	479	532	585	638	690	743	796	849
			212	265	318	371	423	476	529	581	634	687	740
140	218.40	bu	372	429	486	543	599	656	713	770	827	883	940
			263	320	377	434	491	547	604	661	718	774	831
150	234.00	bu	423	484	545	606	667	727	788	849	910	971	1032
			314	375	436	497	558	619	679	740	801	862	923

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 25.A Estimated costs per acre
 Straight levee rice
 Multi inlet flood irrigated, 23 ac-in., Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	4.50	2.5000	11.25	_____
App by Air (3 gal)	appl	3.50	0.5000	1.75	_____
FERTILIZERS					
Amm Sulfate (21% N)	cwt	12.00	0.2500	3.00	_____
DAP	cwt	16.00	0.2500	4.00	_____
Amm Nitrate (34% N)	cwt	16.00	2.5000	40.00	_____
Urea, Solid (46% N)	cwt	17.00	1.5000	25.50	_____
FUNGICIDES					
Stratego	pt	18.52	0.5000	9.26	_____
HERBICIDES					
Command 3ME	pt	12.75	0.6650	8.48	_____
Facet 75DF	lb	50.75	0.4000	20.30	_____
Stam M4	qt	5.98	2.0000	11.96	_____
Permit 75 DF	oz	17.49	0.2500	4.37	_____
Clincher SF	oz	1.68	7.0000	11.76	_____
INSECTICIDES					
Karate Z	oz	3.10	2.0000	6.20	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.20	33.0000	6.60	_____
SEED/PLANTS					
Rice Seed Conv.	lb	0.26	90.0000	23.40	_____
Rice Seed (Levees)	lb	0.26	15.0000	3.90	_____
ADJUVANTS					
Surfactant	pt	1.55	0.0500	0.08	_____
Crop Oil Conc.(Pet.)	pt	0.80	1.0000	0.80	_____
CUSTOM FERTILIZE					
App Fert by Air	cwt	5.00	2.0000	10.00	_____
HAULING					
Haul Rice	bu	0.22	156.0000	34.32	_____
DRYING					
Dry Rice	bu	0.40	156.0000	62.40	_____
SURVEY & MARK LEVEES					
Survey & Mark Levees	acre	4.00	0.5000	2.00	_____
OPERATOR LABOR					
Tractors	hour	10.21	0.5794	5.93	_____
Harvesters	hour	10.21	0.2538	2.59	_____
IRRIGATE LABOR					
Special Labor	hour	7.31	1.1250	8.23	_____
Implements	hour	7.31	0.0375	0.27	_____
HAND LABOR					
Special Labor	hour	7.31	0.2500	1.83	_____
Implements	hour	7.31	0.1277	0.93	_____
RICE MGT. LABOR					
Special Labor	hour	7.31	0.7000	5.11	_____
UNALLOCATED LABOR					
	hour	10.22	0.6552	6.70	_____
DIESEL FUEL					
Tractors	gal	2.33	5.4338	12.65	_____
Harvesters	gal	2.33	3.5919	8.37	_____
Flood Irr.	gal	2.33	18.7364	43.66	_____
REPAIR & MAINTENANCE					
Implements	acre	5.16	1.0000	5.16	_____
Tractors	acre	2.06	1.0000	2.06	_____
Harvesters	acre	5.03	1.0000	5.03	_____
Flood Irr.	acre	8.54	1.0000	8.54	_____
INTEREST ON OP. CAP.	acre	11.98	1.0000	11.98	_____
TOTAL DIRECT EXPENSES				430.37	_____
FIXED EXPENSES					
Implements	acre	14.01	1.0000	14.01	_____
Tractors	acre	15.96	1.0000	15.96	_____
Harvesters	acre	24.11	1.0000	24.11	_____
Flood Irr.	acre	59.24	1.0000	59.24	_____
TOTAL FIXED EXPENSES				113.32	_____
TOTAL SPECIFIED EXPENSES				543.69	_____

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

Fertilization decisions should be based on soil tests.

Table 25.B Summary of estimated costs and returns per acre
 Straight levee rice
 Multi inlet flood irrigated, 23 ac-in., Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Rice	bu	5.20	156.0000	811.20	_____

TOTAL INCOME				811.20	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	13.00	1.0000	13.00	_____
FERTILIZERS	acre	72.50	1.0000	72.50	_____
FUNGICIDES	acre	9.26	1.0000	9.26	_____
HERBICIDES	acre	56.87	1.0000	56.87	_____
INSECTICIDES	acre	6.20	1.0000	6.20	_____
IRRIGATION SUPPLIES	acre	6.60	1.0000	6.60	_____
SEED/PLANTS	acre	27.30	1.0000	27.30	_____
ADJUVANTS	acre	0.88	1.0000	0.88	_____
CUSTOM FERTILIZE	acre	10.00	1.0000	10.00	_____
HAULING	acre	34.32	1.0000	34.32	_____
DRYING	acre	62.40	1.0000	62.40	_____
SURVEY & MARK LEVEES	acre	2.00	1.0000	2.00	_____
HAND LABOR	hour	7.31	0.3777	2.76	_____
IRRIGATE LABOR	hour	7.31	1.1625	8.50	_____
OPERATOR LABOR	hour	10.21	0.8333	8.52	_____
RICE MGT. LABOR	hour	7.31	0.7000	5.11	_____
UNALLOCATED LABOR	hour	10.22	0.6552	6.70	_____
DIESEL FUEL	gal	2.33	27.7623	64.68	_____
REPAIR & MAINTENANCE	acre	20.79	1.0000	20.79	_____
INTEREST ON OP. CAP.	acre	11.98	1.0000	11.98	_____

TOTAL DIRECT EXPENSES				430.37	_____
RETURNS ABOVE DIRECT EXPENSES				380.83	_____
TOTAL FIXED EXPENSES				113.32	_____

TOTAL SPECIFIED EXPENSES				543.69	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				267.51	_____

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 25.C Estimated resource use for field operations, per acre
 Straight levee rice
 Multi inlet flood irrigated, 23 ac-in., Delta Area, 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-----				
Harrow Fld	40'	MFWD 190	0.038	1.00	Oct		0.03	0.03	0.03	0.03
Field Cultivate Fld	32'	MFWD 190	0.046	1.00	Mar		0.04	0.04	0.04	0.04
Grain Drill	24'	MFWD 190	0.078	1.00	Apr		0.07	0.07	0.15	0.07
Rice Seed Conv.	lb					90.0000				
Roller	32'-12R30	MFWD 190	0.046	1.00	Apr		0.04	0.04	0.04	0.04
Spray (Broadcast)	60'	MFWD 190	0.028	0.50	Apr		0.01	0.01	0.02	0.01
Command 3ME	pt					0.6650				
Seed Levees				1.00	Apr					
Rice Seed (Levees)	lb					15.0000				
App by Air (5 gal)	appl			1.00	May	1.0000				
Facet 75DF	lb					0.4000				
App Fert by Air	cwt			0.50	May	0.5000				
Amm Sulfate (21% N)	cwt					0.2500				
DAP	cwt					0.2500				
App by Air (5 gal)	appl			0.50	May	0.5000				
Stam M4	qt					2.0000				
Permit 75 DF	oz					0.2500				
Karate Z	oz					1.0000				
Surfactant	pt					0.0500				
Spin Spreader	5 ton	MFWD 190	0.042	1.00	May		0.04	0.04	0.08	0.03
Amm Nitrate (34% N)	cwt					2.5000				
Rice Management				1.00	May					
RICE MGT. LABOR	hour								0.10	
App by Air (5 gal)	appl			0.50	Jun	0.5000				
Clincher SF	oz					7.0000				
Crop Oil Conc.(Pet.)	pt					1.0000				
Rice Management				1.00	Jun					
RICE MGT. LABOR	hour								0.20	
App Fert by Air	cwt			1.00	Jun	1.5000				
Urea, Solid (46% N)	cwt					1.5000				
Rice Management				1.00	Jul					
RICE MGT. LABOR	hour								0.20	
App by Air (5 gal)	appl			0.50	Jul	0.5000				
Stratego	pt					0.5000				
App by Air (3 gal)	appl			0.50	Jul	0.5000				
Karate Z	oz					1.0000				
Rice Management				1.00	Aug					
RICE MGT. LABOR	hour								0.20	
Header - Rice (CL)	25' Rigid	275hp	0.253	1.00	Aug		0.25	0.25	0.25	0.22
Rice Grain Cart	700 Bu	MFWD 190	0.063	0.20	Aug		0.01	0.01	0.01	0.01
Handling & Storage				1.00	Aug					
HAND LABOR	hour								0.25	
Haul Rice	bu			1.00	Aug	156.0000				
Dry Rice	bu			1.00	Aug	156.0000				
Heavy Disk	21'	MFWD 190	0.097	2.00	Sep		0.19	0.19	0.19	0.17
Flood Irr.	acre				Jan	1.0000	0.10	0.10	1.26	
TOTALS							0.83	0.83	3.07	0.65

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 25.D Estimated costs for field operations, per acre
 Straight levee rice
 Multi inlet flood irrigated, 23 ac-in., Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST	
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL			
-----dollars-----											
Harrow Fld	40'		0.88	0.28	0.76			0.17	2.09	1.39	3.48
Field Cultivate Fld	32'		1.06	0.50	0.91			0.13	2.60	3.09	5.69
Grain Drill	24'		1.79	1.38	2.09			0.23	5.49	4.91	10.40
Rice Seed Conv.	lb	23.40						1.02	24.42		24.42
Roller	32'-12R30		1.06	0.29	0.91			0.10	2.36	2.21	4.57
Spray (Broadcast)	60'		0.32	0.10	0.32			0.03	0.77	0.49	1.26
Command 3ME	pt	8.48						0.37	8.85		8.85
Seed Levees											
Rice Seed (Levees)	lb	3.90						0.17	4.07		4.07
App by Air (5 gal)	appl	4.50						0.16	4.66		4.66
Facet 75DF	lb	20.30						0.74	21.04		21.04
App Fert by Air	cwt	2.50						0.09	2.59		2.59
Amm Sulfate (21% N)	cwt	3.00						0.11	3.11		3.11
DAP	cwt	4.00						0.15	4.15		4.15
App by Air (5 gal)	appl	2.25						0.08	2.33		2.33
Stam M4	qt	11.96						0.44	12.40		12.40
Permit 75 DF	oz	4.37						0.16	4.53		4.53
Karate Z	oz	3.10						0.11	3.21		3.21
Surfactant	pt	0.08							0.08		0.08
Spin Spreader	5 ton		0.96	0.42	1.13			0.09	2.60	1.86	4.46
Amm Nitrate (34% N)	cwt	40.00						1.46	41.46		41.46
Rice Management											
RICE MGT. LABOR	hour				0.73			0.03	0.76		0.76
App by Air (5 gal)	appl	2.25						0.07	2.32		2.32
Clincher SF	oz	11.76						0.34	12.10		12.10
Crop Oil Conc.(Pet.)	pt	0.80						0.02	0.82		0.82
Rice Management											
RICE MGT. LABOR	hour				1.46			0.04	1.50		1.50
App Fert by Air	cwt	7.50						0.22	7.72		7.72
Urea, Solid (46% N)	cwt	25.50						0.74	26.24		26.24
Rice Management											
RICE MGT. LABOR	hour				1.46			0.03	1.49		1.49
App by Air (5 gal)	appl	2.25						0.05	2.30		2.30
Stratego	pt	9.26						0.20	9.46		9.46
App by Air (3 gal)	appl	1.75						0.04	1.79		1.79
Karate Z	oz	3.10						0.07	3.17		3.17
Rice Management											
RICE MGT. LABOR	hour				1.46			0.02	1.48		1.48
Header - Rice (CL)	25' Rigid		8.37	6.64	4.92			0.29	20.22	27.13	47.35
Rice Grain Cart	700 Bu		0.29	0.12	0.25			0.01	0.67	0.54	1.21
Handling & Storage											
HAND LABOR	hour				1.83			0.03	1.86		1.86
Haul Rice	bu	34.32						0.50	34.82		34.82
Dry Rice	bu	62.40						0.91	63.31		63.31
Heavy Disk	21'		4.43	2.09	3.78			0.08	10.38	9.21	19.59
Flood Irr.	acre	8.60	45.52	8.97	9.58			2.48	75.15	62.49	137.64
TOTALS		301.33	64.68	20.79	31.59	0.00	11.98	430.37	113.32	543.69	

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 25.E Estimated monthly income and expense flows per acre
 Straight levee rice
 Multi inlet flood irrigated, 23 ac-in., Delta Area, 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	811.20	0.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.75	2.25	4.00	0.00	0.00
FERTILIZERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47.00	25.50	0.00	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.26	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	0.00	0.00	8.48	36.63	11.76	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.10	0.00	3.10	0.00	0.00
IRRIGATION SUPPLIES	0.00	0.00	0.00	0.00	0.00	0.00	6.60	0.00	0.00	0.00	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	27.30	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.80	0.00	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.50	7.50	0.00	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	34.32	0.00
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62.40	0.00
SURVEY & MARK LEVEES	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00
LABOR	0.76	0.00	0.00	0.00	0.00	0.91	7.74	3.32	2.92	2.92	9.24	3.78
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	0.88	0.00	0.00	0.00	0.00	1.06	13.97	12.35	11.39	11.39	9.21	4.43
REPAIR & MAINTENANCE	0.28	0.00	0.00	0.00	0.00	0.50	3.05	5.64	1.17	1.17	6.89	2.09
INTEREST ON OP. CAP.	0.17	0.00	0.00	0.00	0.00	0.13	3.01	4.28	1.84	0.69	1.78	0.08
TOTAL DIRECT EXPENSES	2.09	0.00	0.00	0.00	0.00	2.60	72.15	121.65	65.13	32.53	123.84	10.38
NET INCOME	-2.09	0.00	0.00	0.00	0.00	-2.60	-72.15	-121.65	-65.13	-32.53	687.36	-10.38
NET INCOME TO DATE	-2.09	-2.09	-2.09	-2.09	-2.09	-4.69	-76.84	-198.49	-263.62	-296.15	391.21	380.83

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

Fertilization decisions should be based on soil tests.

* Lease costs are based on hourly usage costs

Table 25 .F Estimated returns for various price/yield combinations, per acre
 Straight levee rice
 Multi inlet flood irrigated, 23 ac-in., Delta Area, Mississippi, 2008

			-----PERCENT-----										
PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			-----PRODUCT PRICE-----										
Rice			3.90	4.16	4.42	4.68	4.94	5.20	5.46	5.72	5.98	6.24	6.50
PERCENT	YIELD	UNIT	-----dollars-----										
50	78.00	bu	-77	-56	-36	-16	4	24	44	64	85	105	125
			-190	-170	-149	-129	-109	-89	-68	-48	-28	-7	12
60	93.60	bu	-26	-1	22	46	71	95	119	144	168	192	217
			-139	-115	-90	-66	-42	-17	6	30	55	79	103
70	109.20	bu	24	53	81	110	138	166	195	223	252	280	308
			-88	-59	-31	-3	25	53	81	110	138	167	195
80	124.80	bu	75	108	140	173	205	238	270	303	335	368	400
			-37	-4	27	60	92	124	157	189	222	254	287
90	140.40	bu	127	163	200	236	273	309	346	382	419	455	492
			13	50	86	123	159	196	232	269	305	342	378
100	156.00	bu	178	218	259	299	340	380	421	461	502	543	583
			64	105	145	186	226	267	308	348	389	429	470
110	171.60	bu	229	273	318	362	407	452	496	541	585	630	675
			115	160	204	249	294	338	383	428	472	517	561
120	187.20	bu	280	328	377	426	474	523	572	620	669	718	766
			166	215	264	312	361	410	458	507	556	604	653
130	202.80	bu	331	383	436	489	542	594	647	700	752	805	858
			217	270	323	375	428	481	534	586	639	692	745
140	218.40	bu	382	438	495	552	609	666	722	779	836	893	949
			268	325	382	439	495	552	609	666	723	779	836
150	234.00	bu	433	494	554	615	676	737	798	859	919	980	1041
			319	380	441	502	563	624	684	745	806	867	928

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 26.A Estimated costs per acre
Clearfield straight levee rice
Flood irrigated, 27 ac-in., Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (10 gal)	appl	6.50	2.0000	13.00	_____
App by Air (5 gal)	appl	4.50	1.2500	5.63	_____
App by Air (3 gal)	appl	3.50	1.0000	3.50	_____
FERTILIZERS					
Amm Sulfate (21% N)	cwt	12.00	0.2500	3.00	_____
DAP	cwt	16.00	0.2500	4.00	_____
Urea, Solid (46% N)	cwt	17.00	4.0000	68.00	_____
FUNGICIDES					
Stratego	pt	18.52	1.0000	18.52	_____
HERBICIDES					
Command 3ME	pt	12.75	0.6650	8.48	_____
Newpath 2SL	oz	3.60	8.0000	28.80	_____
Aim 2EC	oz	5.82	1.0000	5.82	_____
Beyond	oz	4.10	1.2500	5.13	_____
INSECTICIDES					
Karate Z	oz	3.10	2.0000	6.20	_____
SEED/PLANTS					
Rice Clearfield 161	lb	0.50	80.0000	40.00	_____
Rice Seed CF(Levees)	lb	0.50	14.0000	7.00	_____
ADJUVANTS					
Crop Oil Conc.(Pet.)	pt	0.80	0.2000	0.16	_____
CUSTOM FERTILIZE					
App Fert by Air	cwt	5.00	2.5000	12.50	_____
HAULING					
Haul Rice	bu	0.22	148.0000	32.56	_____
DRYING					
Dry Rice	bu	0.40	148.0000	59.20	_____
SURVEY & MARK LEVEES					
Survey & Mark Levees	acre	4.00	0.5000	2.00	_____
OPERATOR LABOR					
Tractors	hour	10.21	0.5513	5.64	_____
Harvesters	hour	10.21	0.2538	2.59	_____
IRRIGATE LABOR					
Special Labor	hour	7.31	2.3750	17.39	_____
HAND LABOR					
Special Labor	hour	7.31	0.2500	1.83	_____
Implements	hour	7.31	0.1277	0.93	_____
RICE MGT. LABOR					
Special Labor	hour	7.31	0.7000	5.11	_____
UNALLOCATED LABOR					
	hour	10.22	0.6552	6.70	_____
DIESEL FUEL					
Tractors	gal	2.33	5.2456	12.21	_____
Harvesters	gal	2.33	3.5919	8.37	_____
Flood Irr.	gal	2.33	21.9949	51.26	_____
REPAIR & MAINTENANCE					
Implements	acre	5.11	1.0000	5.11	_____
Tractors	acre	1.99	1.0000	1.99	_____
Harvesters	acre	5.03	1.0000	5.03	_____
Flood Irr.	acre	8.75	1.0000	8.75	_____
INTEREST ON OP. CAP.	acre	13.39	1.0000	13.39	_____
TOTAL DIRECT EXPENSES				469.80	_____
FIXED EXPENSES					
Implements	acre	13.47	1.0000	13.47	_____
Tractors	acre	15.45	1.0000	15.45	_____
Harvesters	acre	24.11	1.0000	24.11	_____
Flood Irr.	acre	59.48	1.0000	59.48	_____
TOTAL FIXED EXPENSES				112.51	_____
TOTAL SPECIFIED EXPENSES				582.31	_____

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 26.B Summary of estimated costs and returns per acre
 Clearfield straight levee rice
 Flood irrigated, 27 ac-in., Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Rice	bu	5.20	148.0000	769.60	_____
TOTAL INCOME				769.60	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	22.13	1.0000	22.13	_____
FERTILIZERS	acre	75.00	1.0000	75.00	_____
FUNGICIDES	acre	18.52	1.0000	18.52	_____
HERBICIDES	acre	48.23	1.0000	48.23	_____
INSECTICIDES	acre	6.20	1.0000	6.20	_____
SEED/PLANTS	acre	47.00	1.0000	47.00	_____
ADJUVANTS	acre	0.16	1.0000	0.16	_____
CUSTOM FERTILIZE	acre	12.50	1.0000	12.50	_____
HAULING	acre	32.56	1.0000	32.56	_____
DRYING	acre	59.20	1.0000	59.20	_____
SURVEY & MARK LEVEES	acre	2.00	1.0000	2.00	_____
HAND LABOR	hour	7.31	0.3777	2.76	_____
IRRIGATE LABOR	hour	7.31	2.3750	17.39	_____
OPERATOR LABOR	hour	10.21	0.8051	8.23	_____
RICE MGT. LABOR	hour	7.31	0.7000	5.11	_____
UNALLOCATED LABOR	hour	10.22	0.6552	6.70	_____
DIESEL FUEL	gal	2.33	30.8326	71.84	_____
REPAIR & MAINTENANCE	acre	20.88	1.0000	20.88	_____
INTEREST ON OP. CAP.	acre	13.39	1.0000	13.39	_____
TOTAL DIRECT EXPENSES				469.80	_____
RETURNS ABOVE DIRECT EXPENSES				299.80	_____
TOTAL FIXED EXPENSES				112.51	_____
TOTAL SPECIFIED EXPENSES				582.31	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				187.29	_____

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

Fertilization decisions should be based on soil tests.

Table 26.C Estimated resource use for field operations, per acre
 Clearfield straight levee rice
 Flood irrigated, 27 ac-in., Delta Area, 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-----										
Harrow Fld	40'	MFWD 190	0.038	1.00	Oct		0.03	0.03	0.03	0.03
Field Cultivate Fld	32'	MFWD 190	0.046	1.00	Mar		0.04	0.04	0.04	0.04
Grain Drill	24'	MFWD 190	0.078	1.00	Apr		0.07	0.07	0.15	0.07
Rice Clearfield 161	lb					80.0000				
Roller	32'-12R30	MFWD 190	0.046	1.00	Apr		0.04	0.04	0.04	0.04
Spray (Broadcast)	60'	MFWD 190	0.028	0.50	Apr		0.01	0.01	0.02	0.01
Command 3ME	pt					0.6650				
Seed Levees				1.00	Apr					
Rice Seed CF(Levees)	lb					14.0000				
App by Air (10 gal)	appl			1.00	Apr	1.0000				
Newpath 2SL	oz					4.0000				
Crop Oil Conc.(Pet.)	pt					0.1000				
App Fert by Air	cwt			0.50	May	0.5000				
Amm Sulfate (21% N)	cwt					0.2500				
DAP	cwt					0.2500				
Spin Spreader	5 ton	MFWD 190	0.042	1.00	May		0.04	0.04	0.08	0.03
Urea, Solid (46% N)	cwt					2.5000				
App by Air (10 gal)	appl			1.00	May	1.0000				
Newpath 2SL	oz					4.0000				
Aim 2EC	oz					1.0000				
Crop Oil Conc.(Pet.)	pt					0.1000				
Rice Management				1.00	May					
RICE MGT. LABOR	hour								0.10	
App by Air (5 gal)	appl			0.25	Jun	0.2500				
Beyond	oz					1.2500				
Rice Management				1.00	Jun					
RICE MGT. LABOR	hour								0.20	
App by Air (3 gal)	appl			0.50	Jun	0.5000				
Karate Z	oz					1.0000				
App Fert by Air	cwt			1.00	Jun	1.0000				
Urea, Solid (46% N)	cwt					0.7500				
App Fert by Air	cwt			1.00	Jul	1.0000				
Urea, Solid (46% N)	cwt					0.7500				
Rice Management				1.00	Jul					
RICE MGT. LABOR	hour								0.20	
App by Air (5 gal)	appl			1.00	Jul	1.0000				
Stratego	pt					1.0000				
App by Air (3 gal)	appl			0.50	Jul	0.5000				
Karate Z	oz					1.0000				
Rice Management				1.00	Aug					
RICE MGT. LABOR	hour								0.20	
Header - Rice (CL)	25' Rigid	275hp	0.253	1.00	Aug		0.25	0.25	0.25	0.22
Rice Grain Cart	700 Bu	MFWD 190	0.063	0.20	Aug		0.01	0.01	0.01	0.01
Handling & Storage				1.00	Aug					
HAND LABOR	hour								0.25	
Haul Rice	bu			1.00	Aug	148.0000				
Dry Rice	bu			1.00	Aug	148.0000				
Heavy Disk	21'	MFWD 190	0.097	2.00	Sep		0.19	0.19	0.19	0.17
Flood Irr.	acre				Jan	1.0000	0.07	0.07	2.45	
TOTALS							0.80	0.80	4.25	0.65

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 26.D Estimated costs for field operations, per acre
 Clearfield straight levee rice
 Flood irrigated, 27 ac-in., Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST	
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL			
-----dollars-----											
Harrow Fld	40'		0.88	0.28	0.76			0.17	2.09	1.39	3.48
Field Cultivate Fld	32'		1.06	0.50	0.91			0.13	2.60	3.09	5.69
Grain Drill	24'		1.79	1.38	2.09			0.23	5.49	4.91	10.40
Rice Clearfield 161	lb	40.00						1.75	41.75		41.75
Roller	32'-12R30		1.06	0.29	0.91			0.10	2.36	2.21	4.57
Spray (Broadcast)	60'		0.32	0.10	0.32			0.03	0.77	0.49	1.26
Command 3ME	pt	8.48						0.37	8.85		8.85
Seed Levees											
Rice Seed CF(Levees)	lb	7.00						0.31	7.31		7.31
App by Air (10 gal)	appl	6.50						0.28	6.78		6.78
Newpath 2SL	oz	14.40						0.63	15.03		15.03
Crop Oil Conc.(Pet.)	pt	0.08							0.08		0.08
App Fert by Air	cwt	2.50						0.09	2.59		2.59
Amm Sulfate (21% N)	cwt	3.00						0.11	3.11		3.11
DAP	cwt	4.00						0.15	4.15		4.15
Spin Spreader	5 ton		0.96	0.42	1.13			0.09	2.60	1.86	4.46
Urea, Solid (46% N)	cwt	42.50						1.55	44.05		44.05
App by Air (10 gal)	appl	6.50						0.24	6.74		6.74
Newpath 2SL	oz	14.40						0.53	14.93		14.93
Aim 2EC	oz	5.82						0.21	6.03		6.03
Crop Oil Conc.(Pet.)	pt	0.08							0.08		0.08
Rice Management											
RICE MGT. LABOR	hour				0.73			0.03	0.76		0.76
App by Air (5 gal)	appl	1.13						0.03	1.16		1.16
Beyond	oz	5.13						0.15	5.28		5.28
Rice Management											
RICE MGT. LABOR	hour				1.46			0.04	1.50		1.50
App by Air (3 gal)	appl	1.75						0.05	1.80		1.80
Karate Z	oz	3.10						0.09	3.19		3.19
App Fert by Air	cwt	5.00						0.15	5.15		5.15
Urea, Solid (46% N)	cwt	12.75						0.37	13.12		13.12
App Fert by Air	cwt	5.00						0.11	5.11		5.11
Urea, Solid (46% N)	cwt	12.75						0.28	13.03		13.03
Rice Management											
RICE MGT. LABOR	hour				1.46			0.03	1.49		1.49
App by Air (5 gal)	appl	4.50						0.10	4.60		4.60
Stratego	pt	18.52						0.41	18.93		18.93
App by Air (3 gal)	appl	1.75						0.04	1.79		1.79
Karate Z	oz	3.10						0.07	3.17		3.17
Rice Management											
RICE MGT. LABOR	hour				1.46			0.02	1.48		1.48
Header - Rice (CL)	25' Rigid		8.37	6.64	4.92			0.29	20.22	27.13	47.35
Rice Grain Cart	700 Bu		0.29	0.12	0.25			0.01	0.67	0.54	1.21
Handling & Storage											
HAND LABOR	hour				1.83			0.03	1.86		1.86
Haul Rice	bu	32.56						0.47	33.03		33.03
Dry Rice	bu	59.20						0.86	60.06		60.06
Heavy Disk	21'		4.43	2.09	3.78			0.08	10.38	9.21	19.59
Flood Irr.	acre	2.00	52.68	9.06	18.18			2.71	84.63	61.68	146.31
TOTALS		323.50	71.84	20.88	40.19	0.00	13.39	469.80	112.51	582.31	

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

Fertilization decisions should be based on soil tests.

Table 26.E Estimated monthly income and expense flows per acre
 Clearfield straight levee rice
 Flood irrigated, 27 ac-in., Delta Area, 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	769.60	0.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	0.00	0.00	6.50	6.50	2.88	6.25	0.00	0.00
FERTILIZERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.50	12.75	12.75	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.52	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	0.00	0.00	22.88	20.22	5.13	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.10	3.10	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	47.00	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.50	5.00	5.00	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	32.56	0.00
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.20	0.00
SURVEY & MARK LEVEES	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00
LABOR	0.76	0.00	0.00	0.00	0.00	0.91	9.53	5.52	5.12	5.12	9.45	3.78
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	0.88	0.00	0.00	0.00	0.00	1.06	15.53	14.25	13.29	13.29	9.11	4.43
REPAIR & MAINTENANCE	0.28	0.00	0.00	0.00	0.00	0.50	3.02	5.69	1.22	1.22	6.86	2.09
INTEREST ON OP. CAP.	0.17	0.00	0.00	0.00	0.00	0.13	4.65	3.81	1.41	1.44	1.70	0.08
TOTAL DIRECT EXPENSES	2.09	0.00	0.00	0.00	0.00	2.60	111.19	108.07	49.90	66.69	118.88	10.38
NET INCOME	-2.09	0.00	0.00	0.00	0.00	-2.60	-111.19	-108.07	-49.90	-66.69	650.72	-10.38
NET INCOME TO DATE	-2.09	-2.09	-2.09	-2.09	-2.09	-4.69	-115.88	-223.95	-273.85	-340.54	310.18	299.80

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

Fertilization decisions should be based on soil tests.

* Lease costs are based on hourly usage costs.

Table 26.F Estimated returns for various price/yield combinations, per acre
Clearfield straight levee rice
Flood irrigated, 27 ac-in., Delta Area, Mississippi, 2008

			-----PERCENT-----										
PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			-----PRODUCT PRICE-----										
Rice			3.90	4.16	4.42	4.68	4.94	5.20	5.46	5.72	5.98	6.24	6.50
			-----dollars-----										
PERCENT	YIELD	UNIT											
50	74.00	bu	-134	-115	-96	-76	-57	-38	-19	0	19	38	57
			-247	-227	-208	-189	-170	-150	-131	-112	-93	-74	-54
60	88.80	bu	-86	-63	-40	-16	6	29	52	75	98	121	144
			-198	-175	-152	-129	-106	-83	-60	-37	-14	9	32
70	103.60	bu	-37	-10	16	42	69	96	123	150	177	204	231
			-150	-123	-96	-69	-42	-15	11	38	65	92	119
80	118.40	bu	10	41	72	102	133	164	195	226	256	287	318
			-101	-71	-40	-9	21	51	82	113	144	175	205
90	133.20	bu	58	93	128	162	197	232	266	301	336	370	405
			-53	-18	15	50	85	119	154	188	223	258	292
100	148.00	bu	107	145	184	222	261	299	338	376	415	453	492
			-5	33	71	110	148	187	225	264	302	341	379
110	162.80	bu	155	198	240	282	325	367	409	452	494	536	579
			43	85	127	170	212	254	297	339	381	424	466
120	177.60	bu	204	250	296	342	388	435	481	527	573	619	665
			91	137	184	230	276	322	368	414	461	507	553
130	192.40	bu	252	302	352	402	452	502	552	602	652	702	752
			140	190	240	290	340	390	440	490	540	590	640
140	207.20	bu	301	354	408	462	516	570	624	678	732	785	839
			188	242	296	350	404	457	511	565	619	673	727
150	222.00	bu	349	407	464	522	580	638	695	753	811	868	926
			236	294	352	410	467	525	583	640	698	756	814

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 27.A Estimated costs per acre
 Straight levee rice - zero grade
 Flood irrigated, 19 ac-in., Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	4.50	2.5000	11.25	_____
App by Air (3 gal)	appl	3.50	0.5000	1.75	_____
FERTILIZERS					
Amm Sulfate (21% N)	cwt	12.00	0.2500	3.00	_____
DAP	cwt	16.00	0.2500	4.00	_____
Urea, Solid (46% N)	cwt	17.00	4.0000	68.00	_____
FUNGICIDES					
Stratego	pt	18.52	0.5000	9.26	_____
HERBICIDES					
Command 3ME	pt	12.75	0.6650	8.48	_____
Facet 75DF	lb	50.75	0.4000	20.30	_____
Stam M4	qt	5.98	2.0000	11.96	_____
Permit 75 DF	oz	17.49	0.2500	4.37	_____
Clincher SF	oz	1.68	7.0000	11.76	_____
INSECTICIDES					
Karate Z	oz	3.10	2.0000	6.20	_____
SEED/PLANTS					
Rice Seed Conv.	lb	0.26	90.0000	23.40	_____
ADJUVANTS					
Surfactant	pt	1.55	0.0500	0.08	_____
Crop Oil Conc.(Pet.)	pt	0.80	1.0000	0.80	_____
CUSTOM FERTILIZE					
App Fert by Air	cwt	5.00	2.0000	10.00	_____
HAULING					
Haul Rice	bu	0.22	164.0000	36.08	_____
DRYING					
Dry Rice	bu	0.40	164.0000	65.60	_____
OPERATOR LABOR					
Tractors	hour	10.21	0.4741	4.85	_____
Harvesters	hour	10.21	0.2200	2.25	_____
IRRIGATE LABOR					
Special Labor	hour	7.31	1.0500	7.69	_____
HAND LABOR					
Special Labor	hour	7.31	0.2500	1.83	_____
Implements	hour	7.31	0.1277	0.93	_____
RICE MGT. LABOR					
Special Labor	hour	7.31	0.7000	5.11	_____
UNALLOCATED LABOR	hour	10.22	0.6247	6.39	_____
DIESEL FUEL					
Tractors	gal	2.33	4.6375	10.79	_____
Harvesters	gal	2.33	3.1130	7.25	_____
Flood Irr.	gal	2.33	15.4779	36.06	_____
REPAIR & MAINTENANCE					
Implements	acre	4.82	1.0000	4.82	_____
Tractors	acre	1.76	1.0000	1.76	_____
Harvesters	acre	4.36	1.0000	4.36	_____
Flood Irr.	acre	7.35	1.0000	7.35	_____
INTEREST ON OP. CAP.	acre	11.14	1.0000	11.14	_____
TOTAL DIRECT EXPENSES				408.87	_____
FIXED EXPENSES					
Implements	acre	12.62	1.0000	12.62	_____
Tractors	acre	13.69	1.0000	13.69	_____
Harvesters	acre	20.89	1.0000	20.89	_____
Flood Irr.	acre	59.01	1.0000	59.01	_____
TOTAL FIXED EXPENSES				106.21	_____
TOTAL SPECIFIED EXPENSES				515.08	_____

Note: Cost of production estimates are based on 2007 input prices
Fertilization decisions should be based on soil tests.

Table 27.B Summary of estimated costs and returns per acre
 Straight levee rice - zero grade
 Flood irrigated, 19 ac-in., Delta Area, Mississippi, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Rice	bu	5.20	164.0000	852.80	_____

TOTAL INCOME				852.80	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	13.00	1.0000	13.00	_____
FERTILIZERS	acre	75.00	1.0000	75.00	_____
FUNGICIDES	acre	9.26	1.0000	9.26	_____
HERBICIDES	acre	56.87	1.0000	56.87	_____
INSECTICIDES	acre	6.20	1.0000	6.20	_____
SEED/PLANTS	acre	23.40	1.0000	23.40	_____
ADJUVANTS	acre	0.88	1.0000	0.88	_____
CUSTOM FERTILIZE	acre	10.00	1.0000	10.00	_____
HAULING	acre	36.08	1.0000	36.08	_____
DRYING	acre	65.60	1.0000	65.60	_____
HAND LABOR	hour	7.31	0.3777	2.76	_____
IRRIGATE LABOR	hour	7.31	1.0500	7.69	_____
OPERATOR LABOR	hour	10.21	0.6941	7.10	_____
RICE MGT. LABOR	hour	7.31	0.7000	5.11	_____
UNALLOCATED LABOR	hour	10.22	0.6247	6.39	_____
DIESEL FUEL	gal	2.33	23.2285	54.10	_____
REPAIR & MAINTENANCE	acre	18.29	1.0000	18.29	_____
INTEREST ON OP. CAP.	acre	11.14	1.0000	11.14	_____

TOTAL DIRECT EXPENSES				408.87	_____
RETURNS ABOVE DIRECT EXPENSES				443.93	_____
TOTAL FIXED EXPENSES				106.21	_____

TOTAL SPECIFIED EXPENSES				515.08	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				337.72	_____

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 27.C Estimated resource use for field operations, per acre
 Straight levee rice - zero grade
 Flood irrigated, 19 ac-in., Delta Area, 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-----										
Harrow Fld	40'	MFWD 190	0.038	1.00	Oct		0.03	0.03	0.03	0.03
Field Cultivate Fld	32'	MFWD 190	0.046	1.00	Mar		0.04	0.04	0.04	0.04
Grain Drill	24'	MFWD 190	0.078	1.00	Apr		0.07	0.07	0.15	0.07
Rice Seed Conv.	lb					90.0000				
Roller	32'-12R30	MFWD 190	0.046	1.00	Apr		0.04	0.04	0.04	0.04
Spray (Broadcast)	60'	MFWD 190	0.028	0.50	Apr		0.01	0.01	0.02	0.01
Command 3ME	pt					0.6650				
App by Air (5 gal)	appl			1.00	May	1.0000				
Facet 75DF	lb					0.4000				
App Fert by Air	cwt			0.50	May	0.5000				
Amm Sulfate (21% N)	cwt					0.2500				
DAP	cwt					0.2500				
App by Air (5 gal)	appl			0.50	May	0.5000				
Stam M4	qt					2.0000				
Permit 75 DF	oz					0.2500				
Karate Z	oz					1.0000				
Surfactant	pt					0.0500				
Spin Spreader	5 ton	MFWD 190	0.042	1.00	May		0.04	0.04	0.08	0.03
Urea, Solid (46% N)	cwt					2.5000				
Rice Management				1.00	May					
RICE MGT. LABOR	hour								0.10	
App by Air (5 gal)	appl			0.50	Jun	0.5000				
Clincher SF	oz					7.0000				
Crop Oil Conc.(Pet.)	pt					1.0000				
Rice Management				1.00	Jun					
RICE MGT. LABOR	hour								0.20	
App Fert by Air	cwt			1.00	Jun	1.5000				
Urea, Solid (46% N)	cwt					1.5000				
Rice Management				1.00	Jul					
RICE MGT. LABOR	hour								0.20	
App by Air (5 gal)	appl			0.50	Jul	0.5000				
Stratego	pt					0.5000				
App by Air (3 gal)	appl			0.50	Jul	0.5000				
Karate Z	oz					1.0000				
Rice Management				1.00	Aug					
RICE MGT. LABOR	hour								0.20	
Header - Rice (SL)	25' Rigid	275hp	0.220	1.00	Aug		0.22	0.22	0.22	0.19
Rice Grain Cart	700 Bu	MFWD 190	0.063	0.20	Aug		0.01	0.01	0.01	0.01
Handling & Storage				1.00	Aug					
HAND LABOR	hour								0.25	
Haul Rice	bu			1.00	Aug	164.0000				
Dry Rice	bu			1.00	Aug	164.0000				
Heavy Disk	21'	MFWD 190	0.097	2.00	Sep		0.19	0.19	0.19	0.17
Flood Irr.	acre				Jan	1.0000			1.05	
TOTALS							0.69	0.69	2.82	0.62

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 27.D Estimated costs for field operations, per acre
 Straight levee rice- zero grade
 Flood irrigated, 19 ac-in., Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST	
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL			
-----dollars-----											
Harrow Fld	40'		0.88	0.28	0.76			0.17	2.09	1.39	3.48
Field Cultivate Fld	32'		1.06	0.50	0.91			0.13	2.60	3.09	5.69
Grain Drill	24'		1.79	1.38	2.09			0.23	5.49	4.91	10.40
Rice Seed Conv.	lb	23.40						1.02	24.42		24.42
Roller	32'-12R30		1.06	0.29	0.91			0.10	2.36	2.21	4.57
Spray (Broadcast)	60'		0.32	0.10	0.32			0.03	0.77	0.49	1.26
Command 3ME	pt	8.48						0.37	8.85		8.85
App by Air (5 gal)	appl	4.50						0.16	4.66		4.66
Facet 75DF	lb	20.30						0.74	21.04		21.04
App Fert by Air	cwt	2.50						0.09	2.59		2.59
Amm Sulfate (21% N)	cwt	3.00						0.11	3.11		3.11
DAP	cwt	4.00						0.15	4.15		4.15
App by Air (5 gal)	appl	2.25						0.08	2.33		2.33
Stam M4	qt	11.96						0.44	12.40		12.40
Permit 75 DF	oz	4.37						0.16	4.53		4.53
Karate Z	oz	3.10						0.11	3.21		3.21
Surfactant	pt	0.08							0.08		0.08
Spin Spreader	5 ton		0.96	0.42	1.13			0.09	2.60	1.86	4.46
Urea, Solid (46% N)	cwt	42.50						1.55	44.05		44.05
Rice Management											
RICE MGT. LABOR	hour				0.73			0.03	0.76		0.76
App by Air (5 gal)	appl	2.25						0.07	2.32		2.32
Clincher SF	oz	11.76						0.34	12.10		12.10
Crop Oil Conc.(Pet.)	pt	0.80						0.02	0.82		0.82
Rice Management											
RICE MGT. LABOR	hour				1.46			0.04	1.50		1.50
App Fert by Air	cwt	7.50						0.22	7.72		7.72
Urea, Solid (46% N)	cwt	25.50						0.74	26.24		26.24
Rice Management											
RICE MGT. LABOR	hour				1.46			0.03	1.49		1.49
App by Air (5 gal)	appl	2.25						0.05	2.30		2.30
Stratego	pt	9.26						0.20	9.46		9.46
App by Air (3 gal)	appl	1.75						0.04	1.79		1.79
Karate Z	oz	3.10						0.07	3.17		3.17
Rice Management											
RICE MGT. LABOR	hour				1.46			0.02	1.48		1.48
Header - Rice (SL)	25' Rigid		7.25	5.76	4.27			0.25	17.53	23.50	41.03
Rice Grain Cart	700 Bu		0.29	0.12	0.25			0.01	0.67	0.54	1.21
Handling & Storage											
HAND LABOR	hour				1.83			0.03	1.86		1.86
Haul Rice	bu	36.08						0.53	36.61		36.61
Dry Rice	bu	65.60						0.96	66.56		66.56
Heavy Disk	21'		4.43	2.09	3.78			0.08	10.38	9.21	19.59
Flood Irr.	acre		36.06	7.35	7.69			1.68	52.78	59.01	111.79
TOTALS		296.29	54.10	18.29	29.05	0.00	11.14	408.87	106.21	515.08	

Note: Cost of production estimates are based on 2007 input prices.
Fertilization decisions should be based on soil tests.

Table 27.E Estimated monthly income and expense flows per acre
 Straight levee rice - zero grade
 Flood irrigated, 19 ac-in., Delta Area, 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	852.80	0.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.75	2.25	4.00	0.00	0.00
FERTILIZERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.50	25.50	0.00	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.26	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	0.00	0.00	8.48	36.63	11.76	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.10	0.00	3.10	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	23.40	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.80	0.00	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.50	7.50	0.00	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	36.08	0.00
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.60	0.00
LABOR	0.76	0.00	0.00	0.00	0.00	0.91	5.52	3.69	3.29	3.29	7.81	3.78
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	0.88	0.00	0.00	0.00	0.00	1.06	10.76	10.45	9.49	9.49	7.54	4.43
REPAIR & MAINTENANCE	0.28	0.00	0.00	0.00	0.00	0.50	2.46	5.34	0.87	0.87	5.88	2.09
INTEREST ON OP. CAP.	0.17	0.00	0.00	0.00	0.00	0.13	2.21	4.31	1.78	0.66	1.80	0.08
TOTAL DIRECT EXPENSES	2.09	0.00	0.00	0.00	0.00	2.60	52.83	122.35	63.24	30.67	124.71	10.38
NET INCOME	-2.09	0.00	0.00	0.00	0.00	-2.60	-52.83	-122.35	-63.24	-30.67	728.09	-10.38
NET INCOME TO DATE	-2.09	-2.09	-2.09	-2.09	-2.09	-4.69	-57.52	-179.87	-243.11	-273.78	454.31	443.93

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

Fertilization decisions should be based on soil tests.

* Lease costs are based on hourly usage costs.

Table 27 .F Estimated returns for various price/yield combinations, per acre
 Straight levee rice - zero grade
 Flood irrigated, 19 ac-in., Delta Area, Mississippi, 2008

PRODUCT			PERCENT										
			75	80	85	90	95	100	105	110	115	120	125
			PRODUCT PRICE										
Rice			3.90	4.16	4.42	4.68	4.94	5.20	5.46	5.72	5.98	6.24	6.50
PERCENT	YIELD	UNIT	dollars										
50	82.00	bu	-37	-16	5	26	47	69	90	111	133	154	175
			-143	-122	-101	-79	-58	-37	-15	5	26	48	69
60	98.40	bu	16	41	67	92	118	144	169	195	220	246	271
			-90	-64	-38	-13	12	37	63	89	114	140	165
70	114.80	bu	69	99	129	159	189	219	248	278	308	338	368
			-36	-6	23	53	82	112	142	172	202	232	262
80	131.20	bu	123	157	191	225	259	294	328	362	396	430	464
			17	51	85	119	153	187	221	256	290	324	358
90	147.60	bu	177	215	253	292	330	368	407	445	484	522	560
			70	109	147	186	224	262	301	339	377	416	454
100	164.00	bu	230	273	316	358	401	443	486	529	571	614	657
			124	167	209	252	295	337	380	423	465	508	550
110	180.40	bu	284	331	378	425	471	518	565	612	659	706	753
			178	225	271	318	365	412	459	506	553	600	647
120	196.80	bu	338	389	440	491	542	593	645	696	747	798	849
			231	282	334	385	436	487	538	589	641	692	743
130	213.20	bu	391	447	502	557	613	668	724	779	835	890	945
			285	340	396	451	507	562	618	673	728	784	839
140	229.60	bu	445	504	564	624	684	743	803	863	922	982	1042
			339	398	458	518	577	637	697	756	816	876	936
150	246.00	bu	498	562	626	690	754	818	882	946	1010	1074	1138
			392	456	520	584	648	712	776	840	904	968	1032

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 28.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 28.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 28.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 28.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 28.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 28.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 29.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 29.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 29.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 29.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 29.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

Table 29.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	YIELD	UNIT	dollars										
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 30.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 30.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 30.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 30.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 30.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 30.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	YIELD	UNIT	dollars										
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	4R-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

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---		Total Direct	--Fixed--		Total Cost
									Imp.	P.U.		Imp.	P.U.	
			dollars	hours	years	hr/ac	-----\$/acre-----							
Bedder/Roller-Fold.	21'	MFWD 190	14,653	160	10	0.089	0.91	2.03	0.32	0.33	3.60	1.08	2.57	7.26
Bedder/Roller-Fold.	26'	MFWD 190	18,872	160	10	0.072	0.73	1.64	0.34	0.26	2.98	1.12	2.08	6.19
Bedder/Roller-Fold.	30'	MFWD 190	23,812	160	10	0.062	0.63	1.42	0.37	0.23	2.66	1.22	1.80	5.69
Bedder/Roller-Fold.	40'	MFWD 225	26,539	160	10	0.046	0.47	1.26	0.31	0.20	2.26	1.02	1.59	4.88
Bedder/Roller-Rigid	21'	MFWD 190	13,769	160	10	0.089	0.91	2.03	0.30	0.33	3.58	1.01	2.57	7.17
Bedder/Roller-Rigid	26'	MFWD 190	15,182	160	10	0.072	0.73	1.64	0.27	0.26	2.92	0.90	2.08	5.90
Bedder/Roller-Rigid	30'	MFWD 190	16,623	160	10	0.062	0.63	1.42	0.25	0.23	2.55	0.85	1.80	5.21
Bedder/Roller-Rigid	40'	MFWD 225	21,676	160	10	0.046	0.47	1.26	0.25	0.20	2.20	0.83	1.59	4.64
Blade-Box	6'-7'	2WD 130	1,236	200	20	0.020	0.20	0.31	0.01	0.04	0.57	0.01	0.36	0.95
Boll Buggy-1st pick	2R-38(157)	MFWD 190	25,891	200	10	0.519	5.30	11.84	3.36	1.93	22.44	8.66	14.98	46.10
Boll Buggy-1st pick	4R-30(255)	MFWD 190	25,891	200	10	0.327	3.34	7.45	2.11	1.22	14.14	5.45	9.44	29.04
Boll Buggy-1st pick	4R-30(325)	MFWD 190	25,891	200	10	0.327	3.34	7.45	2.11	1.22	14.14	5.45	9.44	29.04
Boll Buggy-1st Pick	4R-30(255)	MFWD 190	25,891	200	10	0.327	3.34	7.45	2.11	1.22	14.14	5.45	9.44	29.04
Boll Buggy-1st pick	4R-38(255)	MFWD 190	25,891	200	10	0.257	2.63	5.87	1.66	0.96	11.13	4.29	7.43	22.86
Boll Buggy-1st pick	4R-38(325)	MFWD 190	25,891	200	10	0.257	2.63	5.87	1.66	0.96	11.13	4.29	7.43	22.86
Boll Buggy-1st pick	4R2x1(255)	MFWD 190	25,891	200	10	0.172	1.75	3.92	1.11	0.64	7.44	2.87	4.96	15.28
Boll Buggy-1st pick	5R-30(255)	MFWD 190	25,891	200	10	0.261	2.67	5.96	1.69	0.97	11.31	4.36	7.55	23.23
Boll Buggy-1st pick	5R-38(255)	MFWD 190	25,891	200	10	0.207	2.11	4.72	1.34	0.77	8.95	3.45	5.97	18.38
Boll Buggy-1st pick	5R-30(325)	MFWD 190	25,891	200	10	0.218	2.22	4.97	1.41	0.81	9.42	3.63	6.29	19.36
Boll Buggy-1st pick	6R-38(325)	MFWD 190	25,891	200	10	0.172	1.75	3.92	1.11	0.64	7.44	2.87	4.96	15.28
Boll Buggy-2nd pick	2R-38(157)	MFWD 190	25,891	200	10	0.440	4.49	10.03	2.84	1.64	19.01	7.34	12.69	39.05
Boll Buggy-2nd pick	4R-38(255)	MFWD 190	25,891	200	10	0.277	2.83	6.31	1.79	1.03	11.97	4.62	7.99	24.60
Boll Buggy-2nd pick	4R-30(325)	MFWD 190	25,891	200	10	0.277	2.83	6.31	1.79	1.03	11.97	4.62	7.99	24.60
Boll Buggy-2nd Pick	4R-30(350)	MFWD 190	25,891	200	10	0.277	2.83	6.31	1.79	1.03	11.97	4.62	7.99	24.60
Boll Buggy-2nd pick	4R-38(325)	MFWD 190	25,891	200	10	0.218	2.22	4.97	1.41	0.81	9.43	3.64	6.29	19.37
Boll Buggy-2nd pick	4R-38(325)	MFWD 190	25,891	200	10	0.218	2.22	4.97	1.41	0.81	9.43	3.64	6.29	19.37
Boll Buggy-2nd pick	4R2x1(255)	MFWD 190	25,891	200	10	0.145	1.49	3.32	0.94	0.54	6.30	2.43	4.20	12.94
Boll Buggy-2nd pick	5R-30(255)	MFWD 190	25,891	200	10	0.221	2.26	5.05	1.43	0.82	9.58	3.69	6.39	19.68
Boll Buggy-2nd pick	5R-38(255)	MFWD 190	25,891	200	10	0.175	1.79	3.99	1.13	0.65	7.58	2.92	5.06	15.57
Boll Buggy-2nd pick	6R-30(325)	MFWD 190	25,891	200	10	0.184	1.88	4.21	1.19	0.68	7.98	3.08	5.33	16.40
Boll Buggy-2nd pick	6R-38(325)	MFWD 190	25,891	200	10	0.145	1.49	3.32	0.94	0.54	6.30	2.43	4.20	12.94
Boll Buggy-Stripper	13' Bcast	MFWD 150	25,891	200	10	0.251	2.57	4.53	1.63	0.79	9.53	4.19	5.98	19.71
Boll Buggy-Stripper	16' Bcast	MFWD 150	25,891	200	10	0.204	2.08	3.68	1.32	0.64	7.74	3.41	4.85	16.01
Boll Buggy-Stripper	19' Bcast	MFWD 150	25,891	200	10	0.172	1.75	3.09	1.11	0.54	6.52	2.87	4.09	13.48
Boll Buggy-Stripper	4R-30 2x1	MFWD 150	25,891	200	10	0.218	2.22	3.92	1.41	0.69	8.25	3.63	5.18	17.08
Boll Buggy-Stripper	4R-36	MFWD 150	25,891	200	10	0.272	2.78	4.90	1.76	0.86	10.32	4.54	6.47	21.35
Boll Buggy-Stripper	4R-38	MFWD 150	25,891	200	10	0.257	2.63	4.63	1.66	0.81	9.75	4.29	6.12	20.17
Boll Buggy-Stripper	4R-38 2x1	MFWD 150	25,891	200	10	0.172	1.75	3.09	1.11	0.54	6.52	2.87	4.09	13.48
Boll Buggy-Stripper	5R-30	MFWD 150	25,891	200	10	0.261	2.67	4.71	1.69	0.83	9.91	4.36	6.22	20.49
Boll Buggy-Stripper	5R-38	MFWD 150	25,891	200	10	0.207	2.11	3.72	1.34	0.65	7.84	3.45	4.92	16.21
Boll Buggy-Stripper	6R-30	MFWD 150	25,891	200	10	0.218	2.22	3.92	1.41	0.69	8.25	3.63	5.18	17.08
Boll Buggy-Stripper	6R-38	MFWD 150	25,891	200	10	0.172	1.75	3.09	1.11	0.54	6.52	2.87	4.09	13.48
Boll Buggy-Stripper	8R-30	MFWD 150	25,891	200	10	0.163	1.67	2.94	1.05	0.51	6.19	2.72	3.88	12.81
Boll Buggy-Stripper	8R-36/38	MFWD 150	25,891	200	10	0.129	1.32	2.32	0.83	0.41	4.89	2.15	3.07	10.12
Chisel Plow(Folding)	16'	2WD 130	11,115	150	12	0.115	1.17	1.80	0.46	0.28	3.72	1.03	2.11	6.87
Chisel Plow(Folding)	24'	MFWD 190	23,766	150	12	0.076	0.78	1.74	0.65	0.28	3.46	1.46	2.20	7.13
Chisel Plow(Folding)	32'	MFWD 225	28,547	150	12	0.057	0.58	1.55	0.59	0.25	2.99	1.32	1.97	6.29
Chisel Plow(Folding)	42'	MFWD 225	34,633	150	12	0.044	0.44	1.18	0.55	0.19	2.38	1.22	1.50	5.11
Chisel Plow(Folding)	50'	MFWD 225	52,947	150	10	0.036	0.37	0.99	0.84	0.16	2.38	1.72	1.26	5.37
Chisel Plow(Rigid)	15'	2WD 130	8,904	150	12	0.123	1.25	1.92	0.39	0.30	3.87	0.88	2.25	7.01
Chisel Plow(Rigid)	24'	MFWD 190	7,632	150	12	0.077	0.78	1.75	0.21	0.28	3.04	0.47	2.22	5.73
Chisel-Harrow	21 shank	2WD 190	7,632	150	12	0.088	0.89	2.00	0.24	0.29	3.44	0.54	2.28	6.26
Chisel-Harrow	27 shank	MFWD 225	10,046	150	12	0.068	0.69	1.84	0.24	0.30	3.09	0.55	2.33	5.98
Colter-Chisel-Harrow	21 shank	2WD 190	13,647	150	12	0.088	0.89	2.00	0.43	0.29	3.63	0.96	2.28	6.88
Colter-Chisel-Harrow	27 shank	MFWD 225	17,780	150	12	0.068	0.69	1.84	0.43	0.30	3.28	0.98	2.33	6.60
Corn Grain Cart 8R30	500 bu	MFWD 190	14,819	200	12	0.031	0.32	0.72	0.12	0.11	1.30	0.28	0.92	2.50
Corn Grain Cart 8R38	700bu	MFWD 190	21,566	200	12	0.025	0.25	0.56	0.14	0.09	1.06	0.32	0.72	2.11
Cult & Post	4R-30	2WD 105	13,756	150	10	0.220	3.05	2.77	0.80	0.27	6.90	2.66	2.05	11.62
Cult & Post	4R-38	2WD 105	13,403	150	10	0.173	2.40	2.18	0.61	0.21	5.41	2.04	1.62	9.08
Cult & Post	6R-30	MFWD 150	17,581	150	10	0.146	2.03	2.63	0.68	0.46	5.82	2.27	3.48	11.58
Cult & Post	6R-38	MFWD 150	17,935	150	10	0.115	1.60	2.08	0.55	0.36	4.60	1.83	2.75	9.18
Cult & Post	8R-30	MFWD 190	20,862	150	10	0.110	1.52	2.50	0.61	0.41	5.05	2.02	3.17	10.24
Cult & Post	8R-38	MFWD 190	22,267	150	10	0.086	1.20	1.98	0.51	0.32	4.02	1.70	2.50	8.24
Cult & Post	8R-38 2x1	MFWD 190	32,099	150	10	0.057	0.80	1.31	0.49	0.21	2.83	1.63	1.66	6.14
Cult & Post	10R-30	MFWD 225	28,058	150	10	0.088	1.22	2.37	0.65	0.38	4.64	2.17	3.00	9.81
Cult & Post	12R-30	MFWD 225	30,810	150	10	0.073	1.01	1.97	0.60	0.32	3.92	1.99	2.50	8.41
Cult & Post	12R-38	MFWD 225	32,099	150	10	0.057	0.80	1.56	0.49	0.25	3.11	1.63	1.97	6.72
Cult & Post	16R-30	MFWD 225	39,447	150	10	0.055	0.76	1.48	0.57	0.24	3.06	1.91	1.87	6.85
Cultipacker	12'	2WD 130	3,375	300	12	0.124	1.27	1.93	0.09	0.30	3.61	0.17	2.27	6.06
Cultipacker	20'	MFWD 150	11,551	300	12	0.074	0.76	1.34	0.20	0.23	2.54	0.35	1.77	4.67
Cultivate	4R-30	2WD 105	8,509	150	10	0.206	2.10	2.59	0.46	0.35	5.52	1.54	2.63	9.70
Cultivate	4R-38	2WD 105	8,155	150	10	0.162	1.65	2.04	0.35	0.20	4.25	1.16	1.51	6.94
Cultivate	6R-30	MFWD 150	12,334	150	10	0.137	1.40	2.47	0.45	0.43	4.76	1.49	3.26	9.52
Cultivate	6R-38	MFWD 150	12,688	150	10	0.108	1.10	1.95	0.36	0.34	3.77	1.21	2.57	7.56

(continued)

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

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---		Total Direct	---Fixed---		Total Cost
									Imp.	P.U.		Imp.	P.U.	
			dollars	hours	years	hr/ac	-----\$/acre-----							
Cultivate	8R-30	MFWD 190	15,615	150	10	0.103	1.05	2.35	0.42	0.38	4.21	1.41	2.97	8.61
Cultivate	8R-38	MFWD 190	17,020	150	10	0.081	0.83	1.85	0.36	0.30	3.36	1.22	2.35	6.93
Cultivate	8R-38 2x1	MFWD 190	26,377	150	10	0.054	0.55	1.23	0.38	0.20	2.37	1.26	1.56	5.20
Cultivate	10R-30	MFWD 225	22,810	150	10	0.082	0.84	2.22	0.50	0.36	3.93	1.65	2.81	8.40
Cultivate	12R-30	MFWD 225	25,563	150	10	0.068	0.70	1.85	0.46	0.30	3.32	1.54	2.34	7.22
Cultivate	12R-38	MFWD 225	26,377	150	10	0.054	0.55	1.46	0.38	0.23	2.64	1.26	1.85	5.75
Cultivate	16R-30	MFWD 225	34,199	150	10	0.051	0.52	1.39	0.47	0.22	2.61	1.55	1.75	5.92
Disk & Incorporate	14'	2WD 130	19,132	200	10	0.149	2.07	2.33	0.85	0.36	5.63	1.89	2.73	10.26
Disk & Incorporate	24'	MFWD 190	32,225	200	10	0.087	1.21	1.98	0.84	0.32	4.36	1.85	2.51	8.74
Disk & Incorporate	28'	MFWD 225	35,392	200	10	0.074	1.03	2.01	0.79	0.33	4.18	1.75	2.55	8.48
Disk & Incorporate	32'	MFWD 225	40,404	200	10	0.065	0.90	1.76	0.79	0.28	3.75	1.74	2.23	7.74
Disk Bed (Hipper)	4R-38	MFWD 150	6,958	160	10	0.147	1.50	2.65	0.25	0.46	4.88	0.84	3.50	9.24
Disk Bed (Hipper)	6R-30	MFWD 170	10,952	160	10	0.125	1.27	2.54	0.34	0.44	4.60	1.13	3.42	9.16
Disk Bed (Hipper)	6R-38	MFWD 170	10,952	160	10	0.098	1.00	2.01	0.27	0.34	3.63	0.89	2.70	7.23
Disk Bed (Hipper)	8R-30	MFWD 190	12,086	160	10	0.093	0.95	2.13	0.28	0.34	3.72	0.93	2.70	7.36
Disk Bed (Hipper)	8R-38 2x1	MFWD 190	24,352	160	10	0.049	0.50	1.12	0.30	0.18	2.11	0.99	1.42	4.52
Disk Bed (Hipper)	10R-30	MFWD 225	15,222	160	10	0.075	0.76	2.02	0.28	0.33	3.40	0.94	2.55	6.90
Disk Bed (Hipper)	10R-38	MFWD 225	16,884	160	10	0.059	0.60	1.59	0.24	0.26	2.71	0.82	2.01	5.55
Disk Bed (Hipper)	12R-30	MFWD 225	17,844	160	10	0.062	0.63	1.68	0.27	0.27	2.87	0.92	2.13	5.93
Disk Bed (Hipper)	12R-38	MFWD 225	24,352	160	10	0.049	0.50	1.33	0.30	0.21	2.35	0.99	1.68	5.02
Disk Bed (Hipper)Fld	8R-38	MFWD 190	16,216	160	10	0.074	0.75	1.68	0.30	0.27	3.02	0.99	2.13	6.15
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	14,107	160	10	0.074	0.75	1.68	0.26	0.27	2.98	0.86	2.13	5.98
Disk Bed w/roller	8R-30	MFWD 190	14,262	160	10	0.093	0.95	2.13	0.33	0.34	3.77	1.10	2.70	7.58
Disk Bed w/roller	12R-30	MFWD 225	24,672	160	10	0.062	0.63	1.68	0.38	0.27	2.98	1.27	2.13	6.39
Disk Harrow	14'	2WD 130	13,885	180	10	0.140	1.43	2.18	0.54	0.34	4.50	1.43	2.56	8.50
Disk Harrow	24'	MFWD 190	26,978	180	10	0.081	0.83	1.86	0.61	0.30	3.61	1.62	2.36	7.60
Disk Harrow	28'	MFWD 225	30,144	180	10	0.070	0.71	1.89	0.58	0.30	3.50	1.55	2.39	7.45
Disk Harrow	32'	MFWD 225	35,157	180	10	0.061	0.62	1.65	0.59	0.27	3.15	1.58	2.09	6.83
Ditcher		2WD 130	4,304	200	10	0.020	0.20	0.31	0.03	0.04	0.59	0.05	0.36	1.02
Ditcher (1m/160a)		2WD 130	4,304	200	10	0.009	0.09	0.14	0.01	0.02	0.28	0.02	0.17	0.47
Fert Appl (Liquid)	4R-38	MFWD 150	11,985	150	8	0.154	2.14	2.78	1.23	0.49	6.65	1.73	3.67	12.06
Fert Appl (Liquid)	6R-30	MFWD 170	14,275	150	8	0.130	1.81	2.66	1.24	0.46	6.19	1.74	3.58	11.53
Fert Appl (Liquid)	6R-38	MFWD 170	11,780	150	8	0.103	1.43	2.10	0.81	0.36	4.71	1.13	2.83	8.69
Fert Appl (Liquid)	8R-30	MFWD 190	14,232	150	8	0.098	1.36	2.23	0.93	0.36	4.89	1.30	2.83	9.03
Fert Appl (Liquid)	8R-38	MFWD 190	14,057	150	8	0.077	1.07	1.76	0.72	0.28	3.86	1.02	2.23	7.12
Fert Appl (Liquid)	8R-38 2x1	MFWD 190	17,213	150	8	0.051	0.71	1.17	0.59	0.19	2.68	0.83	1.49	5.00
Fert Appl (Liquid)	10R-30	MFWD 225	14,937	150	8	0.078	1.08	2.12	0.78	0.34	4.33	1.09	2.68	8.11
Fert Appl (Liquid)	10R-38	MFWD 225	16,367	150	8	0.061	0.85	1.67	0.67	0.27	3.48	0.94	2.11	6.54
Fert Appl (Liquid)	12R-30	MFWD 225	16,347	150	8	0.078	1.08	2.12	0.85	0.34	4.41	1.20	2.68	8.29
Fert Appl (Liquid)	12R-38	MFWD 225	17,213	150	8	0.051	0.71	1.39	0.59	0.22	2.93	0.83	1.76	5.52
Field Cult & Inc	42'	MFWD 225	42,551	100	10	0.037	0.52	1.01	0.40	0.16	2.11	2.12	1.28	5.52
Field Cult & Inc	50'	MFWD 225	52,527	100	10	0.031	0.43	0.85	0.41	0.13	1.85	2.20	1.08	5.13
Field Cult & Inc Fld	24'	MFWD 170	24,426	100	10	0.066	0.91	1.34	0.40	0.23	2.90	2.13	1.81	6.84
Field Cult & Inc Fld	32'	MFWD 190	33,528	100	10	0.049	0.68	1.12	0.41	0.18	2.41	2.19	1.43	6.04
Field Cult & Inc Rdg	12'	2WD 150	12,322	100	10	0.132	1.83	2.37	0.40	0.35	4.97	2.15	2.67	9.80
Field Cultivate	42'	MFWD 225	36,828	100	10	0.035	0.36	0.95	0.32	0.15	1.80	1.73	1.21	4.74
Field Cultivate	50'	MFWD 225	45,861	100	10	0.029	0.30	0.80	0.34	0.13	1.58	1.81	1.01	4.41
Field Cultivate Fld	24'	MFWD 170	19,178	100	10	0.062	0.63	1.26	0.29	0.22	2.42	1.57	1.70	5.70
Field Cultivate Fld	32'	MFWD 190	28,281	100	10	0.046	0.47	1.06	0.32	0.17	2.04	1.74	1.34	5.13
Field Cultivate Rdg	12'	2WD 150	7,075	100	10	0.124	1.27	2.23	0.22	0.33	4.06	1.16	2.52	7.74
Grain Drill	8'	2WD 130	14,887	150	8	0.235	4.12	3.67	1.31	0.57	9.69	3.17	4.30	17.18
Grain Drill	10'	2WD 130	18,354	150	8	0.188	3.30	2.93	1.29	0.46	8.00	3.13	3.44	14.58
Grain Drill	12'	2WD 130	14,144	150	8	0.157	2.75	2.44	0.83	0.38	6.42	2.01	2.87	11.30
Grain Drill	15'	MFWD 150	25,179	150	8	0.125	2.20	2.26	1.18	0.39	6.04	2.86	2.98	11.90
Grain Drill	15'11R/15"	MFWD 150	26,249	150	8	0.125	2.20	2.26	1.23	0.39	6.10	2.98	2.98	12.07
Grain Drill	20'	MFWD 170	32,350	150	8	0.094	1.65	1.92	1.14	0.33	5.05	2.76	2.58	10.39
Grain Drill	20'15R/15"	MFWD 170	31,576	150	8	0.094	1.65	1.92	1.11	0.33	5.02	2.69	2.58	10.30
Grain Drill	24'	MFWD 190	37,162	150	8	0.078	1.37	1.79	1.09	0.29	4.55	2.64	2.26	9.46
Grain Drill	25'15R/15"	MFWD 190	37,563	150	8	0.075	1.32	1.71	1.06	0.28	4.38	2.56	2.17	9.12
Grain Drill	30'	MFWD 225	44,388	150	8	0.062	1.10	1.69	1.04	0.27	4.12	2.52	2.14	8.79
Grain Drill	30'24R/15"	MFWD 225	51,181	150	8	0.062	1.10	1.69	1.20	0.27	4.28	2.91	2.14	9.33
Grain Drill	35'	MFWD 225	55,673	150	8	0.053	0.94	1.45	1.12	0.23	3.76	2.71	1.83	8.31
Grain Drill	40'	MFWD 225	80,964	150	8	0.047	0.82	1.27	1.43	0.20	3.73	3.45	1.60	8.80
Grain Drill & Pre	8'	2WD 130	20,135	150	8	0.253	4.44	3.95	1.91	0.61	10.94	4.62	4.64	20.21
Grain Drill & Pre	10'	2WD 130	23,602	150	8	0.203	3.55	3.16	1.79	0.49	9.01	4.33	3.71	17.06
Grain Drill & Pre	12'	2WD 130	19,391	150	8	0.169	2.96	2.63	1.23	0.41	7.24	2.97	3.09	13.31
Grain Drill & Pre	15'	MFWD 150	30,426	150	8	0.135	2.37	2.43	1.54	0.42	6.78	3.72	3.21	13.72
Grain Drill & Pre	15'11R/15"	MFWD 150	31,496	150	8	0.135	2.37	2.43	1.59	0.42	6.83	3.85	3.21	13.91
Grain Drill & Pre	20'	MFWD 170	37,597	150	8	0.101	1.77	2.07	1.43	0.35	5.64	3.45	2.78	11.87
Grain Drill & Pre	20'15R/15"	MFWD 170	36,823	150	8	0.101	1.77	2.07	1.40	0.35	5.61	3.38	2.78	11.77
Grain Drill & Pre	24'	MFWD 190	42,410	150	8	0.084	1.48	1.92	1.34	0.31	5.07	3.24	2.44	10.76
Grain Drill & Pre	25'15R/15"	MFWD 190	42,810	150	8	0.081	1.42	1.85	1.30	0.30	4.88	3.14	2.34	10.37
Grain Drill & Pre	30'	MFWD 225	49,635	150	8	0.067	1.18	1.82	1.25	0.29	4.57	3.04	2.30	9.92
Grain Drill & Pre	30'24R/15"	MFWD 225	56,429	150	8	0.067	1.18	1.82	1.43	0.29	4.74	3.45	2.30	10.51
Grain Drill & Pre	35'	MFWD 225	60,920	150	8	0.058	1.01	1.56	1.32	0.25	4.16	3.19	1.97	9.34

(continued)

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

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---		Total Direct	--Fixed--		Total Cost
									Imp.	P.U.		Imp.	P.U.	
			dollars	hours	years	hr/ac	-----\$/acre-----							
Grain Drill & Pre	40'	MFWD 225	86,211	150	8	0.050	0.88	1.37	1.64	0.22	4.12	3.96	1.73	9.81
Harrow Fld	40'	MFWD 190	10,620	200	10	0.038	0.39	0.88	0.14	0.14	1.57	0.27	1.11	2.96
Harrow Rdg	13'	2WD 130	3,690	200	10	0.119	1.21	1.86	0.15	0.29	3.52	0.29	2.18	6.00
Harrow Rdg	21'	2WD 150	4,590	200	10	0.073	0.75	1.33	0.11	0.20	2.40	0.22	1.49	4.12
Harrow Rdg	30'	MFWD 190	7,740	200	10	0.051	0.52	1.17	0.14	0.19	2.04	0.26	1.49	3.79
Header - Corn	4R-38	240hp	25,147	300	8	0.201	2.05	5.78	1.26	3.38	12.48	2.36	16.20	31.06
Header - Corn	6R30"	240hp	31,393	300	8	0.170	1.73	4.89	1.33	2.86	10.84	2.50	13.72	27.06
Header - Corn	6R38"	240hp	33,850	300	8	0.134	1.37	3.86	1.13	2.26	8.64	2.12	10.83	21.60
Header - Corn	8R-30	240hp	40,647	300	8	0.127	1.30	3.67	1.29	2.14	8.42	2.42	10.29	21.14
Header - Corn	8R-38	275hp	42,909	300	8	0.100	1.03	3.32	1.08	2.00	7.44	2.02	9.58	19.06
Header - Corn	12R-20	275hp	56,689	300	8	0.127	1.30	4.21	1.80	2.53	9.85	3.38	12.12	25.37
Header - Corn	12R-30	275hp	62,425	300	8	0.085	0.86	2.80	1.32	1.68	6.69	2.48	8.08	17.26
Header - Draper (CL)	25' Rigid	240hp	25,578	300	8	0.203	2.07	5.84	1.19	3.41	12.52	2.35	16.36	31.23
Header - Draper (CL)	30' Rigid	275hp	28,727	300	8	0.169	1.72	5.57	1.11	3.35	11.77	2.20	16.07	30.05
Header - Draper (CL)	36' Rigid	325hp	32,036	300	8	0.141	1.43	5.49	1.03	3.30	11.27	2.04	15.80	29.12
Header - Draper (SL)	25' Rigid	2WD 50	25,578	300	8	0.176	1.79	1.05	1.03	0.10	3.98	2.03	0.75	6.77
Header - Draper (SL)	30' Rigid	275hp	28,727	300	8	0.146	1.49	4.83	0.96	2.90	10.20	1.90	13.92	26.04
Header - Draper (SL)	36' Rigid	325hp	32,036	300	8	0.122	1.24	4.76	0.89	2.86	9.77	1.77	13.69	25.23
Header - Rice (CL)	22' Rigid	240hp	21,887	300	8	0.288	2.94	8.30	1.57	4.85	17.67	2.95	23.24	43.87
Header - Rice (CL)	25' Rigid	275hp	25,387	300	8	0.253	2.59	8.36	1.61	5.03	17.60	3.01	24.10	44.73
Header - Rice (CL)	30' Rigid	275hp	26,406	300	8	0.211	2.15	6.97	1.39	4.19	14.72	2.61	20.09	37.43
Header - Rice (SL)	22' Rigid	240hp	21,887	300	8	0.250	2.55	7.19	1.36	4.20	15.32	2.56	20.14	38.02
Header - Rice (SL)	25' Rigid	275hp	25,387	300	8	0.220	2.24	7.25	1.39	4.36	15.25	2.61	20.89	38.76
Header - Rice (SL)	30' Rigid	275hp	26,406	300	8	0.183	1.87	6.04	1.21	3.63	12.76	2.26	17.41	32.43
Header - Soybean	18' Flex	240hp	20,317	300	8	0.141	1.44	4.08	0.72	2.38	8.64	1.34	11.43	21.42
Header - Soybean	22' Flex	240hp	21,525	300	8	0.116	1.18	3.34	0.62	1.95	7.10	1.16	9.35	17.62
Header - Soybean	25' Flex	275hp	23,651	300	8	0.102	1.04	3.36	0.60	2.02	7.04	1.13	9.70	17.87
Header - Soybean	30' Flex	275hp	26,468	300	8	0.085	0.86	2.80	0.56	1.68	5.92	1.05	8.08	15.06
Header - Soybean	35' Flex	325hp	31,612	300	8	0.072	0.74	2.84	0.57	1.70	5.87	1.07	8.17	15.13
Header Wheat/Sorghum	18' Rigid	240hp	19,069	300	8	0.141	1.44	4.08	0.67	2.38	8.59	1.26	11.43	21.29
Header Wheat/Sorghum	22' Rigid	240hp	19,571	300	8	0.116	1.18	3.34	0.56	1.95	7.04	1.06	9.35	17.46
Header Wheat/Sorghum	25' Rigid	275hp	20,103	300	8	0.102	1.04	3.36	0.51	2.02	6.95	0.96	9.70	17.61
Header Wheat/Sorghum	30' Rigid	275hp	22,598	300	8	0.085	0.86	2.80	0.48	1.68	5.84	0.90	8.08	14.83
Header-Cotton Bcast	13'	173 hp	17,010	200	8	0.251	4.41	4.74	0.80	5.01	14.97	3.00	24.02	42.00
Header-Cotton-Bcast	16'	173 hp	19,260	200	8	0.204	3.58	3.85	0.73	4.07	12.25	2.76	19.51	34.53
Header-Cotton-Bcast	19'	173 hp	21,465	200	8	0.172	3.01	3.24	0.69	3.43	10.38	2.59	16.43	29.42
Header-Cotton-Brush	4R-30 2x1	173 hp	24,786	200	8	0.218	3.82	4.10	1.01	4.34	13.29	3.79	20.81	37.91
Header-Cotton-Brush	4R-36	173 hp	24,566	200	8	0.272	4.77	5.13	1.25	5.43	16.60	4.70	26.02	47.33
Header-Cotton-Brush	4R-38	173 hp	24,537	200	8	0.257	4.51	4.85	1.18	5.13	15.69	4.44	24.59	44.72
Header-Cotton-Brush	4R-38 2x1	173 hp	25,964	200	8	0.172	3.01	3.24	0.83	3.43	10.53	3.14	16.43	30.11
Header-Cotton-Brush	5R-30	173 hp	30,888	200	8	0.261	4.58	4.93	1.51	5.21	16.25	5.67	24.98	46.91
Header-Cotton-Brush	5R-38	173 hp	32,007	200	8	0.207	3.63	3.90	1.24	4.12	12.90	4.65	19.76	37.32
Header-Cotton-Brush	6R-30	173 hp	38,092	200	8	0.218	3.82	4.10	1.55	4.34	13.83	5.83	20.81	40.49
Header-Cotton-Brush	6R-38	2WD 50	39,251	200	8	0.172	3.01	1.03	1.26	0.09	5.41	4.74	0.74	10.90
Header-Cotton-Brush	8R-30	173 hp	52,457	200	8	0.163	2.86	3.08	1.61	3.26	10.82	6.02	15.61	32.46
Header-Cotton-Brush	8R-36/38	173 hp	53,607	200	8	0.129	2.26	2.43	1.30	2.57	8.58	4.86	12.34	25.79
Heavy Disk	14'	MFWD 150	17,073	180	10	0.145	1.49	2.62	0.69	0.46	5.27	1.82	3.46	10.56
Heavy Disk	21'	MFWD 170	25,186	180	10	0.097	0.99	1.98	0.68	0.34	4.00	1.79	2.66	8.46
Heavy Disk	27'	MFWD 190	35,140	180	10	0.075	0.77	1.72	0.73	0.28	3.51	1.95	2.18	7.65
Land Plane	50'x16'	MFWD 190	7,106	200	10	0.151	1.54	3.45	0.21	0.56	5.78	0.71	4.37	10.87
Levee Pull (1m/80a)	8 blade	MFWD 170	5,600	100	10	0.003	0.03	0.07	0.00	0.01	0.12	0.02	0.09	0.25
Levee Splitter (1/80)	8 blade	MFWD 150	5,600	100	10	0.004	0.04	0.07	0.00	0.01	0.13	0.03	0.09	0.26
Middle Buster	4R-38	MFWD 150	7,868	160	8	0.228	2.33	4.10	0.42	0.72	7.58	1.62	5.42	14.63
Middle Buster	6R-38	MFWD 150	9,591	160	8	0.120	1.22	2.16	0.27	0.38	4.04	1.04	2.85	7.94
Middle Buster	8R-30	MFWD 190	13,977	160	8	0.114	1.16	2.60	0.37	0.42	4.56	1.44	3.29	9.30
Middle Buster	8R-38	MFWD 190	12,713	160	8	0.090	0.92	2.05	0.26	0.33	3.58	1.04	2.60	7.22
Middle Buster	8R-38 2x1	MFWD 190	20,331	160	8	0.060	0.61	1.36	0.28	0.22	2.49	1.10	1.73	5.33
Middle Buster	10R-30	MFWD 225	15,541	160	8	0.091	0.93	2.46	0.33	0.40	4.13	1.28	3.11	8.53
Middle Buster	10R-38	MFWD 225	16,508	160	8	0.072	0.73	1.94	0.27	0.31	3.27	1.07	2.45	6.81
Middle Buster	12R-38	MFWD 225	20,331	160	8	0.060	0.61	1.62	0.28	0.26	2.78	1.10	2.05	5.94
Module Builder-1st	2R-38(157)	MFWD 190	33,304	200	10	0.519	9.10	11.84	4.32	1.93	27.21	11.14	14.98	53.34
Module Builder-1st	4R-30(255)	MFWD 190	33,304	200	10	0.327	5.73	7.45	2.72	1.22	17.14	7.02	9.44	33.60
Module Builder-1st	4R-30(325)	MFWD 190	33,304	200	10	0.327	5.73	7.45	2.72	1.22	17.14	7.02	9.44	33.60
Module Builder-1st	4R-30(350)	MFWD 190	33,304	200	10	0.327	5.73	7.45	2.72	1.22	17.14	7.02	9.44	33.60
Module Builder-1st	4R-38(255)	MFWD 190	33,304	200	10	0.257	4.51	5.87	2.14	0.96	13.49	5.52	7.43	26.46
Module Builder-1st	4R-38(325)	MFWD 190	33,304	200	10	0.257	4.51	5.87	2.14	0.96	13.49	5.52	7.43	26.46
Module Builder-1st	4R2x1(255)	MFWD 190	33,304	200	10	0.172	3.01	3.92	1.43	0.64	9.02	3.69	4.96	17.68
Module Builder-1st	5R-30(255)	MFWD 190	33,304	200	10	0.261	4.58	5.96	2.18	0.97	13.71	5.61	7.55	26.88
Module Builder-1st	5R-38(255)	MFWD 190	33,304	200	10	0.207	3.63	4.72	1.72	0.77	10.84	4.44	5.97	21.27
Module Builder-1st	6R-30(325)	MFWD 190	33,304	200	10	0.218	3.82	4.97	1.81	0.81	11.42	4.68	6.29	22.40
Module Builder-1st	6R-38(325)	MFWD 190	33,304	200	10	0.172	3.01	3.92	1.43	0.64	9.02	3.69	4.96	17.68
Module Builder-2nd	2R-38(157)	MFWD 190	33,304	200	10	0.440	7.71	10.03	3.66	1.64	23.04	9.44	12.69	45.18
Module Builder-2nd	4R-30(255)	MFWD 190	33,304	200	10	0.277	4.85	6.31	2.30	1.03	14.52	5.94	7.99	28.46
Module Builder-2nd	4R-30(325)	MFWD 190	33,304	200	10	0.277	4.85	6.31	2.30	1.03	14.52	5.94	7.99	28.46

(continued)

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

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---		Total Direct	--Fixed--		Total Cost
									Imp.	P.U.		Imp.	P.U.	
			dollars	hours	years	hr/ac	-----\$/acre-----							
Module Builder-2nd	4R-30(350)	MFWD 190	33,304	200	10	0.277	4.85	6.31	2.30	1.03	14.52	5.94	7.99	28.46
Module Builder-2nd	4R-38(255)	MFWD 190	33,304	200	10	0.218	3.82	4.97	1.81	0.81	11.43	4.68	6.29	22.41
Module Builder-2nd	4R-38(325)	MFWD 190	33,304	200	10	0.218	3.82	4.97	1.81	0.81	11.43	4.68	6.29	22.41
Module Builder-2nd	4R2x1(255)	MFWD 190	33,304	200	10	0.145	2.55	3.32	1.21	0.54	7.64	3.13	4.20	14.98
Module Builder-2nd	5R-30(255)	MFWD 190	33,304	200	10	0.221	3.88	5.05	1.84	0.82	11.61	4.75	6.39	22.77
Module Builder-2nd	5R-38(255)	MFWD 190	33,304	200	10	0.175	3.07	3.99	1.46	0.65	9.19	3.76	5.06	18.01
Module Builder-2nd	6R-30(325)	MFWD 190	33,304	200	10	0.184	3.23	4.21	1.53	0.68	9.68	3.96	5.33	18.97
Module Builder-2nd	6R-38(325)	MFWD 190	33,304	200	10	0.145	2.55	3.32	1.21	0.54	7.64	3.13	4.20	14.98
Module Builder-Strip	13' Bcast	MFWD 150	33,304	200	10	0.251	4.41	4.53	2.09	0.79	11.83	5.40	5.98	23.22
Module Builder-Strip	16' Bcast	MFWD 150	33,304	200	10	0.204	3.58	3.68	1.70	0.64	9.61	4.38	4.85	18.86
Module Builder-Strip	19' Bcast	MFWD 150	33,304	200	10	0.172	3.01	3.09	1.43	0.54	8.09	3.69	4.09	15.88
Module Builder-Strip	4R-30 2x1	MFWD 150	33,304	200	10	0.218	3.82	3.92	1.81	0.69	10.25	4.68	5.18	20.12
Module Builder-Strip	4R-36	MFWD 150	33,304	200	10	0.272	4.77	4.90	2.27	0.86	12.82	5.85	6.47	25.15
Module Builder-Strip	4R-38	MFWD 150	33,304	200	10	0.257	4.51	4.63	2.14	0.81	12.11	5.52	6.12	23.76
Module Builder-Strip	4R-38 2x1	MFWD 150	33,304	200	10	0.172	3.01	3.09	1.43	0.54	8.09	3.69	4.09	15.88
Module Builder-Strip	5R-30	MFWD 150	33,304	200	10	0.261	4.58	4.71	2.18	0.83	12.31	5.61	6.22	24.14
Module Builder-Strip	5R-38	MFWD 150	33,304	200	10	0.207	3.63	3.72	1.72	0.65	9.73	4.44	4.92	19.10
Module Builder-Strip	6R-30	MFWD 150	33,304	200	10	0.218	3.82	3.92	1.81	0.69	10.25	4.68	5.18	20.12
Module Builder-Strip	6R-38	MFWD 190	33,304	200	10	0.172	3.01	3.92	1.43	0.64	9.02	3.69	4.96	17.68
Module Builder-Strip	8R-36/38	MFWD 190	33,304	200	10	0.129	2.26	2.94	1.07	0.48	6.77	2.77	3.73	13.28
NT Grain Drill	10'	2WD 130	24,867	150	8	0.235	4.12	3.67	2.19	0.57	10.57	5.30	4.30	20.19
NT Grain Drill	12'	2WD 130	28,658	150	8	0.163	2.86	2.55	1.75	0.39	7.57	4.24	2.99	14.81
NT Grain Drill	15'	MFWD 150	35,830	150	8	0.130	2.29	2.35	1.75	0.41	6.82	4.24	3.11	14.18
NT Grain Drill	20'	MFWD 170	47,785	150	8	0.098	1.72	2.00	1.75	0.34	5.83	4.24	2.69	12.77
NT Grain Drill	24'	MFWD 190	71,246	150	8	0.081	1.43	1.86	2.18	0.30	5.79	5.27	2.36	13.43
NT Grain Drill	30'	MFWD 225	70,350	150	8	0.065	1.14	1.76	1.72	0.28	4.93	4.16	2.23	11.33
NT Grain Drill & Pre	10'	2WD 130	30,114	150	8	0.211	3.70	3.29	2.38	0.51	9.90	5.76	3.86	19.54
NT Grain Drill & Pre	12'	2WD 130	33,905	150	8	0.176	3.08	2.74	2.24	0.43	8.50	5.41	3.22	17.14
NT Grain Drill & Pre	15'	MFWD 150	41,077	150	8	0.141	2.47	2.53	2.17	0.44	7.62	5.24	3.34	16.22
NT Grain Drill & Pre	20'	MFWD 170	53,032	150	8	0.105	1.85	2.15	2.10	0.37	6.48	5.07	2.89	14.46
NT Grain Drill & Pre	24'	MFWD 190	76,493	150	8	0.088	1.54	2.00	2.52	0.32	6.40	6.10	2.54	15.05
NT Grain Drill & Pre	30'	MFWD 225	75,598	150	8	0.070	1.23	1.90	1.99	0.31	5.44	4.82	2.40	12.67
NT Plant&Pre-Folding	8R-38	MFWD 170	43,021	150	8	0.083	1.46	1.70	1.34	0.29	4.81	3.25	2.29	10.36
NT Plant&Pre-Folding	8R-38 2x1	MFWD 170	57,305	150	8	0.055	0.97	1.13	1.19	0.19	3.50	2.88	1.52	7.91
NT Plant&Pre-Folding	10R-30	MFWD 190	55,481	150	8	0.084	1.48	1.92	1.76	0.31	5.48	4.24	2.44	12.17
NT Plant&Pre-Folding	10R-38	MFWD 190	52,893	150	8	0.066	1.16	1.52	1.32	0.24	4.26	3.19	1.92	9.38
NT Plant&Pre-Folding	12R-20	MFWD 190	54,256	150	8	0.105	1.85	2.41	2.15	0.39	6.80	5.19	3.05	15.05
NT Plant&Pre-Folding	12R-30	MFWD 190	63,616	150	8	0.070	1.23	1.60	1.68	0.26	4.78	4.06	2.03	10.88
NT Plant&Pre-Folding	12R-38	MFWD 190	59,634	150	8	0.055	0.97	1.26	1.24	0.20	3.69	3.00	1.60	8.30
NT Plant&Pre-Folding	16R-30	MFWD 190	85,789	150	8	0.052	0.92	1.20	1.70	0.19	4.02	4.10	1.52	9.66
NT Plant&Pre-Folding	23R-15	MFWD 190	99,593	150	8	0.073	1.28	1.67	2.74	0.27	5.97	6.62	2.11	14.71
NT Plant&Pre-Folding	24R-15	MFWD 225	101,578	150	8	0.070	1.23	1.90	2.68	0.31	6.13	6.48	2.40	15.02
NT Plant&Pre-Folding	24R-20	MFWD 190	116,358	150	8	0.052	0.92	1.20	2.30	0.19	4.63	5.56	1.52	11.73
NT Plant&Pre-Folding	24R-30	MFWD 190	141,887	150	8	0.035	0.61	0.80	1.87	0.13	3.42	4.52	1.01	8.97
NT Plant&Pre-Folding	31R-15	MFWD 225	126,903	150	8	0.054	0.95	1.47	2.60	0.24	5.27	6.27	1.86	13.41
NT Plant&Pre-Folding	32R-15	MFWD 225	128,819	150	8	0.052	0.92	1.42	2.55	0.23	5.14	6.16	1.80	13.11
NT Plant&Pre-Folding	32R-30	MFWD 225	211,058	150	8	0.026	0.46	0.71	2.09	0.11	3.38	5.05	0.90	9.33
NT Plant&Pre-Folding	36R-20	MFWD 225	148,766	150	8	0.035	0.61	0.95	1.96	0.15	3.69	4.74	1.20	9.64
NT Plant&Pre-Folding	36R-30	MFWD 225	216,431	150	8	0.023	0.41	0.63	1.90	0.10	3.05	4.60	0.80	8.46
NT Plant&Pre-Rigid	4R-30	2WD 130	23,011	150	8	0.211	3.70	3.29	1.82	0.51	9.34	4.40	3.86	17.62
NT Plant&Pre-Rigid	4R-38	2WD 130	23,351	150	8	0.166	2.91	2.59	1.45	0.40	7.38	3.52	3.04	13.94
NT Plant&Pre-Rigid	6R-30	MFWD 150	29,138	150	8	0.141	2.47	2.53	1.54	0.44	6.99	3.71	3.34	14.06
NT Plant&Pre-Rigid	6R-38	MFWD 150	28,778	150	8	0.111	1.95	2.00	1.20	0.35	5.50	2.90	2.64	11.05
NT Plant&Pre-Rigid	8R-30	MFWD 170	34,646	150	8	0.105	1.85	2.15	1.37	0.37	5.75	3.31	2.89	11.97
NT Plant&Pre-Rigid	8R-38	MFWD 170	32,221	150	8	0.083	1.46	1.70	1.01	0.29	4.47	2.43	2.29	9.20
NT Plant&Pre-Rigid	10R-30	MFWD 190	35,847	150	8	0.084	1.48	1.92	1.13	0.31	4.86	2.74	2.44	10.05
NT Plant&Pre-Rigid	11R-15	MFWD 170	41,039	150	8	0.143	2.52	2.93	2.21	0.50	8.17	5.34	3.94	17.46
NT Plant&Pre-Rigid	11R-20	MFWD 170	37,716	150	8	0.115	2.02	2.35	1.63	0.40	6.42	3.94	3.16	13.54
NT Plant&Pre-Rigid	12R-20	MFWD 190	51,000	150	8	0.105	1.85	2.41	2.02	0.39	6.68	4.88	3.05	14.61
NT Plant&Pre-Rigid	12R-30	MFWD 190	53,261	150	8	0.070	1.23	1.60	1.40	0.26	4.51	3.39	2.03	9.94
NT Plant&Pre-Rigid	13R-18/20	MFWD 225	47,102	150	8	0.097	1.70	2.63	1.72	0.43	6.49	4.15	3.32	13.97
NT Plant&Pre-Rigid	13R-36/40	MFWD 225	42,223	150	8	0.051	0.90	1.39	0.81	0.22	3.34	1.97	1.76	7.07
NT Plant&Pre-Rigid	15R-15	MFWD 190	51,943	150	8	0.113	1.98	2.57	2.20	0.42	7.18	5.31	3.26	15.76
NT Plant&Pre-Rigid	15R-20	MFWD 190	51,799	150	8	0.084	1.48	1.92	1.64	0.31	5.37	3.96	2.44	11.77
NT Plant&Pre-Rigid	16R-30	MFWD 225	91,438	150	8	0.052	0.92	1.42	1.81	0.23	4.39	4.37	1.80	10.58
NT Plant&Pre-TwinRow	12R-30/40	MFWD 225	93,702	150	8	0.055	0.97	1.50	1.95	0.24	4.67	4.72	1.89	11.30
NT Plant&Pre-TwinRow	8R-30/40	MFWD 225	72,036	150	8	0.083	1.46	2.25	2.25	0.36	6.34	5.45	2.85	14.65
NT Plant-Folding	8R-38	MFWD 170	37,773	150	8	0.077	1.36	1.58	1.09	0.27	4.31	2.65	2.12	9.10
NT Plant-Folding	8R-38 2x1	MFWD 170	52,058	150	8	0.051	0.90	1.05	1.00	0.18	3.15	2.43	1.41	7.00
NT Plant-Folding	10R-30	MFWD 190	50,234	150	8	0.078	1.37	1.79	1.48	0.29	4.94	3.57	2.26	10.77
NT Plant-Folding	10R-38	MFWD 190	47,646	150	8	0.061	1.08	1.41	1.10	0.23	3.83	2.67	1.78	8.29
NT Plant-Folding	12R-20	MFWD 190	49,009	150	8	0.098	1.72	2.23	1.80	0.36	6.12	4.35	2.83	13.31
NT Plant-Folding	12R-30	MFWD 190	58,369	150	8	0.065	1.14	1.49	1.43	0.24	4.31	3.45	1.88	9.66
NT Plant-Folding	12R-38	MFWD 190	53,912	150	8	0.051	0.90	1.17	1.04	0.19	3.32	2.52	1.49	7.33
NT Plant-Folding	16R-30	MFWD 190	80,067	150	8	0.049	0.86	1.11	1.47	0.18	3.63	3.55	1.41	8.61

(continued)

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

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---		Total Direct	--Fixed--		Total Cost
									Imp.	P.U.		Imp.	P.U.	
			dollars	hours	years	hr/ac	-----\$/acre-----							
NT Plant-Folding	23R-15	MFWD 190	94,346	150	8	0.068	1.19	1.55	2.41	0.25	5.41	5.82	1.96	13.20
NT Plant-Folding	24R-15	MFWD 225	96,331	150	8	0.065	1.14	1.76	2.36	0.28	5.56	5.70	2.23	13.51
NT Plant-Folding	24R-20	MFWD 190	110,635	150	8	0.049	0.86	1.11	2.03	0.18	4.20	4.91	1.41	10.53
NT Plant-Folding	24R-30	MFWD 190	134,092	150	8	0.032	0.57	0.74	1.64	0.12	3.08	3.97	0.94	8.00
NT Plant-Folding	31R-15	MFWD 225	119,109	150	8	0.050	0.88	1.36	2.26	0.22	4.75	5.47	1.73	11.95
NT Plant-Folding	32R-15	MFWD 225	121,025	150	8	0.049	0.86	1.32	2.22	0.21	4.63	5.38	1.67	11.68
NT Plant-Folding	32R-30	MFWD 225	203,263	150	8	0.024	0.43	0.66	1.87	0.10	3.07	4.51	0.83	8.42
NT Plant-Folding	36R-20	MFWD 225	140,972	150	8	0.032	0.57	0.88	1.73	0.14	3.33	4.17	1.11	8.62
NT Plant-Folding	36R-30	MFWD 225	208,636	150	8	0.021	0.38	0.58	1.70	0.09	2.77	4.12	0.74	7.64
NT Plant-Rigid	4R-30	2WD 130	17,764	150	8	0.196	3.44	3.06	1.30	0.47	8.29	3.15	3.59	15.04
NT Plant-Rigid	4R-38	2WD 130	18,104	150	8	0.154	2.70	2.41	1.05	0.37	6.54	2.53	2.82	11.91
NT Plant-Rigid	6R-30	MFWD 150	23,891	150	8	0.130	2.29	2.35	1.17	0.41	6.23	2.83	3.11	12.18
NT Plant-Rigid	6R-38	MFWD 150	23,531	150	8	0.103	1.81	1.85	0.91	0.32	4.91	2.20	2.45	9.56
NT Plant-Rigid	8R-30	MFWD 170	29,399	150	8	0.098	1.72	2.00	1.08	0.34	5.15	2.61	2.69	10.45
NT Plant-Rigid	8R-38	MFWD 170	26,974	150	8	0.077	1.36	1.58	0.78	0.27	4.00	1.89	2.12	8.02
NT Plant-Rigid	10R-30	MFWD 190	30,600	150	8	0.078	1.37	1.79	0.90	0.29	4.36	2.17	2.26	8.80
NT Plant-Rigid	11R-15	MFWD 170	35,791	150	8	0.133	2.34	2.72	1.79	0.47	7.33	4.32	3.66	15.32
NT Plant-Rigid	11R-20	MFWD 170	32,468	150	8	0.107	1.88	2.18	1.30	0.38	5.75	3.15	2.94	11.85
NT Plant-Rigid	12R-20	MFWD 190	45,753	150	8	0.098	1.72	2.23	1.68	0.36	6.00	4.06	2.83	12.90
NT Plant-Rigid	12R-30	MFWD 190	48,014	150	8	0.065	1.14	1.49	1.17	0.24	4.06	2.84	1.88	8.79
NT Plant-Rigid	13R-18/20	MFWD 225	41,380	150	8	0.090	1.59	2.45	1.41	0.40	5.85	3.40	3.10	12.36
NT Plant-Rigid	13R-36/40	MFWD 225	36,500	150	8	0.047	0.83	1.29	0.65	0.21	2.99	1.58	1.63	6.21
NT Plant-Rigid	15R-15	MFWD 190	46,220	150	8	0.105	1.84	2.39	1.82	0.39	6.44	4.39	3.02	13.87
NT Plant-Rigid	15R-20	MFWD 190	46,076	150	8	0.078	1.37	1.79	1.35	0.29	4.81	3.27	2.26	10.36
NT Plant-Rigid	16R-30	MFWD 225	85,715	150	8	0.049	0.86	1.32	1.57	0.21	3.98	3.81	1.67	9.46
NT Plant-TwinRow	12R-30/40	MFWD 225	87,980	150	8	0.051	0.90	1.39	1.70	0.22	4.23	4.11	1.76	10.11
NT Plant-TwinRow	8R-30/40	MFWD 225	66,789	150	8	0.077	1.36	2.09	1.94	0.34	5.74	4.69	2.64	13.08
Paratill & Bed Fold.	8R-38	MFWD 225	30,876	150	12	0.080	0.82	2.17	0.90	0.35	4.26	2.00	2.75	9.02
Paratill & Bed Fold.	8R-38 2x1	MFWD 225	42,878	150	12	0.053	0.54	1.45	0.83	0.23	3.06	1.85	1.83	6.76
Paratill & Bed Fold.	10R-30	MFWD 225	24,840	150	12	0.081	0.83	2.20	0.73	0.36	4.13	1.63	2.78	8.55
Paratill & Bed Fold.	12R-38	MFWD 225	42,878	150	12	0.053	0.54	1.45	0.83	0.23	3.06	1.85	1.83	6.76
Paratill & Bed Rigid	4R-30	MFWD 225	9,794	150	12	0.204	2.08	5.51	0.72	0.90	9.22	1.61	6.97	17.80
Paratill & Bed Rigid	4R-38	MFWD 225	10,068	150	12	0.160	1.64	4.34	0.58	0.70	7.27	1.30	5.48	14.07
Paratill & Bed Rigid	6R-30	MFWD 225	13,527	150	12	0.136	1.39	3.67	0.66	0.60	6.33	1.48	4.64	12.46
Paratill & Bed Rigid	6R-38	MFWD 225	15,868	150	12	0.107	1.09	2.90	0.61	0.47	5.09	1.37	3.66	10.13
Paratill & Bed Rigid	8R-30	MFWD 225	17,858	150	12	0.102	1.04	2.75	0.65	0.45	4.90	1.46	3.48	9.86
Paratill & Bed Rigid	8R-38	MFWD 225	20,542	150	12	0.080	0.82	2.17	0.59	0.35	3.95	1.33	2.75	8.05
Paratill & Bed Rigid	10R-30	MFWD 225	19,308	150	12	0.081	0.83	2.20	0.56	0.36	3.97	1.27	2.78	8.02
Peanut Cond.& Lifter	6-Row	MFWD 190	10,705	300	20	0.100	1.02	2.27	0.17	0.37	3.85	0.36	2.88	7.09
Peanut Conditioner	4-Row	MFWD 190	6,035	300	20	0.142	1.45	3.25	0.24	0.53	5.49	0.27	4.12	9.88
Peanut Conditioner	6-Row	MFWD 190	9,265	300	20	0.100	1.02	2.27	0.18	0.37	3.85	0.29	2.88	7.03
Peanut Dig/Invertor	4R-30	MFWD 190	20,559	300	15	0.235	2.40	5.37	1.20	0.87	9.86	1.86	6.80	18.53
Peanut Dig/Invertor	4R-38	MFWD 190	20,559	300	15	0.186	1.90	4.24	0.95	0.69	7.79	1.46	5.37	14.63
Peanut Dig/Invertor	6R-38	MFWD 190	29,200	300	15	0.124	1.26	2.82	0.63	0.46	5.19	1.39	3.57	10.16
Peanut Dump Cart	6-Row	MFWD 190	25,652	300	20	0.310	3.16	7.06	0.46	1.15	11.84	2.63	8.94	23.42
Peanut Harvester	4R-30	MFWD 225	94,566	300	20	1.176	12.01	31.74	6.30	5.19	55.25	35.35	40.14	130.74
Peanut Harvester	4R-38	MFWD 225	94,566	300	20	0.934	9.54	25.21	5.00	4.12	43.89	28.69	31.88	104.47
Peanut Harvester	6R-38	MFWD 225	110,104	300	20	0.625	6.38	16.86	3.32	2.75	29.32	22.34	21.32	72.99
Peanut Lifter	6-Row	MFWD 225	4,178	300	20	0.100	1.02	2.69	0.08	0.44	4.24	0.13	3.41	7.79
Peanut Plt&Pre Fold	12R-38	MFWD 190	54,072	150	8	0.080	1.40	1.83	1.63	0.29	5.17	3.93	2.31	11.42
Peanut Plt&Pre Rigid	8R-30	MFWD 190	30,938	150	8	0.152	2.67	3.48	1.77	0.56	8.50	4.27	4.40	17.18
Peanut Plt&Pre Rigid	8R-38	MFWD 190	28,513	150	8	0.120	2.11	2.75	1.29	0.45	6.60	3.11	3.48	13.21
Pipe Spool 160ac	1/4m roll	2WD 130	3,400	15	12	0.003	0.07	0.04	0.00	0.00	0.13	0.08	0.05	0.28
Pipe Trailer 1m/160a	30'	2WD 130	1,122	100	15	0.003	0.14	0.05	0.00	0.00	0.21	0.00	0.06	0.28
Plant & Pre-Folding	8R-38	MFWD 170	39,313	150	8	0.080	1.40	1.63	1.18	0.28	4.51	2.85	2.19	9.56
Plant & Pre-Folding	8R-38 2x1	MFWD 170	53,597	150	8	0.053	0.93	1.08	1.07	0.18	3.28	2.59	1.46	7.34
Plant & Pre-Folding	10R-30	MFWD 190	50,846	150	8	0.081	1.42	1.85	1.54	0.30	5.12	3.73	2.34	11.20
Plant & Pre-Folding	10R-38	MFWD 190	48,258	150	8	0.064	1.12	1.45	1.15	0.23	3.98	2.79	1.84	8.62
Plant & Pre-Folding	12R-20	MFWD 190	48,694	150	8	0.101	1.77	2.31	1.85	0.37	6.32	4.47	2.92	13.73
Plant & Pre-Folding	12R-30	MFWD 190	58,054	150	8	0.067	1.18	1.54	1.47	0.25	4.45	3.55	1.95	9.96
Plant & Pre-Folding	12R-38	MFWD 190	54,072	150	8	0.053	0.93	1.21	1.08	0.19	3.43	2.61	1.54	7.59
Plant & Pre-Folding	16R-30	MFWD 190	78,373	150	8	0.050	0.88	1.15	1.49	0.18	3.72	3.60	1.46	8.79
Plant & Pre-Folding	23R-15	MFWD 190	88,933	150	8	0.070	1.23	1.60	2.35	0.26	5.45	5.67	2.03	13.16
Plant & Pre-Folding	24R-15	MFWD 225	90,454	150	8	0.067	1.18	1.82	2.29	0.29	5.60	5.54	2.30	13.45
Plant & Pre-Folding	24R-20	MFWD 190	105,234	150	8	0.050	0.88	1.15	2.00	0.18	4.23	4.83	1.46	10.53
Plant & Pre-Folding	24R-30	MFWD 190	130,763	150	8	0.033	0.59	0.77	1.65	0.12	3.15	4.00	0.97	8.13
Plant & Pre-Folding	31R-15	MFWD 225	112,535	150	8	0.052	0.91	1.41	2.21	0.23	4.78	5.34	1.79	11.91
Plant & Pre-Folding	32R-15	MFWD 225	113,987	150	8	0.050	0.88	1.37	2.17	0.22	4.65	5.23	1.73	11.62
Plant & Pre-Folding	32R-30	MFWD 225	196,226	150	8	0.025	0.44	0.68	1.86	0.11	3.10	4.50	0.86	8.48
Plant & Pre-Folding	36R-20	MFWD 225	143,204	150	8	0.033	0.59	0.91	1.81	0.14	3.47	4.38	1.15	9.01
Plant & Pre-Folding	36R-30	MFWD 225	210,869	150	8	0.022	0.39	0.60	1.78	0.09	2.88	4.30	0.76	7.96
Plant & Pre-Folding	8R-30/40	MFWD 225	68,328	150	8	0.080	1.40	2.16	2.05	0.35	5.98	4.96	2.73	13.68
Plant & Pre-Rigid	4R-30	2WD 130	21,157	150	8	0.203	3.55	3.16	1.61	0.49	8.83	3.88	3.71	16.43
Plant & Pre-Rigid	4R-38	2WD 130	21,497	150	8	0.159	2.80	2.49	1.28	0.39	6.97	3.11	2.92	13.00
Plant & Pre-Rigid	6R-30	MFWD 150	27,284	150	8	0.135	2.37	2.43	1.38	0.42	6.62	3.34	3.21	13.18

(continued)

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

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---		Total Direct	---Fixed---		Total Cost
									Imp.	P.U.		Imp.	P.U.	
			dollars	hours	years	hr/ac	-----\$/acre-----							
Plant & Pre-Rigid	6R-38	MFWD 150	25,997	150	8	0.106	1.87	1.92	1.04	0.33	5.17	2.51	2.53	10.22
Plant & Pre-Rigid	8R-30	MFWD 170	30,938	150	8	0.101	1.77	2.07	1.17	0.35	5.38	2.84	2.78	11.01
Plant & Pre-Rigid	8R-38	MFWD 170	28,513	150	8	0.080	1.40	1.63	0.85	0.28	4.18	2.07	2.19	8.45
Plant & Pre-Rigid	10R-30	MFWD 190	31,212	150	8	0.081	1.42	1.85	0.95	0.30	4.52	2.29	2.34	9.16
Plant & Pre-Rigid	11R-15	MFWD 170	35,940	150	8	0.148	2.59	3.02	1.99	0.52	8.14	4.82	4.06	17.02
Plant & Pre-Rigid	11R-20	MFWD 170	32,617	150	8	0.110	1.94	2.26	1.35	0.39	5.95	3.27	3.04	12.27
Plant & Pre-Rigid	12R-20	MFWD 190	45,438	150	8	0.101	1.77	2.31	1.73	0.37	6.20	4.17	2.92	13.30
Plant & Pre-Rigid	12R-30	MFWD 190	47,699	150	8	0.067	1.18	1.54	1.21	0.25	4.19	2.92	1.95	9.06
Plant & Pre-Rigid	13R-18/20	MFWD 225	41,077	150	8	0.093	1.63	2.52	1.44	0.41	6.01	3.47	3.19	12.69
Plant & Pre-Rigid	13R-36/40	MFWD 225	36,197	150	8	0.049	0.86	1.33	0.67	0.21	3.09	1.62	1.68	6.40
Plant & Pre-Rigid	15R-15	MFWD 190	44,990	150	8	0.108	1.90	2.47	1.83	0.40	6.61	4.42	3.13	14.16
Plant & Pre-Rigid	15R-20	MFWD 190	44,846	150	8	0.081	1.42	1.85	1.36	0.30	4.94	3.29	2.34	10.58
Plant & Pre-Rigid	16R30	MFWD 225	84,022	150	8	0.050	0.88	1.37	1.59	0.22	4.08	3.86	1.73	9.67
Plant & Pre-TwinRow	12R-30/40	MFWD 225	88,140	150	8	0.053	0.93	1.44	1.76	0.23	4.38	4.26	1.82	10.46
Plant - Folding	8R-38	MFWD 170	34,065	150	8	0.074	1.30	1.51	0.95	0.26	4.04	2.29	2.04	8.38
Plant - Folding	8R-38 2x1	MFWD 170	48,350	150	8	0.049	0.86	1.01	0.89	0.17	2.95	2.17	1.35	6.48
Plant - Folding	10R-30	MFWD 190	45,599	150	8	0.075	1.32	1.71	1.28	0.28	4.61	3.11	2.17	9.90
Plant - Folding	10R-38	MFWD 190	43,011	150	8	0.059	1.04	1.35	0.95	0.22	3.57	2.31	1.71	7.61
Plant - Folding	12R-20	MFWD 190	43,447	150	8	0.094	1.65	2.14	1.53	0.35	5.68	3.70	2.71	12.11
Plant - Folding	12R-30	MFWD 190	52,807	150	8	0.062	1.10	1.43	1.24	0.23	4.01	3.00	1.81	8.83
Plant - Folding	12R-38	MFWD 190	48,350	150	8	0.049	0.86	1.13	0.89	0.18	3.08	2.17	1.43	6.68
Plant - Folding	16R-30	MFWD 190	72,651	150	8	0.047	0.82	1.07	1.28	0.17	3.36	3.10	1.35	7.81
Plant - Folding	23R-15	MFWD 190	83,686	150	8	0.065	1.14	1.49	2.05	0.24	4.93	4.96	1.88	11.78
Plant - Folding	24R-15	MFWD 225	85,207	150	8	0.062	1.10	1.69	2.00	0.27	5.08	4.84	2.14	12.07
Plant - Folding	24R-20	MFWD 190	99,511	150	8	0.047	0.82	1.07	1.75	0.17	3.83	4.24	1.35	9.44
Plant - Folding	24R-30	MFWD 190	122,968	150	8	0.031	0.55	0.71	1.44	0.11	2.83	3.49	0.90	7.23
Plant - Folding	31R-15	MFWD 225	104,740	150	8	0.048	0.85	1.31	1.91	0.21	4.29	4.62	1.66	10.58
Plant - Folding	32R-15	MFWD 225	106,193	150	8	0.047	0.82	1.27	1.87	0.20	4.18	4.53	1.60	10.32
Plant - Folding	32R-30	MFWD 225	188,431	150	8	0.023	0.41	0.63	1.66	0.10	2.81	4.02	0.80	7.64
Plant - Folding	36R-20	MFWD 225	135,410	150	8	0.031	0.55	0.84	1.59	0.13	3.13	3.85	1.07	8.05
Plant - Folding	36R-30	MFWD 225	203,074	150	8	0.020	0.36	0.56	1.59	0.09	2.62	3.85	0.71	7.18
Plant - Rigid	4R-30	2WD 130	15,910	150	8	0.188	3.30	2.93	1.12	0.46	7.82	2.71	3.44	13.99
Plant - Rigid	4R-38	2WD 130	16,250	150	8	0.148	2.60	2.31	0.90	0.36	6.18	2.18	2.71	11.08
Plant - Rigid	6R-30	MFWD 150	22,037	150	8	0.125	2.20	2.26	1.03	0.39	5.90	2.50	2.98	11.39
Plant - Rigid	6R-38	MFWD 150	20,750	150	8	0.099	1.73	1.78	0.77	0.31	4.61	1.86	2.35	8.83
Plant - Rigid	8R-30	MFWD 170	25,691	150	8	0.094	1.65	1.92	0.90	0.33	4.81	2.19	2.58	9.59
Plant - Rigid	8R-38	MFWD 170	23,266	150	8	0.074	1.30	1.51	0.65	0.26	3.73	1.56	2.04	7.35
Plant - Rigid	10R-30	MFWD 190	25,965	150	8	0.075	1.32	1.71	0.73	0.28	4.05	1.77	2.17	8.00
Plant - Rigid	11R-15	MFWD 170	30,693	150	8	0.137	2.41	2.80	1.58	0.48	7.28	3.82	3.77	14.88
Plant - Rigid	11R-20	MFWD 170	27,370	150	8	0.103	1.80	2.10	1.05	0.36	5.32	2.55	2.82	10.70
Plant - Rigid	12R-20	MFWD 190	40,191	150	8	0.094	1.65	2.14	1.42	0.35	5.57	3.43	2.71	11.72
Plant - Rigid	12R-30	MFWD 190	42,452	150	8	0.062	1.10	1.43	1.00	0.23	3.76	2.41	1.81	7.99
Plant - Rigid	13R-18/20	MFWD 225	35,355	150	8	0.086	1.52	2.34	1.15	0.38	5.40	2.78	2.96	11.14
Plant - Rigid	13R-36/40	MFWD 225	30,475	150	8	0.045	0.80	1.24	0.52	0.20	2.77	1.26	1.56	5.61
Plant - Rigid	15R-15	2WD 150	39,268	150	8	0.094	1.65	1.69	1.38	0.25	4.99	3.35	1.90	10.25
Plant - Rigid	15R-20	MFWD 190	39,124	150	8	0.075	1.32	1.71	1.10	0.28	4.42	2.67	2.17	9.27
Plant - Rigid	16R-30	MFWD 225	78,299	150	8	0.047	0.82	1.27	1.38	0.20	3.69	3.34	1.60	8.63
Plant - TwinRow	12R-30/40	MFWD 225	82,418	150	8	0.049	0.86	1.33	1.53	0.21	3.96	3.70	1.69	9.35
Plant - TwinRow	8R-30/40	MFWD 225	63,081	150	8	0.074	1.30	2.01	1.76	0.32	5.40	4.25	2.54	12.20
Rice Grain Cart	500 Bu	MFWD 190	14,819	200	12	0.057	0.58	1.30	0.22	0.21	2.32	0.51	1.64	4.48
Rice Grain Cart	700 Bu	MFWD 190	21,566	200	12	0.063	0.64	1.44	0.37	0.23	2.70	0.82	1.83	5.35
Rip/Bed/Till Fold	8R-38	MFWD 190	24,184	300	20	0.073	0.74	1.66	0.08	0.27	2.77	0.58	2.10	5.46
Rip/Bed/Till Fold	12R-30	MFWD 225	35,615	300	20	0.061	0.62	1.66	0.10	0.27	2.67	0.72	2.10	5.50
Rip/Bed/Till Fold	12R-38	MFWD 225	35,615	300	20	0.046	0.47	1.24	0.08	0.20	2.00	0.54	1.57	4.12
Rip/Bed/Till Rigid	4R-30	MFWD 190	11,528	300	20	0.184	1.88	4.21	0.10	0.68	6.89	0.70	5.33	12.93
Rip/Bed/Till Rigid	4R-38	MFWD 190	11,528	300	20	0.146	1.49	3.34	0.08	0.54	5.47	0.56	4.23	10.26
Rip/Bed/Till Rigid	6R-38	MFWD 190	15,978	300	20	0.097	0.99	2.21	0.07	0.36	3.65	0.51	2.80	6.97
Rip/Bed/Till Rigid	8R-30	MFWD 190	20,992	300	20	0.139	1.41	3.16	0.14	0.51	5.25	0.96	4.00	10.22
Rip/Bed/Till Rigid	8R-38	MFWD 190	20,992	300	20	0.073	0.74	1.66	0.07	0.27	2.76	0.50	2.10	5.37
Rip/Bed/Till Rigid	6R-30	MFWD 190	15,978	300	20	0.123	1.25	2.80	0.09	0.45	4.62	0.65	3.55	8.83
Ripper Conditioner	4-Row	MFWD 225	11,470	150	12	0.160	1.64	4.34	0.66	0.70	7.36	1.48	5.48	14.33
Ripper Conditioner	6-Row	MFWD 225	14,430	150	12	0.107	1.09	2.90	0.56	0.47	5.03	1.24	3.66	9.95
Ripper Conditioner	8-Row	MFWD 225	17,205	150	12	0.080	0.82	2.17	0.50	0.35	3.86	1.11	2.75	7.73
Roller	32'-12R30	MFWD 170	15,223	100	12	0.046	0.47	0.95	0.11	0.16	1.71	0.85	1.27	3.84
Roller/Bed Shaper Fl	8R-38	MFWD 190	17,408	160	10	0.074	0.75	1.68	0.32	0.27	3.04	1.06	2.13	6.24
Roller/Bed Shaper Fl	12R-30	MFWD 225	18,923	160	10	0.062	0.63	1.68	0.29	0.27	2.89	0.97	2.13	6.00
Roller/Bed Shaper Fl	12R-38	MFWD 225	21,598	160	10	0.049	0.50	1.33	0.26	0.21	2.31	0.88	1.68	4.88
Roller/Bed Shaper Fl	16R-30	MFWD 225	21,655	160	10	0.046	0.47	1.26	0.25	0.20	2.20	0.83	1.59	4.64
Roller/Bed Shaper Rd	8R-38	MFWD 190	12,910	160	10	0.074	0.75	1.68	0.23	0.27	2.96	0.79	2.13	5.88
Rotary Cutter	7'	MFWD 130	3,661	185	10	0.168	1.71	2.62	0.49	0.46	5.30	0.44	3.45	9.19
Rotary Cutter	12'	2WD 150	8,336	185	10	0.098	1.00	1.76	0.66	0.26	3.69	0.58	1.98	6.27
Rotary Cutter-Flex	15'	MFWD 150	14,337	185	10	0.078	0.80	1.41	0.91	0.24	3.37	0.80	1.86	6.04
Rotary Cutter-Flex	20'	MFWD 150	21,159	185	10	0.058	0.60	1.06	1.01	0.18	2.85	0.89	1.39	5.15
Row Cond & Inc Fold.	26'	MFWD 190	19,209	100	10	0.068	0.95	1.57	0.33	0.25	3.11	1.75	1.98	6.85
Row Cond & Inc Fold.	38'	MFWD 225	22,309	100	10	0.047	0.65	1.27	0.26	0.20	2.39	1.39	1.61	5.40
Row Cond & Inc Rigid	13'	2WD 130	10,279	100	10	0.137	1.91	2.15	0.35	0.33	4.75	1.87	2.52	9.15

(continued)

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

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---		Total Direct	--Fixed--		Total Cost
									Imp.	P.U.		Imp.	P.U.	
			dollars	hours	years	hr/ac	-----\$/acre-----							
Row Cond & Inc Rigid	21'	2WD 170	12,957	100	10	0.085	1.18	1.74	0.27	0.24	3.44	1.46	1.91	6.82
Row Cond & Inc Rigid	26'	MFWD 190	14,723	100	10	0.028	0.40	0.65	0.10	0.10	1.27	0.56	0.83	2.67
Row Cond (Harrow)Fld	26'	MFWD 225	13,962	100	10	0.057	0.58	1.54	0.20	0.25	2.58	1.05	1.95	5.60
Row Cond (Harrow)Fld	38'	MFWD 225	16,587	100	10	0.039	0.40	1.06	0.16	0.17	1.79	0.86	1.34	4.00
Row Cond (Harrow)Rdg	13'	2WD 130	5,032	100	10	0.114	1.17	1.79	0.14	0.28	3.38	0.76	2.10	6.25
Row Cond (Harrow)Rdg	21'	2WD 170	7,710	100	10	0.071	0.72	1.44	0.13	0.20	2.51	0.72	1.59	4.83
Row Cond (Harrow)Rdg	26'	MFWD 190	9,476	100	10	0.057	0.58	1.30	0.13	0.21	2.24	0.71	1.65	4.62
Row Cond (Plant)Fld	26'	MFWD 225	13,962	100	10	0.057	0.58	1.54	0.20	0.25	2.58	1.05	1.95	5.60
Row Cond (Plant)Fld	38'	MFWD 225	16,587	100	10	0.053	0.54	1.45	0.22	0.23	2.46	1.17	1.83	5.47
Row Cond (Plant)Rdg	13'	2WD 130	5,032	100	10	0.157	1.60	2.45	0.19	0.38	4.63	1.04	2.87	8.55
Row Cond (Plant)Rdg	21'	2WD 170	7,710	100	10	0.097	0.99	1.98	0.18	0.28	3.44	0.99	2.18	6.61
Row Cond (Plant)Rdg	26'	MFWD 190	9,476	100	10	0.078	0.80	1.79	0.18	0.29	3.07	0.98	2.26	6.32
RT Cult (Early)	8R-30	2WD 170	22,538	200	12	0.103	1.05	2.10	1.11	0.29	4.56	1.43	2.31	8.31
RT Cult (Early)	12R-30	2WD 190	32,545	200	12	0.068	0.70	1.56	1.07	0.23	3.57	1.38	1.78	6.73
RT Cult (Late)	8R-30	2WD 170	22,538	200	12	0.128	1.31	2.62	1.39	0.37	5.71	1.79	2.88	10.39
RT Cult (Late)	12R-30	2WD 190	32,545	200	12	0.085	0.87	1.95	1.34	0.28	4.46	1.72	2.22	8.41
RT Cult + PD (Early)	8R-30	2WD 150	27,785	200	12	0.110	1.52	1.97	1.46	0.29	5.26	1.88	2.22	9.37
RT Cult + PD (Early)	12R-30	2WD 190	37,792	200	12	0.073	1.01	1.67	1.32	0.24	4.26	1.70	1.90	7.87
RT Cult + PD (Late)	8R-30	2WD 170	27,785	200	12	0.137	1.90	2.80	1.83	0.39	6.93	2.35	3.08	12.37
RT Cult + PD (Late)	12R-30	2WD 190	37,792	200	12	0.091	1.27	2.08	1.66	0.30	5.32	2.13	2.37	9.84
Spin Spreader	5 ton	MFWD 190	11,082	100	8	0.042	0.73	0.95	0.26	0.15	2.11	0.65	1.21	3.98
Spray (Band)	27' Fold	MFWD 170	5,247	200	8	0.062	0.86	1.27	0.15	0.22	2.52	0.23	1.71	4.47
Spray (Band)	40' Fold	MFWD 170	5,722	200	8	0.042	0.58	0.86	0.11	0.14	1.71	0.16	1.15	3.04
Spray (Band)	50' Fold	MFWD 170	5,622	200	8	0.033	0.46	0.69	0.08	0.11	1.36	0.13	0.92	2.42
Spray (Band)	53' Fold	MFWD 170	6,666	200	8	0.031	0.44	0.65	0.09	0.11	1.30	0.14	0.87	2.33
Spray (Band)	60' Fold	MFWD 170	7,794	200	8	0.028	0.39	0.57	0.10	0.09	1.16	0.15	0.77	2.09
Spray (Bcast/HB)	13' Rigid	MFWD 150	4,571	200	8	0.130	1.80	2.34	0.27	0.41	4.83	0.41	3.09	8.34
Spray (Bcast/HB)	20' Rigid	MFWD 150	5,378	200	8	0.084	1.17	1.52	0.21	0.26	3.17	0.31	2.00	5.50
Spray (Bcast/HB)	27' Fold	MFWD 170	9,220	200	8	0.062	0.86	1.27	0.27	0.22	2.63	0.40	1.71	4.76
Spray (Bcast/HB)	27' Rigid	MFWD 170	6,245	200	8	0.062	0.86	1.27	0.18	0.22	2.55	0.27	1.71	4.54
Spray (Bcast/HB)	30' Fold	MFWD 170	12,454	200	8	0.056	0.78	1.15	0.32	0.19	2.46	0.49	1.54	4.50
Spray (Bcast/HB)	40' Fold	MFWD 170	12,904	200	8	0.042	0.58	0.86	0.25	0.14	1.85	0.38	1.15	3.39
Spray (Bcast/HB/HD)	27'	MFWD 170	19,559	200	8	0.062	0.86	1.27	0.57	0.22	2.94	0.86	1.71	5.52
Spray (Bcast/HB/HD)	40'	MFWD 170	23,213	200	8	0.042	0.58	0.86	0.46	0.14	2.05	0.68	1.15	3.90
Spray (Broadcast)	27'	MFWD 170	5,247	200	8	0.062	0.86	1.27	0.15	0.22	2.52	0.23	1.71	4.47
Spray (Broadcast)	40'	MFWD 170	5,722	200	8	0.042	0.58	0.86	0.11	0.14	1.71	0.16	1.15	3.04
Spray (Broadcast)	50'	MFWD 170	5,622	200	8	0.033	0.46	0.69	0.08	0.11	1.36	0.13	0.92	2.42
Spray (Broadcast)	53'	MFWD 170	6,666	200	8	0.031	0.44	0.65	0.09	0.11	1.30	0.14	0.87	2.33
Spray (Broadcast)	60'	MFWD 170	7,794	200	8	0.028	0.39	0.57	0.10	0.09	1.16	0.15	0.77	2.09
Spray (Direct/Hood)	8R-30	MFWD 170	13,842	200	8	0.084	1.17	1.72	0.54	0.29	3.74	0.82	2.31	6.88
Spray (Direct/Hood)	8R-38	MFWD 170	14,981	200	8	0.066	0.92	1.36	0.46	0.23	2.99	0.70	1.83	5.53
Spray (Direct/Hood)	12R-30	MFWD 170	17,570	200	8	0.056	0.78	1.15	0.46	0.19	2.59	0.69	1.54	4.83
Spray (Direct/Hood)	12R-38	MFWD 170	18,014	200	8	0.044	0.61	0.90	0.37	0.15	2.05	0.56	1.22	3.84
Spray (Direct/Layby)	8R-30	MFWD 170	9,000	200	8	0.084	1.17	1.72	0.35	0.29	3.55	0.53	2.31	6.40
Spray (Direct/Layby)	8R-38	MFWD 170	10,283	200	8	0.066	0.92	1.36	0.32	0.23	2.85	0.48	1.83	5.16
Spray (Direct/Layby)	8R-38 2x1	MFWD 170	17,637	200	8	0.044	0.61	0.90	0.36	0.15	2.05	0.55	1.22	3.82
Spray (Direct/Layby)	10R-30	MFWD 170	10,371	200	8	0.067	0.93	1.38	0.32	0.23	2.88	0.49	1.85	5.23
Spray (Direct/Layby)	12R-30	MFWD 170	11,554	200	8	0.056	0.78	1.15	0.30	0.19	2.43	0.45	1.54	4.44
Spray (Direct/Layby)	12R-38	MFWD 170	17,637	200	8	0.044	0.61	0.90	0.36	0.15	2.05	0.55	1.22	3.82
Spray (Direct/Layby)	16R-20	MFWD 170	9,031	200	8	0.063	0.87	1.29	0.26	0.22	2.66	0.40	1.73	4.80
Spray (Spot)	27'	MFWD 170	5,247	200	8	0.062	0.86	1.27	0.15	0.22	2.52	0.23	1.71	4.47
Spray (Spot)	40'	MFWD 170	5,722	200	8	0.042	0.58	0.86	0.11	0.14	1.71	0.16	1.15	3.04
Spray (Spot)	50'	MFWD 170	5,622	200	8	0.033	0.46	0.69	0.08	0.11	1.36	0.13	0.92	2.42
Spray (Spot)	53'	MFWD 170	6,666	200	8	0.031	0.44	0.65	0.09	0.11	1.30	0.14	0.87	2.33
Spray (Spot)	60'	MFWD 170	7,794	200	8	0.028	0.39	0.57	0.10	0.09	1.16	0.15	0.77	2.09
Stalk Shredder	14'	MFWD 150	10,534	200	10	0.117	1.20	2.12	1.08	0.37	4.78	0.82	2.79	8.40
Stalk Shredder	20'	MFWD 150	24,437	200	10	0.082	0.84	1.48	1.76	0.26	4.35	1.33	1.95	7.64
Stalk Shredder-Flail	12'	MFWD 150	12,844	200	10	0.137	1.40	2.47	1.54	0.43	5.85	1.16	3.26	10.29
Stalk Shredder-Flail	15'	MFWD 150	14,841	200	10	0.110	1.12	1.97	1.42	0.34	4.87	1.07	2.61	8.57
Stalk Shredder-Flail	18'	MFWD 150	18,870	200	10	0.091	0.93	1.64	1.51	0.29	4.38	1.14	2.17	7.70
Stalk Shredder-Flail	20'	MFWD 150	19,244	200	10	0.082	0.84	1.48	1.38	0.26	3.97	1.04	1.95	6.98
Stalk Shredder-Flail	25'	MFWD 150	22,890	200	10	0.066	0.67	1.18	1.32	0.20	3.39	0.99	1.56	5.95
Subsoiler	3 shank	MFWD 190	4,200	100	15	0.204	2.08	4.65	0.28	0.76	7.79	0.94	5.89	14.62
Subsoiler	4 shank	MFWD 225	5,519	100	15	0.153	1.56	4.14	0.28	0.67	6.67	0.93	5.24	12.84
Subsoiler	5 shank	MFWD 225	6,342	100	15	0.122	1.24	3.30	0.25	0.53	5.34	0.85	4.17	10.37
Subsoiler low-till	4 shank	MFWD 225	8,969	100	15	0.153	1.56	4.14	0.45	0.67	6.85	1.51	5.24	13.60
Subsoiler low-till	6 shank	MFWD 225	12,263	100	15	0.102	1.04	2.75	0.41	0.45	4.66	1.37	3.48	9.53
Subsoiler low-till	8 shank	MFWD 225	16,124	100	15	0.076	0.78	2.06	0.41	0.33	3.59	1.35	2.61	7.56
TerraTill Bed w/roll	4R-30	MFWD 225	11,755	150	12	0.204	2.08	5.51	0.86	0.90	9.36	1.93	6.97	18.27
TerraTill Bed w/roll	4R-38	MFWD 225	11,755	150	12	0.160	1.64	4.34	0.68	0.70	7.37	1.52	5.48	14.38
TerraTill Bed w/roll	6R-30	MFWD 225	15,310	150	12	0.136	1.39	3.67	0.75	0.60	6.42	1.67	4.64	12.74
TerraTill Bed w/roll	6R-38	MFWD 225	15,310	150	12	0.107	1.09	2.90	0.59	0.47	5.06	1.32	3.66	10.06

Notes:

Labor: Includes labor from Power unit plus additional labor from the implement.

Total Direct: Does not include interest on operating capital.

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

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

(continued)

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	19.50	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.

Appendix Table 8. Estimated costs for field operations, per acre
 Additional practices for irrigated cotton
 160-acre roll-out pipe system, 10.5 ac-in., Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----						FIXED COST	TOTAL COST	
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER			
-----dollars-----										
Land Plane	50'x16'		0.86	0.19	0.39		0.01	1.45	1.27	2.72
Disk Bed (Hipper)Rdg	8R-38		0.42	0.14	0.19		0.04	0.79	0.75	1.54
UAN (32% N)	cwt	3.60					0.18	3.78		3.78
Set Up Engine										
IRRIGATE LABOR	hour				0.18		0.01	0.19		0.19
Ditcher (1m/160a)			0.15	0.04	0.10		0.01	0.30	0.20	0.50
UAN (32% N)	cwt	3.60					0.13	3.73		3.73
Roll-Out Pipe	ft	6.60					0.24	6.84		6.84
Lay Roll-out Pipe										
Pipe Spool 160ac	1/4m roll		0.19	0.05	0.31		0.02	0.57	0.57	1.14
IRRIGATE LABOR	hour				1.46		0.05	1.51		1.51
Apply Water										
IRRIGATE LABOR	hour				0.18		0.01	0.19		0.19
Sprayer(600-750Gal)	60'		0.42	0.13	0.24		0.03	0.82	1.04	1.86
Caparol 4L	pt	3.99					0.15	4.14		4.14
MSMA 6.6	pt	5.53					0.20	5.73		5.73
App by Air (3 gal)	appl	3.50					0.13	3.63		3.63
Mepiquat Chloride	oz	3.76					0.14	3.90		3.90
Apply Water										
IRRIGATE LABOR	hour				0.18		0.01	0.19		0.19
App by Air (3 gal)	appl	1.75					0.05	1.80		1.80
Incidental Pest Trt	acre	6.00					0.18	6.18		6.18
Apply Water										
IRRIGATE LABOR	hour				0.18			0.18		0.18
Pick Up Pipe										
Pipe Spool 160ac	1/4m roll		0.29	0.09	0.46		0.01	0.85	0.85	1.70
Land Forming (\$300)	each								29.31	29.31
Well & Pump, Furrow	each			2.03			0.07	2.10	8.24	10.34
Main Line Pipe	each								5.80	5.80
Engine, RPF, 75	each								6.60	6.60
June Irrigation	ac-in		6.64	0.78			0.27	7.69		7.69
July Irrigation	ac-in		6.64	0.78			0.22	7.64		7.64
August Irrigation	ac-in		6.64	0.78			0.16	7.58		7.58
TOTALS		38.33	22.25	5.01	3.87	0.00	2.32	71.78	54.63	126.41

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

Appendix Table 9. Estimated costs for field operations, per acre
 Additional practices for irrigated cotton
 135-acre 1/4-mile pivot system, 7.5 ac-in., Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST	
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL			
-----dollars-----											
UAN (32% N)	cwt	3.60						0.18	3.78		3.78
Set Up Engine											
IRRIGATE LABOR	hour				0.22			0.01	0.23		0.23
Maintenance											
IRRIGATE LABOR	hour				0.87			0.04	0.91		0.91
UAN (32% N)	cwt	3.60						0.13	3.73		3.73
Apply Water											
IRRIGATE LABOR	hour				0.12				0.12		0.12
Sprayer(600-750Gal)	60'		0.42	0.13	0.24			0.03	0.82	1.04	1.86
Caparol 4L	pt	3.99						0.15	4.14		4.14
MSMA 6.6	pt	5.53						0.20	5.73		5.73
App by Air (3 gal)	appl	3.50						0.13	3.63		3.63
Mepiquat Chloride	oz	3.76						0.14	3.90		3.90
Apply Water											
IRRIGATE LABOR	hour				0.16				0.16		0.16
App by Air (3 gal)	appl	1.75						0.05	1.80		1.80
Incidental Pest Trt	acre	6.00						0.18	6.18		6.18
Apply Water											
IRRIGATE LABOR	hour				0.12				0.12		0.12
Pivot, 1/4 CP	each			8.15				0.30	8.45	43.05	51.50
Well & Pump, 1/4 CP	each			2.40				0.09	2.49	9.77	12.26
Engine, 1/4 CP, 65	each									7.04	7.04
June Irr. 3app@.75"	ac-in		7.83	0.75				0.31	8.89		8.89
July Irr. 4app@.75"	ac-in		10.44	1.00				0.33	11.77		11.77
Aug Irr. 3app@.75"	ac-in		7.83	0.75				0.19	8.77		8.77
TOTALS		31.73	26.52	13.18	1.73	0.00	2.46	75.62	60.90		136.52

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

Appendix Table 10. Estimated costs for field operations, per acre
 Early soybeans irrigated with roll-out pipe
 160-acre system, 9 ac-in., Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST	
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL			
-----dollars-----											
Land Plane	50'x16'		0.86	0.19	0.39			0.13	1.57	1.27	2.84
Set Up Engine											
IRRIGATE LABOR	hour				0.18			0.01	0.19		0.19
Ditcher (1m/160a)			0.15	0.04	0.10			0.01	0.30	0.20	0.50
Roll-Out Pipe	ft	6.60						0.19	6.79		6.79
Lay Roll-out Pipe											
Pipe Spool 160ac	1/4m roll		0.19	0.05	0.31			0.02	0.57	0.57	1.14
IRRIGATE LABOR	hour				1.46			0.04	1.50		1.50
Apply Water											
IRRIGATE LABOR	hour				0.18			0.01	0.19		0.19
Apply Water											
IRRIGATE LABOR	hour				0.18			0.01	0.19		0.19
Apply Water											
IRRIGATE LABOR	hour				0.18				0.18		0.18
Pick Up Pipe											
Pipe Spool 160ac	1/4m roll		0.29	0.09	0.46			0.01	0.85	0.85	1.70
Land Forming (\$300)	each									29.31	29.31
Well & Pump, Furrow	each			2.03				0.06	2.09	8.24	10.33
Main Line Pipe	each									5.80	5.80
Engine, RPF, ESB	each									6.60	6.60
1st June Irrigation	ac-in		5.69	0.78				0.19	6.66		6.66
2nd June Irrigation	ac-in		5.69	0.78				0.19	6.66		6.66
July Irrigation	ac-in		5.69	0.78				0.14	6.61		6.61
TOTALS		6.60	18.56	4.74	3.44	0.00		1.01	34.35	52.84	87.19

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

Appendix Table 11. Estimated costs for field operations, per acre
 Irrigation with a contour flood system
 80-acre system, 13.5 ac-in., Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST	
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL			
-----dollars-----											
Set Up Engine											
IRRIGATE LABOR	hour				0.37			0.02	0.39	0.39	
Build Outside Levee											
Levee Pull (1m/80a)	8 blade		0.33	0.08	0.16			0.02	0.59	1.15	
Survey & Mark Levees	acre	2.00						0.07	2.07	2.07	
Build Inside Levees											
Levee Pull (1m/80a)	8 blade		0.44	0.10	0.22			0.03	0.79	1.54	
Butt Levees											
Blade-Box	6'-7'		0.31	0.06	0.20			0.02	0.59	0.97	
IRRIGATE LABOR	hour				0.55			0.02	0.57	0.57	
Apply Water											
IRRIGATE LABOR	hour				0.09				0.09	0.09	
Tear Down Levees											
Levee Splitter (1/80)	8 blade		0.30	0.07	0.17			0.02	0.56	1.02	
Build Inside Levees											
Levee Pull (1m/80a)	8 blade		0.44	0.10	0.22			0.02	0.78	1.53	
Butt Levees											
Blade-Box	6'-7'		0.31	0.06	0.20			0.02	0.59	0.97	
IRRIGATE LABOR	hour				0.55			0.02	0.57	0.57	
Apply Water											
IRRIGATE LABOR	hour				0.09				0.09	0.09	
Tear Down Levees											
Levee Splitter (1/80)	8 blade		0.30	0.07	0.17			0.02	0.56	1.02	
Build Inside Levees											
Levee Pull (1m/80a)	8 blade		0.44	0.10	0.22			0.02	0.78	1.53	
Butt Levees											
Blade-Box	6'-7'		0.31	0.06	0.20			0.01	0.58	0.96	
IRRIGATE LABOR	hour				0.55			0.01	0.56	0.56	
Apply Water											
IRRIGATE LABOR	hour				0.09				0.09	0.09	
Tear Down Levees											
Levee Splitter (1/80)	8 blade		0.30	0.07	0.17			0.01	0.55	1.01	
Tear Down Levees											
Levee Splitter (1/80)	8 blade		0.22	0.04	0.13			0.01	0.40	0.74	
Land Forming (\$75)	each								7.33	7.33	
Well & Pump, Flood	each			4.05				0.15	4.20	20.69	
Engine, CF, 75	each								13.21	13.21	
June Irrigation	ac-in		8.54	1.56				0.37	10.47	10.47	
July Irrigation	ac-in		8.54	1.56				0.29	10.39	10.39	
August Irrigation	ac-in		8.54	1.56				0.22	10.32	10.32	
TOTALS			2.00	29.32	9.54	4.35	0.00	1.37	46.58	42.70	89.28

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

Appendix Table 12. Estimated costs for field operations, per acre
 Irrigation with a 1/2-mile center pivot system
 530-acre system, 7.5 ac-in., Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----						FIXED COST	TOTAL COST
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER		
-----dollars-----									
Set Up Engine									
IRRIGATE LABOR	hour				0.06			0.06	0.06
Maintenance									
IRRIGATE LABOR	hour				0.22		0.01	0.23	0.23
Apply Water									
IRRIGATE LABOR	hour				0.03			0.03	0.03
Apply Water									
IRRIGATE LABOR	hour				0.04			0.04	0.04
Apply Water									
IRRIGATE LABOR	hour				0.03			0.03	0.03
Pivot, 1/2 CP	each			4.91			0.18	5.09	25.96
Well & Pump, 1/2 CP	each			0.82			0.03	0.85	3.32
Engine, 1/2 CP, 225	each								3.79
June Irr. 3app@.75"	ac-in		9.79	0.40			0.37	10.56	10.56
July Irr. 4app@.75"	ac-in		13.05	0.54			0.40	13.99	13.99
Aug Irr. 3app@.75"	ac-in		9.79	0.40			0.22	10.41	10.41
TOTALS		0.00	32.63	7.07	0.38	0.00	1.21	41.29	33.07

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

Appendix Table 13. Estimated costs for field operations, per acre
 Corn irrigated with roll-out pipe
 160-acre system, 13 ac-in., Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST	
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL			
-----dollars-----											
Land Plane	50'x16'		0.86	0.19	0.39			0.13	1.57	1.27	2.84
Set Up Engine											
IRRIGATE LABOR	hour				0.18			0.01	0.19		0.19
Ditcher (1m/160a)			0.15	0.04	0.10			0.01	0.30	0.20	0.50
Roll-Out Pipe	ft	6.60						0.19	6.79		6.79
Lay Roll-out Pipe											
Pipe Spool 160ac	1/4m roll		0.19	0.05	0.31			0.02	0.57	0.57	1.14
IRRIGATE LABOR	hour				1.46			0.04	1.50		1.50
Apply Water											
IRRIGATE LABOR	hour				0.18			0.01	0.19		0.19
Apply Water											
IRRIGATE LABOR	hour				0.18			0.01	0.19		0.19
Apply Water											
IRRIGATE LABOR	hour				0.18			0.01	0.19		0.19
Apply Water											
IRRIGATE LABOR	hour				0.18				0.18		0.18
Pick Up Pipe											
Pipe Spool 160ac	1/4m roll		0.29	0.09	0.46			0.01	0.85	0.85	1.70
Land Forming (\$75)	each									7.33	7.33
Well & Pump, Furrow	each			2.03				0.06	2.09	8.24	10.33
Main Line Pipe	each									5.80	5.80
Engine, RPF, Corn	each									6.60	6.60
1st June Irrigation	ac-in		6.17	0.59				0.20	6.96		6.96
2nd June Irrigation	ac-in		6.17	0.59				0.20	6.96		6.96
3rd June Irrigation	ac-in		6.17	0.59				0.20	6.96		6.96
1st July Irrigation	ac-in		6.17	0.59				0.15	6.91		6.91
TOTALS		6.60	26.17	4.76	3.62	0.00		1.25	42.40	30.86	73.26

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

Appendix Table 14. Estimated costs for field operations, per acre
 Contour levee rice flood irrigation system
 80-acre system, 33 ac-in., Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL		
-----dollars-----										
Set Up Engine										
IRRIGATE LABOR	hour				0.37			0.02	0.39	0.39
Build Outside Levee										
Levee Pull (1m/80a)	8 blade		0.33	0.08	0.16			0.02	0.59	0.56 1.15
Survey & Mark Levees	acre	4.00						0.18	4.18	4.18
Build Inside Levees										
Levee Pull (1m/80a)	8 blade		0.87	0.20	0.44			0.07	1.58	1.49 3.07
Butt Levees										
Blade-Box	6'-7'		0.31	0.06	0.20			0.02	0.59	0.38 0.97
IRRIGATE LABOR	hour				0.55			0.02	0.57	0.57
Install Gates										
IRRIGATE LABOR	hour				2.19			0.10	2.29	2.29
Apply Water										
IRRIGATE LABOR	hour				5.48			0.24	5.72	5.72
Apply Water										
IRRIGATE LABOR	hour				5.48			0.20	5.68	5.68
Apply Water										
IRRIGATE LABOR	hour				5.48			0.16	5.64	5.64
Apply Water										
IRRIGATE LABOR	hour				5.48			0.12	5.60	5.60
Remove Gates										
IRRIGATE LABOR	hour				0.73			0.01	0.74	0.74
Tear Down Levees										
Levee Splitter (1/80)	8 blade		0.60	0.13	0.34			0.02	1.09	0.93 2.02
Tear Down Levees										
Levee Splitter (1/80)	8 blade		0.22	0.04	0.13			0.01	0.40	0.34 0.74
Land Forming (\$75)	each									7.33 7.33
Levee Gates	each									0.47 0.47
Well & Pump, Flood	each			4.05				0.15	4.20	16.49 20.69
Engine, Rice CL, 75	each									13.21 13.21
May Irrigation	ac-in		11.39	0.85				0.54	12.78	12.78
June Irrigation	ac-in		17.08	1.28				0.67	19.03	19.03
July Irrigation	ac-in		17.08	1.28				0.54	18.90	18.90
August Irrigation	ac-in		17.08	1.28				0.40	18.76	18.76
TOTALS		4.00	64.96	9.25	27.03	0.00		3.49	108.73	41.20 149.93

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

Appendix Table 15. Estimated costs for field operations, per acre
 Straight levee rice flood irrigation system
 80-acre system, 27 ac-in., Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL		
-----dollars-----										
Set Up Engine										
IRRIGATE LABOR	hour				0.37			0.02	0.39	0.39
Survey & Mark Levees	acre	2.00						0.09	2.09	2.09
Build Inside Levees										
Levee Pull (1m/80a)	8 blade		0.66	0.15	0.33			0.05	1.19	1.12 2.31
Butt Levees										
Blade-Box	6'-7'		0.31	0.06	0.20			0.02	0.59	0.38 0.97
IRRIGATE LABOR	hour				0.55			0.02	0.57	0.57
Install Gates										
IRRIGATE LABOR	hour				1.10			0.05	1.15	1.15
Apply Water										
IRRIGATE LABOR	hour				3.66			0.16	3.82	3.82
Apply Water										
IRRIGATE LABOR	hour				3.66			0.13	3.79	3.79
Apply Water										
IRRIGATE LABOR	hour				3.66			0.11	3.77	3.77
Apply Water										
IRRIGATE LABOR	hour				3.66			0.08	3.74	3.74
Remove Gates										
IRRIGATE LABOR	hour				0.73			0.01	0.74	0.74
Tear Down Levees										
Levee Splitter (1/80	8 blade		0.45	0.10	0.26			0.01	0.82	0.70 1.52
Land Forming (\$300)	each									29.31 29.31
Levee Gates	each									0.47 0.47
Well & Pump, Flood	each			4.05				0.15	4.20	16.49 20.69
Engine, Rice SL, 75	each									13.21 13.21
May Irrigation	ac-in		11.39	1.04				0.54	12.97	12.97
June Irrigation	ac-in		13.29	1.22				0.53	15.04	15.04
July Irrigation	ac-in		13.29	1.22				0.42	14.93	14.93
August Irrigation	ac-in		13.29	1.22				0.32	14.83	14.83
TOTALS		2.00	52.68	9.06	18.18	0.00	2.71	84.63	61.68	146.31

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

Appendix Table 16. Estimated costs for field operations, per acre
 Straight levee rice multi inlet flood irrigation system
 80-acre system, 23 ac-in., Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL		
-----dollars-----										
Set Up Engine										
IRRIGATE LABOR	hour				0.37			0.02	0.39	0.39
Survey & Mark Levees	acre	2.00						0.09	2.09	2.09
Build Inside Levees										
Levee Pull (1m/80a)	8 blade		0.66	0.15	0.33			0.05	1.19	1.12 2.31
Butt Levees										
Blade-Box	6'-7'		0.31	0.06	0.20			0.02	0.59	0.38 0.97
IRRIGATE LABOR	hour				0.55			0.02	0.57	0.57
Ditcher (1m/160a)			0.15	0.04	0.10			0.01	0.30	0.20 0.50
Roll-Out Pipe	ft	6.60						0.29	6.89	6.89
Lay Roll-out Pipe										
Pipe Spool 160ac	1/4m roll		0.19	0.05	0.31			0.02	0.57	0.57 1.14
Install Gates										
IRRIGATE LABOR	hour				1.10			0.05	1.15	1.15
Apply Water										
IRRIGATE LABOR	hour				1.46			0.06	1.52	1.52
Apply Water										
IRRIGATE LABOR	hour				1.46			0.05	1.51	1.51
Apply Water										
IRRIGATE LABOR	hour				1.46			0.04	1.50	1.50
Apply Water										
IRRIGATE LABOR	hour				1.46			0.03	1.49	1.49
Remove Gates										
IRRIGATE LABOR	hour				0.37			0.01	0.38	0.38
Tear Down Levees										
Levee Splitter (1/80)	8 blade		0.45	0.10	0.26			0.01	0.82	0.70 1.52
Pick Up Pipe										
Pipe Spool 160ac	1/4m roll		0.10	0.03	0.15				0.28	0.28 0.56
Land Forming (\$300)	each									29.31 29.31
Levee Gates	each									0.23 0.23
Well & Pump, Flood	each			4.05				0.15	4.20	16.49 20.69
Engine, Mult In Rice	each									13.21 13.21
May Irrigation	ac-in		9.49	0.98				0.46	10.93	10.93
June Irrigation	ac-in		11.39	1.17				0.46	13.02	13.02
July Irrigation	ac-in		11.39	1.17				0.37	12.93	12.93
August Irrigation	ac-in		11.39	1.17				0.27	12.83	12.83
TOTALS		8.60	45.52	8.97	9.58	0.00	2.48	75.15	62.49	137.64

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

Appendix Table 17. Estimated costs for field operations, per acre
 Straight levee rice - zero grade flood irrigation system
 80-acre system, 19 ac-in., Delta Area, Mississippi, 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL		
-----dollars-----										
Set Up Engine										
IRRIGATE LABOR	hour				0.37			0.02	0.39	0.39
Apply Water										
IRRIGATE LABOR	hour				1.83			0.08	1.91	1.91
Apply Water										
IRRIGATE LABOR	hour				1.83			0.07	1.90	1.90
Apply Water										
IRRIGATE LABOR	hour				1.83			0.05	1.88	1.88
Apply Water										
IRRIGATE LABOR	hour				1.83			0.04	1.87	1.87
Land Forming (\$300)	each								29.31	29.31
Well & Pump, Flood	each			4.05				0.15	4.20	16.49
Engine, Rice SL, 75	each									13.21
May Irrigation	ac-in		7.59	0.69				0.36	8.64	8.64
June Irrigation	ac-in		9.49	0.87				0.38	10.74	10.74
July Irrigation	ac-in		9.49	0.87				0.30	10.66	10.66
August Irrigation	ac-in		9.49	0.87				0.23	10.59	10.59
TOTALS		0.00	36.06	7.35	7.69	0.00	1.68	52.78	59.01	111.79

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

Literature Cited

1. Agricultural Engineers Yearbook of Standards. American Society of Agricultural Engineers, St. Joseph, Michigan.
2. Boehlje, M.D. and V.R. Eidman. *Farm Management*. New York: John Wiley and Sons, 1984.
3. Bolton, Bill, J.B. Penn, Fred T. Cooke Jr., and Arthur M. Heagler. "Days Suitable for Fieldwork, Mississippi River Delta Cotton Area." D.A.E. Research Report No. 384, Louisiana State University, November 1968."
4. Budgets for Major Farm Enterprises in the Mississippi River Delta of Arkansas, Louisiana, and Mississippi." D.A.E. Circular No. 281, Department of Agricultural Economics and Agribusiness, Agricultural Experiment Station, Louisiana State University, June 1961
5. Caillavet, DeWitt F. "An Economic Assessment of Production Alternatives Resulting From Changes in the Machinery Complement of Representative Farms in the Delta Area of Mississippi." Master of Science Thesis, Department of Agricultural Economics, Mississippi State University, May 1984.
6. Cooke, Fred T. Jr., J.M. Anderson, and Arthur M. Heagler. "Crop Budgets and Planning Data for Major Farm Enterprises in the Yazoo-Mississippi Delta." Mississippi Agricultural and Forestry Experiment Station Bulletin 794, July 1972.
7. Cooke, Fred T. Jr., J.M. Anderson, D.W. Parvin Jr., A.M. Heagler, Kenneth Paxton, Shelby Holders Jr., and James G. Hamill. "Crop Budgets and Planning Data for Major Farm Enterprises in the Mississippi-Louisiana Delta, 1975." Mississippi Agricultural and Forestry Experiment Station Bulletin 834, May 1975.
8. "Corn, Grain Sorghum & Wheat 2007 Planning Budgets." Budget Report No. 2006-03, Department of Agricultural Economics, Mississippi State University, December 2006.
9. "Costs of Producing Selected Crops in the U.S., 1974." Senate Committee Project No. 63-092, Committee on Agriculture and Forestry, U.S. Senate, January 8, 1976.
10. "Cotton 2007 Planning Budgets." Budget Report No. 2006-01, Department of Agricultural Economics, Mississippi State University, December 2006.
11. Cox, Laura Rebecca. "Overhead Labor Cost in the Delta Area of Mississippi." Master of Science Thesis, Department of Agricultural Economics, Mississippi State University, October 1982.
12. "Forage 2007 Planning Budgets." Budget Report No. 2006-10, Department of Agricultural Economics, Mississippi State University, June 2007.
13. Laughlin, David H. and Robert K. Mehrle. "An Economic Evaluation: Straight Versus Contour Levee Rice Production Practices in Mississippi." Mississippi Agricultural and Forestry Experiment Station Bulletin 1063. December 1996.
14. Laughlin, David H. and Stan Spurlock. "User's Guide for the Mississippi State Budget Generator Version 6.0 for Windows." AEC Staff Report No. 2003-01, Department of Agricultural Economics, Mississippi State University, March 2003.
15. "Mississippi Agricultural Statistics." Mississippi Department of Agriculture and Commerce and Department of Agriculture, Mississippi Agriculture Statistical Service, Jackson, Mississippi.
16. "Rice 2007 Planning Budgets." Budget Report No. 2006-04, Department of Agricultural Economics, Mississippi State University, December 2006.
17. "Soybeans 2007 Planning Budgets." Budget Report No. 2006-02, Department of Agricultural Economics, Mississippi State University, December 2006.
18. "Vegetables 2007 Planning Budgets." Budget Report No. 2006-08, Department of Agricultural Economics, Mississippi State University, December 2006.
19. "Peanuts 2007 Planning Budgets." Budget Report No. 2006-09, Department of Agricultural Economics, Mississippi State University, December 2006.



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