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**PROJECTED COSTS AND RETURNS - COTTON, SOYBEANS, CORN,
MILO AND WHEAT, NORTHEAST LOUISIANA, 2001**

by

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TABLE OF CONTENTS

	PAGE
INTRODUCTION	D-1
ENTERPRISE BUDGETS	D-1
Cotton Budgets	D-2
Soybean Budgets	D-3
Corn, Milo, and Wheat Budgets	D-3
SUMMARY	D-3

LIST OF TABLES

	TABLE		PAGE
1	Estimated Annual Costs, Representative Poly Pipe Furrow Irrigation System, Northeast Louisiana, 2001		D-5
2	Estimated Annual Costs, Representative Center Pivot Irrigation System, Northeast Louisiana, 2001		D-6
3	A Summary of Projected Costs and Returns Per Acre for Cotton Production, Alluvial Soil and Macon Ridge Areas, Louisiana, 2001		D-7
4	Breakeven Selling Prices for Cotton for Selected Yield Levels, Alluvial Soil and Macon Ridge Areas, 2001		D-7
5	A Summary of Projected Costs and Returns Per Acre for Soybean Production, Alluvial Soil and Macon Ridge Areas, Louisiana, 2001		D-8
6	Breakeven Selling Prices for Soybeans for Selected Yield Levels, Alluvial Soil and Macon Ridge Areas, 2001		D-8
7	A Summary of Projected Costs and Returns Per Acre for Corn, Milo, and Wheat Production, Alluvial Soil Areas, Louisiana, 2001		D-9
8	Breakeven Selling Prices for Corn, Milo and Wheat for Selected Yield Levels, Alluvial Soil Areas, Louisiana, 2001		D-9

TABLE (CONTINUED)	PAGE
9A-9B	Summary of Estimated Costs and Returns per Acre, Cotton, Sandy Soil, 8-row Equipment, Solid Planted, Owner-Operators, Alluvial Soils, Northeast Louisiana, 2001 D-10-D-11
10A-10B	Summary of Estimated Costs and Returns per Acre, Cotton, Sandy Soil, 8-row Equipment, Solid Planted, Tenant-Operators, Alluvial Soils, Northeast Louisiana, 2001 D-12-D-13
11A-11B	Summary of Estimated Costs and Returns, per Acre, Cotton, Clay Soil, 8-row Equipment, Reduced Tillage, Owner-Operators, Alluvial Soils, Northeast Louisiana, 2001 D-14-D-15
12A-12B	Summary of Estimated Costs and Returns per Acre, Bt Cotton, Sandy Soil, 8-row Equipment, Solid Planted, Owner-Operators, Northeast Louisiana, 2001 D-16-D-17
13A-13B	Summary of Estimated Costs and Returns per Acre, Stacked Gene Cotton, Sandy Soil, 8-row Equipment, Solid Planted, Owner-Operators, Northeast Louisiana, 2001 D-18-D-19
14A-14B	Summary of Estimated Costs and Returns per Acre, Cotton, Silty Soil, 8-row Equipment, Solid Planted, Owner-Operators, Macon Ridge Area, Louisiana, 2001 D-20-D-21
15A-15B	Summary of Estimated Costs and Returns per Acre, Cotton, Silty Soil, 8-row Equipment, Solid Planted, Tenant-Operators, Macon Ridge Area, Louisiana, 2001 D-22-D-23
16A-16B	Summary of Estimated Costs and Returns per Acre, Cotton, Silty Soil, 6-row Equipment, Reduced Tillage Solid Planted, Owner-Operators, Macon Ridge Area, Louisiana, 2001 D-24-D-25
17A-17B	Summary of Estimated Costs and Returns per Acre, Cotton, Poly Pipe Irrigated, Silty Soil, 8-row Equipment, Solid Planted, Owner-Operators, Macon Ridge Area, Louisiana, 2001 D-26-D-27
18A-18B	Summary of Estimated Costs and Returns per Acre, Soybeans, Sandy Soil, 8-row Equipment, (38 inch rows), Owner-Operators, Alluvial Soils, Northeast Louisiana, 2001 D-28-D-29
19A-19B	Summary of Estimated Costs and Returns per Acre, Soybeans, Clay Soil, 8-row Equipment, (38 inch rows), Owner-Operators, Alluvial Soils, Northeast Louisiana, 2001 D-30-D-31
20A-20B	Summary of Estimated Costs and Returns per Acre, Soybeans, Stale Seedbed, 8-row Equipment, (38 inch rows), Tenant-Operators, Alluvial Soils, Northeast Louisiana, 2001 D-32-D-33

(TABLE) CONTINUED

21A-21B	Summary of Estimated Costs and Returns per Acre, Soybeans, Drill Planted, 8-row Equipment, Owner-Operators, Alluvial Soils, Northeast Louisiana, 2001	D-34-D-35
22A-22B	Summary of Estimated Costs and Returns per Acre, Roundup Ready® Soybeans, 8-row Equipment, Owner-Operators, Alluvial Soils, Northeast Louisiana, 2001	D-36-D-37
23A-23B	Summary of Estimated Costs and Returns per Acre, Soybeans, Silty Soil, 8-row Equipment, (38 inch rows), Owner-Operators, Macon Ridge Area, Louisiana, 2001	D-38-D-39
24A-24B	Summary of Estimated Costs and Returns per Acre, Soybeans, Silty Soil, 8-row Equipment, (38 inch rows), Tenant-Operators, Macon Ridge Area, Louisiana, 2001	D-40-D-41
25A-25B	Summary of Estimated Costs and Returns per Acre, Corn, Sandy Soil, 8-row Equipment, (38 inch rows), Owner-Operators, Alluvial Soils, Northeast Louisiana, 2001	D-42-D-43
26A-26B	Summary of Estimated Costs and Returns per Acre, Milo, 8-row Equipment, (38 inch rows), Owner-Operators, Alluvial Soil and Macon Ridge Areas, Louisiana, 2001	D-44-D-45
27A-27B	Summary of Estimated Costs and Returns per Acre, Wheat, 8-row Equipment, Drill Planted, Owner-Operators, Alluvial Soils, Northeast Louisiana, 2001	D-46-D-47
28A-28B	Summary of Estimated Costs and Returns per Acre, Wheat and Soybeans, (double crop), 8-row Equipment, Owner-Operators, Alluvial Soils, Northeast Louisiana, 2001	D-48-D-49

APPENDIX TABLES

		PAGE
1	Tractors: estimated useful life, annual use, purchase price, repair cost, fuel consumption rate, and direct and fixed cost per hour Louisiana, 2001. .	D-50
2	Self-propelled machines: estimated performance rate, useful life, annual use, purchase price, repair cost, fuel consumption rate, and direct and fixed cost per hour and per acre Louisiana, 2001.	D-50
3	Implements: estimated performance rate, useful life, annual use, purchase price, repair cost, and direct and fixed cost per hour and per acre Louisiana, 2001.	D-51
4	Operating inputs: estimated prices Louisiana, 2001.	D-52
5	Estimated costs and returns per acre. Overhead Costs, Owner-operator, Louisiana 2001.	D-53
6	Estimated costs and returns per acre. Overhead Costs, Tenant-operator, Louisiana 2001.	D-54

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INTRODUCTION

As indicated in the introduction to this report, basic data for the budgets is updated periodically utilizing information collected in producer surveys. A detailed survey of farmers in the Macon Ridge area was conducted during the summer of 1990. A similar survey of farmers in the remainder of northeast Louisiana was conducted in 1991. In 1995 a state-wide survey of production practices for cotton was conducted. Data from all these sources as well as the annual survey of input suppliers was used to develop budgets in this publication.

ENTERPRISE BUDGETS

The enterprise budgets for owner-operators and tenant-operators are presented in two formats. One format is a summary of costs and returns for the enterprise. This format presents costs by broad categories such as herbicides, insecticides, etc. The other format presents a detailed listing of the operations, the equipment size and the associated power unit along with the date performed and the associated costs for tractor, machinery and materials. Together these formats provide the detailed information necessary to adjust budgets to individual situations. In addition, the appendix to this report contains detailed cost estimates for an extensive list of equipment, irrigation systems, and operating inputs. These may also be used to modify budgets contained in this report or construct new enterprise budgets.

It should be noted that the enterprise budgets presented for owner-operators assume the operator owns the land resource (i.e. he has 100 percent equity in the land). If a person is in the process of purchasing his land (i.e. he has less than 100 percent equity) his cost of production may be considerably higher than the full owner or the tenant-operator. For example, if a farmer pays a land note of \$100 per acre per year, he may have a higher cost per unit of output than a person renting the land. To account for land costs in the owner-operator budgets an opportunity cost for land is shown as an allocated cost item in the budgets. These are non-cash costs that represent income that could be gained if the owner-operator choose to rent out the land rather than produce the enterprise.

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Cotton Budgets

This report presents cotton budgets showing projected costs and returns for 2001 for the alluvial soil areas of northeast Louisiana and the Macon Ridge. Budgets are included for cotton production on sandy soils using conventional tillage practices. A budget for Bt cotton production is included for northeast Louisiana. Bt cotton production is in the early stages of adoption by producers and limited data are available on production practices and yields. The budgets included here are based on the best available data, but these data are extremely limited. Individual producers might experience considerably different results than those shown.

Budgets are presented for only 8-row equipment based on a 38 inch row spacing. For each area, owner-operator and tenant-operator budgets are shown. A budget for irrigated cotton is presented for the Macon Ridge. Budgets for tenant-operators are for a share rent situation. Following each set of budgets is a table showing the sequence of operations and associated machinery costs and labor requirements for each. A budget for reduced tillage cotton production is shown for both the Macon Ridge and alluvial soil areas of the state. Reduced tillage cotton production technology is changing and the budgets presented here are based on limited data, but represent the best available information at the time of publication.

Production Technology

The basic production technology utilized in the cotton budgets in this publication was that existing at the time of the 1991 survey of producers. A considerable amount of change has occurred in cotton production technology since that time. An attempt has been made to incorporate some of these changes in these budget projections. In particular, budgets for Bt, Roundup Ready, and stacked gene cotton have been included in projections for 2001. These budgets are not based on producer experience, since the technology is relatively new. Data for the budgets were collected from preliminary research results and limited field observations from actual producer experience. The budgets presented should provide a guide for producers in developing budgets for individual operations.

Irrigation Costs

Irrigation costs shown in the cotton budget are based on a poly-pipe irrigation system. A 60 acre poly-pipe system was chosen as representative of those on the sample farms. The system includes a 100 foot deep well with 8-inch casing with a 6-inch discharge. Details of system costs are shown in Table 1. A summary of cost items for a center pivot system are shown in Table 2. It was assumed that the system would be used three times per year and apply two-acre-inches of water per application.

Boll Weevil Eradication

A boll weevil eradication (BWE) program was approved in the Northeast area of the state and implemented in the fall of 1998. Each cotton producer must pay an assessment of \$15 per acre. Cotton budgets in this publication include the assessment as a cost of producing cotton for 2001. Because the BWE program makes applications of insecticides to control the boll weevil, individual producer insecticide expenditures will be reduced. Insecticide programs have been modified to account for BWE program applications.

Cotton Harvesting

Harvesting costs shown in the budgets are based on using four-row cotton pickers. While four-row pickers account for the largest share of picking capacity in the state, two-row pickers still account for a significant, but declining share. Data on costs associated with owning and operating two-row cotton pickers are presented in the appendix to this report. These data indicate that the cost of owning and operating a two-row picker are approximately \$65 per acre compared to about \$39 for a four-row picker. These costs assume that the four-row machine is used on approximately 1,100 acres while the two-row picker is used on 430 acres. If the rate of use is less, then these costs would be higher. The enterprise budgets reflect twice-over harvest for approximately half of the cotton acreage on a farm. The decision to “scrap” cotton should be based on the potential profitability of the operation comparing the value of the cotton harvested with the cost of operating the cotton picker and associated equipment.

Other components of the harvest equipment is assumed to include a module builder, boll buggy, and conventional cotton trailers. Module builders were assumed to handle 80 percent of the crop with the remainder going in trailers. The cost of hauling modules and trailers to the gin is included in the enterprise budgets. The cost of hauling the module is based on a custom charge of a flat fee plus a mileage rate. If rebates or other incentives are available, individual budgets may be adjusted to reflect the level of the incentive.

Soybean Budgets

Budgets showing projected costs and returns for 2001 are presented for the alluvial soil area for two soil types (sandy and clay) and one equipment size (8-row). Soybean budgets for the Macon Ridge area are presented for silty soil type with 8-row equipment. Equipment size designations are based on a 38 inch row width. Many soybean producers employ production techniques which utilize a row spacing of less than 38 inches. However, the 38 inch spacing was the dominant spacing on the survey farms. One budget is presented for drill planted soybeans and one for double-crop soybeans. In addition, one budget is presented for producing Roundup Ready ® soybeans.

Soybean production technology is evolving rapidly. One area of production technology receiving considerable attention from producers is the area of herbicide resistant varieties. The percentage of acreage planted to these varieties was significant in 2000 and projections are that the percentage will increase for 2001. Little producer based data is available on these varieties, and research data is limited. Data for the Roundup Ready ® soybeans included in this publication were taken from a variety of sources, including producers and university scientists. The budgets shown here are intended for planning purposes only. Individual producers should be able to use these budgets to develop enterprise budgets for their specific situation.

Corn, Milo and Wheat Budgets

A budget showing projected costs and returns for 2001 corn in the alluvial soil areas is presented for sandy soil with 8-row equipment. Following this budget is a table showing the operations and associated costs for each operation. Projected costs and returns for milo are shown followed by a table showing the operations and associated costs. A budget showing projected costs for 2001 are presented for drill planted wheat with 8-row equipment.

SUMMARY

Tables 3 through 8 present summaries of projected costs and returns and breakeven prices for cotton, soybeans, corn, milo, and wheat respectively. A summary of projected costs and returns for cotton production situations included in this report is presented in Table 3. Cotton production costs for 2001 include the use of a module builder for a portion of the cotton harvested. A mandatory checkoff charge of \$2.44 per bale was added to the 2001 cotton budgets. This charge was based on a flat charge of one dollar per bale plus 0.5 percent of the value of a 480 pound bale. A summary of breakeven selling prices necessary to recover direct expenses as well as total costs are shown in Table 4. Breakeven selling prices are shown for five yield levels.

A summary of projected costs and returns for soybean production situations included in this report is presented in Table 5. Soybeans produced on clay soils required slightly different production practices than soybeans produced on sandy soil. Thus, there were slight differences between net returns for soybeans produced on sandy soils and soybeans produced on clay soils within areas. Larger differences in net returns did exist between areas because of yield differences. Table 6 presents breakeven selling prices for soybeans at five yield levels for the budget situations presented.

Table 7 presents a summary of projected costs and returns for corn, milo, and wheat budgets included in this report (wheat budgets do not include a charge for farm overhead since wheat is generally produced as a double crop (e.g. wheat, soybeans). Total costs for corn production were higher than for soybean, wheat and milo production and returns were lower for corn given the product prices and yields used in the projections. Breakeven selling prices for corn, milo and wheat at five yield levels are presented in Table 8.

"Breakeven" selling prices have been included in this report for five production levels for each crop situation budgeted. The breakeven selling price represents the cost per unit of output at that particular yield level. Thus, a price higher than the breakeven price would have to be received before the operator would receive a return above the specified costs. "Breakeven" prices have been presented for "direct expenses" (a close approximation of cash costs for most producers) and for "total specified expenses", which represents all costs except overhead, land, and risk costs for the business. Therefore, owner-operators would need a price above the total specified breakeven cost before a return to land would be incurred. For example, if the breakeven selling price above total specified expenses for soybeans at a yield of 25 bushels per acre is \$4.50 and the expected selling price is \$5.50 per bushel, then the producer could expect \$1.00 per bushel or \$25.00 returns per acre to land and risk. "Breakeven" prices for "direct expenses" do include land rent for tenant-operators. If land rent was entered as a cash rent in tenant budgets, the "breakeven" price for total specified direct expenses would include land as a charge in those situations.

The appendix tables present detailed cost estimates for various farm equipment, irrigation systems and operating inputs. These data may be used to adjust budgets to individual situations. The owner and tenant overhead budgets are also presented in the appendix tables.

Table 1. Estimated annual costs, representative poly pipe furrow irrigation system, Northeast Louisiana, 2001.^A

	System used on 60 acres, with three two-inch applications	
	Investment Cost	Annual Cost ^B
INVESTMENT REQUIREMENTS:		
	-----Dollars-----	
Well	\$ 4,500.00	\$ 225.00
Pump and motor	1,500.00	150.00
Land forming	9,750.00	487.50
Tractor and ditcher ^C	---0---	8.30
Interest	---0---	511.70
Total ownership cost	15,750.00	1,382.51
Ownership cost/acre		23.04
Ownership cost/acre inch		3.84
DIRECT EXPENSES: ^D		
Electric		214.85
Repair and maintenance		70.80
Labor		297.00
Diesel (tractor)		11.31
Poly pipe		348.00
Total direct cost		941.96
Direct cost/acre		15.70
Direct cost/acre inch		2.62
Total annual cost		2,324.47
Annual cost/acre		38.74
Annual cost/acre inch		6.46

^A Includes an 8-inch casing, 6-inch discharge well 100 feet deep, and 10 horsepower electric motor that consumes approximately 8.3 kwh of electricity.

^B Annual costs include depreciation and interest on investment. Estimated life of wells, pumps, power units, and land forming were assumed to be 20, 10, 10, and 20 years, respectively.

^C Includes a pro-rated share of fixed and variable costs of both the tractor and ditcher.

^D Electricity was assumed to cost 0.09 cents per kwh, diesel fuel \$1.17 per gallon, repair and maintenance calculated as 0.5 percent of total investment (excluding land forming), wage rates assumed to be \$7.50 per hour, and poly pipe \$218.00 per 1/4 mile roll.

Table 2. Estimated annual costs, representative center pivot irrigation system, Northeast Louisiana, 2001.^A

Item	one location, 130 acres with three one inch applications		two locations, 260 acres with three one inch applications	
	Investment Cost	Annual Cost ^B	Investment Cost	Annual Cost ^B
-----Dollars-----				
Investment requirements				
Well	\$ 4,500.00	\$ 225.00	\$ 9,000.00	\$ 450.00
Pump and gearhead	7,500.00	500.00	15,000.00	1,000.00
Power unit and generator	9,000.00	750.00	9,000.00	750.00
Power unit & fuel tank trailer			1,400.00	93.33
Tractor			0.00	16.00
Fuel tank and lines	600.00	40.00	600.00	40.00
Distribution system	40,000.00	2,666.67	40,000.00	2,666.67
Interest	0.00	1,971.20	0.00	3,772.41
Total ownership cost	61,600.00	6,152.87	75,000.00	8,788.40
Ownership cost/acre		47.33		33.80
Ownership cost/acre inch		15.78		11.27
Direct cost items				
Diesel fuel		962.74		1,944.93
Repair and maintenance		359.33		481.01
Labor		108.30		231.60
Total direct cost		1,430.37		1,657.53
Direct cost/acre		11.00		10.22
Direct cost/inch		3.67		3.41
Total annual cost		7,583.24		11,445.94
Annual cost/acre		58.33		44.02
Annual cost/acre inch		19.44		14.67

^A Includes a 1320 foot electric drive system, a 12-inch casing, 8-inch discharge well 100 feet deep, and 100 horsepower diesel engine that consumes approximately 5.7 gallons of fuel per hour.

^B Annual costs include depreciation and interest on investment. Estimated life of wells, pumps, power units, fuel tanks, and distribution systems were assumed to be 20, 15, 12, 15, and 15 years, respectively.

^C Diesel fuel \$1.17 per gallon, repair and maintenance calculated as 0.5 percent of total investment, and wage rates assumed to be \$7.50 per hour.

TABLE 3. A summary of projected costs and returns per acre for Cotton production, Alluvial Soil and Macon Ridge Areas, Louisiana, 2001.^A

Crop Description	Yield Per Acre ^B	Unit	Total Income	Total Direct Expenses	Returns Above	Total Fixed Expenses	Total Specified Expenses ^C	Returns Above
					Direct Expenses			Specified Expenses
.....Dollars per unit.....								
Alluvial Soil Area								
Cotton, 8-row, solid	800	lbs. of Lint	537.93	448.27	89.65	77.35	525.63	12.29
Cotton, 8-row, solid, (tenant) ^D	800	lbs. of Lint	430.55	425.73	4.81	77.35	503.09	-72.54
Cotton, 8-row, (reduced till)	750	lbs. of Lint	504.18	446.34	57.84	63.87	510.21	-6.03
Cotton, 8 row, Bt	800	lbs. of Lint	537.94	466.71	71.23	77.35	544.07	-6.12
Cotton, 8 row, Stacked Gene	800	lbs. of Lint	537.93	463.31	74.61	71.95	535.26	2.66
Macon Ridge Area								
Cotton, 8-row, solid	650	lbs. of Lint	437.76	421.68	16.08	71.50	493.18	-55.42
Cotton, 8-row, solid, (tenant) ^D	650	lbs. of Lint	349.66	404.54	-54.87	71.50	476.04	-126.37
Cotton, 8-row, reduced tillage	700	lbs. of Lint	470.69	450.85	19.83	67.10	517.96	-47.27
Cotton, 8-row, solid (irr.)	840	lbs. of Lint	564.83	475.91	88.91	94.26	570.18	-5.35

^A Cotton lint price of \$0.60 per lb. and \$0.05 per lb. for cottonseed was used.

^B Cottonseed yield is equal to 1.55 x yield of lint.

^C Farm overhead for owner-operators and tenants and land charges for owner-operators are not included in total specified expenses.

^D Income for tenant-operators based on 80 percent of yield, or a one-fifth crop share.

Table 4. Breakeven selling prices for Cotton for selected yield levels, Alluvial Soils and Macon Ridge Areas, Louisiana, 2001.

Crop Description	Base Yield	Unit	Yield Levels				
			-20%	-10%	Base	+10%	+20%
-----Dollars per unit -----							
Price required to recover total specified expenses ^A							
Alluvial Soils							
Cotton, 8-row, solid	800	lbs. of Lint	0.72	0.64	0.57	0.52	0.48
Cotton, 8-row, solid, (tenant)	800	lbs. of Lint	0.88	0.78	0.70	0.64	0.59
Cotton, 8-row, (reduced till)	750	lbs. of Lint	0.75	0.66	0.60	0.54	0.50
Cotton, 8 row, Bt	800	lbs. of Lint	0.80	0.71	0.64	0.58	0.54
Cotton, 8 row, Stacked Gene	800	lbs. of Lint	0.73	0.65	0.59	0.53	0.49
Macon Ridge							
Cotton, 8-row, solid	650	lbs. of Lint	0.85	0.75	0.68	0.61	0.56
Cotton, 8-row, solid, (tenant) ^B	650	lbs. of Lint	1.04	0.93	0.83	0.76	0.69
Cotton, 6-row, solid, (reduced tillage)	700	lbs. of Lint	0.82	0.73	0.66	0.60	0.55
Cotton, 8-row, solid, (irrigated)	840	lbs. of Lint	0.75	0.66	0.60	0.54	0.50
Prices required to recover Direct Expenses							
Alluvial Soils							
Cotton, 8-row, solid	800	lbs. of Lint	0.60	0.53	0.48	0.43	0.40
Cotton, 8-row, solid, (tenant)	800	lbs. of Lint	0.73	0.65	0.58	0.53	0.49
Cotton, 8-row, (reduced till)	750	lbs. of Lint	0.64	0.57	0.51	0.47	0.43
Cotton, 8 row, Bt	800	lbs. of Lint	0.63	0.56	0.50	0.46	0.42
Cotton, 8 row, Stacked Gene	800	lbs. of Lint	0.62	0.55	0.50	0.45	0.41
Macon Ridge							
Cotton, 8-row, solid	650	lbs. of Lint	0.71	0.63	0.57	0.51	0.47
Cotton, 8-row, solid, (tenant) ^B	650	lbs. of Lint	0.93	0.83	0.75	0.68	0.62
Cotton, 6-row, solid, (reduced tillage)	700	lbs. of Lint	0.70	0.62	0.56	0.51	0.47
Cotton, 8-row, solid, (irrigated)	840	lbs. of Lint	0.61	0.54	0.48	0.44	0.40

^A Does not include overhead costs for tenant- and owner-operators and land costs for owner-operators.

^B Tenant-operator budgets include land charges in the form of a reduction in revenue.

TABLE 5. A summary of projected costs and returns per acre for Soybean production, Alluvial Soil and Macon Ridge areas, Louisiana, 2001.^A

Crop Description	Acre	Yield Per Unit	Income	Total Expenses	Total Direct Expenses	Returns			Returns Above Specified
						Direct Expenses	Total Fixed Expenses ^B	Total Specified Expenses	
.....Dollars per unit.....									
Alluvial Soil									
Soybeans, 8-row, sandy		30	bu	157.50	78.93	78.56	35.86	114.80	42.69
Soybeans, 8-row, clay		30	bu	157.50	76.05	81.44	33.29	109.35	48.14
Soybeans, 8-row, Stale seedbed, Tenant		30	bu	118.12	87.14	30.98	22.71	109.85	8.26
Soybeans, 8-row, clay (drilled)		30	bu	157.50	86.07	71.42	26.19	112.27	45.22
Soybeans, 8 row, Roundup@ready		30	bu	157.50	99.97	57.93	22.34	122.31	35.18
Macon Ridge									
Soybeans, 8-row, silty		21	bu	110.25	84.97	25.27	32.84	117.81	-7.56
Soybeans, 8-row, silty (tenant)		21	bu	82.68	84.97	-2.28	32.84	117.81	-35.12

^A Crop price used was \$5.25 per bu. for soybeans.

^B Farm overhead for owner-operators and tenants and land charges for owner-operators are not included in total specified expenses.

Table 6. Breakeven selling prices for Soybeans for selected yield levels, Alluvial Soils and Macon Ridge areas, Louisiana, 2001.

Crop Description	Yield	Base Unit	20%	Yield Levels				
				10%	BASE	10%	20%	
----- Dollars per unit -----								
Prices required to recover Total Specified Expenses ^A								
Alluvial Soils								
Soybeans, 8-row, sandy		30	bu	4.78	4.25	3.82	3.48	3.19
Soybeans, 8-row, clay		30	bu	4.56	4.05	3.65	3.31	3.04
Soybeans, 8-row, Stale seedbed (tenant) ^B		30	bu	5.72	5.09	4.58	4.16	3.81
Soybeans, 8-row, clay, (drilled)		30	bu	4.68	4.16	3.74	3.40	3.12
Soybeans, 8 row, Roundup@ready		30	bu	5.10	4.53	4.08	3.71	3.40
Macon Ridge								
Soybeans, 8-row, sandy		21	bu	7.01	6.23	5.61	5.10	4.68
Soybeans, 8-row, sandy, (tenant) ^B		21	bu	9.35	8.31	7.48	6.80	6.23
Prices required to recover Direct Expenses								
Alluvial Soils								
Soybeans, 8-row, sandy		30	bu	3.29	2.92	2.63	2.39	2.19
Soybeans, 8-row, clay		30	bu	3.17	2.82	2.54	2.30	2.11
Soybeans, 8-row, Stale seedbed (tenant) ^B		30	bu	4.54	4.03	3.63	3.30	3.03
Soybeans, 8-row, clay, (drilled)		30	bu	3.58	3.19	2.87	2.61	2.39
Soybeans, 8 row, Roundup@ready		30	bu	4.17	3.70	3.33	3.03	2.77
Macon Ridge								
Soybeans, 8-row, sandy		21	bu	5.05	4.50	4.05	3.67	3.37
Soybeans, 8-row, sandy, (tenant) ^B		21	bu	6.38	5.68	5.11	4.65	4.26

^A Does not include land or overhead costs.

^B Tenant-operator budgets include land costs.

TABLE 7. A summary of projected costs and returns per acre for Corn, Milo, and Wheat production, Alluvial soil and Macon Ridge Areas, Louisiana, 2001.^A

Crop Description	Yield		Total Income	Total Direct Expenses	Returns		Total Fixed Expenses	Total Specified Expenses ^B	Returns Above Specified Expense
	Per Acre	Unit			Above Direct Expenses	Total			
----- Dollars per unit -----									
Corn grain, 8-row equip.	125	bu	312.50	214.92	97.57	41.84	256.77	55.72	
Milo, 8-row	48	cwt	196.80	101.01	95.78	31.07	132.08	64.71	
Wheat (grain), 8-row, (drilled)	40	bu	112.00	69.44	42.55	27.03	96.48	15.51	
Soybeans - Wheat (dbl. crop)	25 + 40	bu	243.25	138.53	104.71	52.47	191.00	52.24	

^A Crop prices used were \$2.50 per bu. for corn, \$4.10 per cwt. for Milo, \$2.80 per bu. for wheat and \$5.25 per bu. for soybeans.

^B Farm overhead for owner-operators and tenants and land charges for owner-operators are not included in total specified expenses.

Table 8. Breakeven selling prices for Corn, Milo, and Wheat for selected yield levels, Alluvial Soils and Macon Ridge Areas, Louisiana, 2001.

Crop Description	Base Yield	Unit	Yield Levels				
			-20%	-10%	BASE	10%	20%
----- Dollars per unit -----							
Prices required to recover Total Specified Expenses ^A							
Corn Grain, 8-row	125	bu	2.52	2.26	2.05	1.88	1.74
Milo, 8-row	48	cwt	3.44	3.06	2.75	2.50	2.29
Wheat, 8-row, drilled	40	bu	3.02	2.68	2.41	2.19	2.01
Prices required to recover Direct Expenses							
Corn Grain, 8-row	125	bu	2.10	1.89	1.71	1.58	1.46
Milo, 8-row	48	cwt	2.63	2.34	2.10	1.91	1.75
Wheat, 8-row, drilled	40	bu	2.17	1.92	1.74	1.58	1.45

^A Does not include land or overhead costs.

Table 9.A Estimated costs and returns per acre
 Cotton, sandy soil, 8-row equipment, solid planted,
 owner-operators, alluvial soils, northeast Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton lint	lbs	0.60	800.0000	480.00	_____
Cottonseed prod	lb	0.05	1240.0000	62.00	_____
Cotton checkoff	bale	2.44	-1.6670	-4.06	_____
TOTAL INCOME				537.93	_____
DIRECT EXPENSES					
CUSTOM					
Airplane lo-vol (NE)	acre	2.38	1.0000	2.38	_____
Airplane lo-vol (NE)	acre	2.38	3.0000	7.14	_____
Airplane hi-vol (NE)	acre	3.60	1.0000	3.60	_____
DEFOLIANT					
Dropp	lbs	56.34	0.2000	11.26	_____
Prep	pt	6.53	1.3330	8.70	_____
FERTILIZER					
Nitrogen	lbs	0.25	90.0000	22.50	_____
FUNGICIDES					
TSX 18.8G	lbs	1.44	10.0000	14.40	_____
HERBICIDES					
Treflan 4L	pt	3.19	1.5000	4.78	_____
Zorlan 80DF	lbs	14.17	0.8000	11.33	_____
Cotoran 4L	qt	8.65	1.1000	9.51	_____
MSMA 6.6	pt	2.22	1.8000	3.99	_____
Surfactant	pt	2.01	1.2000	2.41	_____
Bladex 4L	pt	3.71	2.5000	9.27	_____
Fusilade DX	pt	15.02	0.3000	4.50	_____
Crop oil	pt	0.86	2.3000	1.97	_____
HIRED LABOR					
Other labor	hour	7.50	0.3700	2.77	_____
INSECTICIDES					
Temik 15G	lbs	3.32	3.3300	11.05	_____
Ammo 2.5E	oz	1.65	1.2800	2.11	_____
Bidrin 8EC	pt	11.13	0.2000	2.22	_____
Baythroid	pt	50.85	0.1320	6.71	_____
Tracer 4EC	oz	5.76	6.5300	37.61	_____
Orthene 90SP	lb	10.19	1.0000	10.19	_____
OTHER					
BWE assessment (NE)	acre	15.00	1.0000	15.00	_____
Module hauling	bale	5.00	1.1700	5.85	_____
Ginning cost	lbs	0.08	800.0000	64.00	_____
Insect scout	acre	9.00	1.0000	9.00	_____
Storage	bale	25.00	1.6670	41.67	_____
SEED					
Cotton seed	lbs	0.88	10.0000	8.80	_____
OPERATOR LABOR					
Tractors	hour	7.50	2.7580	20.68	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.3355	4.02	_____
DIESEL FUEL					
Tractors	gal	1.17	17.7540	20.77	_____
Self-Propelled Eq.	gal	1.17	2.9280	3.42	_____
GASOLINE					
Tractors	gal	1.43	0.6250	0.89	_____
REPAIR & MAINTENANCE					
Implements	acre	11.49	1.0000	11.49	_____
Tractors	acre	17.45	1.0000	17.45	_____
Self-Propelled Eq.	acre	19.70	1.0000	19.70	_____
INTEREST ON OP. CAP.	acre	15.00	1.0000	15.00	_____
TOTAL DIRECT EXPENSES				448.27	_____
RETURNS ABOVE DIRECT EXPENSES				89.65	_____
FIXED EXPENSES					
Implements	acre	18.87	1.0000	18.87	_____
Tractors	acre	28.11	1.0000	28.11	_____
Self-Propelled Eq.	acre	30.36	1.0000	30.36	_____
TOTAL FIXED EXPENSES				77.35	_____
TOTAL SPECIFIED EXPENSES				525.63	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				12.29	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	73.65	1.0000	73.65	_____
RESIDUAL RETURNS					
Land (Oppor. Cst.)MS	acre	90.00	1.0000	90.00	_____
RESIDUAL RETURNS				-151.35	_____

Table 9.B Estimated resource use and costs for field operations, per acre
 Cotton, sandy soil, 8-row equipment, solid planted,
 owner-operators, alluvial soils, northeast Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Subsoiler	3 shank	168	0.400	1.00	Jan	7.95	5.64	0.66	1.01	0.440	3.30					18.58
Disk	26.6 ft	168	0.070	1.00	Jan	1.39	0.98	0.64	0.96	0.077	0.57					4.56
Disk	26.6 ft	168	0.070	1.00	Mar	1.39	0.98	0.64	0.96	0.077	0.57					4.56
Disk + pre	26.6 ft	168	0.070	1.00	Apr	1.39	0.98	0.69	1.03	0.077	0.57					4.68
Treflan 4L	pt											1.5000	3.19	4.78		4.78
Zorial 80DF	lbs											0.8000	14.17	11.33		11.33
Fertilizer app (R)	20 ft	93	0.090	1.00	Apr	0.48	0.70		0.00	0.099	0.74					1.93
Nitrogen	lbs											90.0000	0.25	22.50		22.50
Hipper	26.6 ft	168	0.070	1.00	Apr	1.39	0.98	0.28	0.42	0.077	0.57					3.66
Conditioner	26.6 Ft	168	0.070	1.00	Apr	1.39	0.98	0.43	0.57	0.077	0.57					3.96
Plant + pre	26.6 Ft	168	0.080	1.00	Apr	1.59	1.12	0.92	1.47	0.088	0.66					5.77
Cotoran 4L	qt											0.6000	8.65	5.19		5.19
Cotton seed	lbs											10.0000	0.88	8.80		8.80
Other labor	hour											0.1200	7.50	0.90		0.90
Temik 15G	lbs											3.3300	3.32	11.05		11.05
TSX 18.8G	lbs											10.0000	1.44	14.40		14.40
Ammo 2.5E	oz											1.2800	1.65	2.11		2.11
Trailer utility	10 Ft	93	1.000	0.23	Apr	2.69	1.80	0.05	0.23	0.253	1.89					6.68
Ditcher rotary	1.5 ft	93	0.050	1.00	Apr	0.58	0.39	0.11	0.16	0.055	0.41					1.66
Cultivate + Post	26.6 ft	168	0.080	1.00	May	1.59	1.12	0.42	0.62	0.088	0.66					4.43
Bidrin 8EC	pt											0.1000	11.13	1.11		1.11
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.58	0.39	0.11	0.16	0.055	0.41					1.66
Cultivate + Post	26.6 ft	168	0.080	1.00	May	1.59	1.12	0.42	0.62	0.088	0.66					4.43
MSMA 6.6	pt											0.9000	2.22	1.99		1.99
Cotoran 4L	qt											0.5000	8.65	4.32		4.32
Surfactant	pt											0.4000	2.01	0.80		0.80
Bidrin 8EC	pt											0.1000	11.13	1.11		1.11
Cultivate + Post	26.6 ft	168	0.080	1.00	Jun	1.59	1.12	0.42	0.62	0.088	0.66					4.43
Bladex 4L	pt											1.0000	3.71	3.71		3.71
Surfactant	pt											0.4000	2.01	0.80		0.80
MSMA 6.6	pt											0.9000	2.22	1.99		1.99
Ditcher rotary	1.5 ft	93	0.050	1.00	Jun	0.58	0.39	0.11	0.16	0.055	0.41					1.66
Cultivate + Post	26.6 ft	168	0.080	1.00	Jun	1.59	1.12	0.42	0.62	0.088	0.66					4.43
Bladex 4L	pt											1.5000	3.71	5.56		5.56
Surfactant	pt											0.4000	2.01	0.80		0.80
BWE assessment (NE)	acre			1.00	Jul							1.0000	15.00	15.00		15.00
Boom sprayer	30 ft	93	0.060	1.00	Jul	0.70	0.47	0.16	0.18	0.066	0.49					2.01
Fusilade DX	pt											0.3000	15.02	4.50		4.50
Crop oil	pt											0.3000	0.86	0.25		0.25
Airplane lo-vol (NE)	acre			1.00	Jul							1.0000	2.38	2.38		2.38
Baythroid	pt											0.1320	50.85	6.71		6.71
Airplane lo-vol (NE)	acre			1.00	Aug							1.0000	2.38	2.38		2.38
Tracer 4EC	oz											2.3300	5.76	13.42		13.42
Airplane lo-vol (NE)	acre			1.00	Aug							1.0000	2.38	2.38		2.38
Orthene 90SP	lb											0.5000	10.19	5.09		5.09
Tracer 4EC	oz											2.1000	5.76	12.09		12.09
Crop oil	pt											1.0000	0.86	0.86		0.86
Airplane lo-vol (NE)	acre			1.00	Sep							1.0000	2.38	2.38		2.38
Orthene 90SP	lb											0.5000	10.19	5.09		5.09
Tracer 4EC	oz											2.1000	5.76	12.09		12.09
Crop oil	pt											1.0000	0.86	0.86		0.86
Airplane hi-vol (NE)	acre			1.00	Oct							1.0000	3.60	3.60		3.60
Dropp	lbs											0.2000	56.34	11.26		11.26
Prep	pt											1.3330	6.53	8.70		8.70
Cotton Picker-MB-BB	4 Row		0.220	1.00	Oct			16.68	21.90	0.242	2.90					41.49
Boll buggy	6 bale	118	1.000	0.22	Oct	3.35	2.41	1.32	2.29	0.242	1.81					11.19
Trailer cotton	10 bale	1\2 ton	1.000	0.25	Nov	1.37	1.18	0.40	0.69	0.250	1.87					5.52
Other labor	hour											0.1250	7.50	0.93		0.93
Module Builder	32 Ft	143	1.000	0.25	Nov	4.34	3.13	2.93	5.10	0.275	2.06					17.58
Other labor	hour											0.1250	7.50	0.93		0.93
Module hauling	bale			1.00	Nov							1.1700	5.00	5.85		5.85
Cotton Picker second	4 Row		0.170	0.50	Nov			6.44	8.46	0.093	1.12					16.03
Stalk cutter	13.3 ft	93	0.130	1.00	Nov	1.52	1.01	0.30	0.90	0.143	1.07					4.82
Ginning cost	lbs			1.00	Nov							800.0000	0.08	64.00		64.00
Insect scout	acre			1.00	Nov							1.0000	9.00	9.00		9.00
Storage	bale			1.00	Nov							1.6670	25.00	41.67		41.67
TOTALS						39.12	28.11	34.62	49.24	3.093	24.71			334.80		510.62
INTEREST ON OPERATING CAPITAL																15.00
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																525.63

Table 10.A Estimated costs and returns per acre
 Cotton, sandy soil, 8-row equipment, solid planted,
 tenant-operators, alluvial soils, northeast Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton lint	lbs	0.60	800.0000	480.00	_____
Cottonseed prod	lb	0.05	1240.0000	62.00	_____
Lint share rent	lbs	0.60	-160.0000	-96.00	_____
Seed share rent	lbs	0.05	-248.0000	-12.40	_____
Cotton checkoff	bale	2.44	-1.2500	-3.05	_____
TOTAL INCOME				430.55	_____
DIRECT EXPENSES					
CUSTOM					
Airplane lo-vol (NE)	acre	2.38	4.0000	9.52	_____
Airplane hi-vol (NE)	acre	3.60	1.0000	3.60	_____
DEFOLIANT					
Dropp	lbs	56.34	0.2000	11.26	_____
Prep	pt	6.53	1.3330	8.70	_____
FERTILIZER					
Nitrogen	lbs	0.25	90.0000	22.50	_____
FUNGICIDES					
TSX 18.8G	lbs	1.44	10.0000	14.40	_____
HERBICIDES					
Treflan 4L	pt	3.19	1.5000	4.78	_____
Zorial 80DF	lbs	14.17	0.8000	11.33	_____
Cotoran 4L	qt	8.65	1.1000	9.51	_____
MSMA 6.6	pt	2.22	1.8000	3.99	_____
Surfactant	pt	2.01	1.2000	2.41	_____
Bladex 4L	pt	3.71	2.5000	9.27	_____
Fusilade DX	pt	15.02	0.3000	4.50	_____
Crop oil	pt	0.86	2.3000	1.97	_____
HIRED LABOR					
Other labor	hour	7.50	0.3700	2.77	_____
INSECTICIDES					
Temik 15G	lbs	3.32	3.3300	11.05	_____
Ammo 2.5E	oz	1.65	1.2800	2.11	_____
Bidrin 8EC	pt	11.13	0.2000	2.22	_____
Baythroid	pt	50.85	0.1320	6.71	_____
Tracer 4EC	oz	5.76	6.5300	37.61	_____
Orthene 90SP	lb	10.19	1.0000	10.19	_____
OTHER					
BWE assessment (NE)	acre	15.00	1.0000	15.00	_____
Module hauling	bale	5.00	0.9300	4.65	_____
Ginning cost	lbs	0.08	640.0000	51.20	_____
Insect scout	acre	9.00	1.0000	9.00	_____
Storage	bale	25.00	1.3330	33.32	_____
SEED					
Cotton seed	lbs	0.88	10.0000	8.80	_____
OPERATOR LABOR					
Tractors	hour	7.50	2.7580	20.68	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.3355	4.02	_____
DIESEL FUEL					
Tractors	gal	1.17	17.7540	20.77	_____
Self-Propelled Eq.	gal	1.17	2.9280	3.42	_____
GASOLINE					
Tractors	gal	1.43	0.6250	0.89	_____
REPAIR & MAINTENANCE					
Implements	acre	11.49	1.0000	11.49	_____
Tractors	acre	17.45	1.0000	17.45	_____
Self-Propelled Eq.	acre	19.70	1.0000	19.70	_____
INTEREST ON OP. CAP.	acre	14.82	1.0000	14.82	_____
TOTAL DIRECT EXPENSES				425.73	_____
RETURNS ABOVE DIRECT EXPENSES				4.81	_____
FIXED EXPENSES					
Implements	acre	18.87	1.0000	18.87	_____
Tractors	acre	28.11	1.0000	28.11	_____
Self-Propelled Eq.	acre	30.36	1.0000	30.36	_____
TOTAL FIXED EXPENSES				77.35	_____
TOTAL SPECIFIED EXPENSES				503.09	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-72.54	_____
ALLOCATED COST ITEMS					
Overhead (tenant)	acre	62.63	1.0000	62.63	_____
RESIDUAL RETURNS				-135.17	_____

Table 10.B Estimated resource use and costs for field operations, per acre
 Cotton, sandy soil, 8-row equipment, solid planted,
 tenant-operators, alluvial soils, northeast Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Subsoiler	3 shank	168	0.400	1.00	Jan	7.95	5.64	0.66	1.01	0.440	3.30					18.58
Disk	26.6 ft	168	0.070	1.00	Jan	1.39	0.98	0.64	0.96	0.077	0.57					4.56
Disk	26.6 ft	168	0.070	1.00	Mar	1.39	0.98	0.64	0.96	0.077	0.57					4.56
Disk + pre	26.6 ft	168	0.070	1.00	Apr	1.39	0.98	0.69	1.03	0.077	0.57					4.68
Treflan 4L	pt											1.5000	3.19	4.78		4.78
Zorial 80DF	lbs											0.8000	14.17	11.33		11.33
Fertilizer app (R)	20 ft	93	0.090	1.00	Apr	0.48	0.70		0.00	0.099	0.74					1.93
Nitrogen	lbs											90.0000	0.25	22.50		22.50
Hipper	26.6 ft	168	0.070	1.00	Apr	1.39	0.98	0.28	0.42	0.077	0.57					3.66
Conditioner	26.6 Ft	168	0.070	1.00	Apr	1.39	0.98	0.43	0.57	0.077	0.57					3.96
Plant + pre	26.6 Ft	168	0.080	1.00	Apr	1.59	1.12	0.92	1.47	0.088	0.66					5.77
Cotoran 4L	qt											0.6000	8.65	5.19		5.19
Cotton seed	lbs											10.0000	0.88	8.80		8.80
Other labor	hour											0.1200	7.50	0.90		0.90
Temik 15G	lbs											3.3300	3.32	11.05		11.05
TSX 18.8G	lbs											10.0000	1.44	14.40		14.40
Ammo 2.5E	oz											1.2800	1.65	2.11		2.11
Trailer utility	10 Ft	93	1.000	0.23	Apr	2.69	1.80	0.05	0.23	0.253	1.89					6.68
Ditcher rotary	1.5 ft	93	0.050	1.00	Apr	0.58	0.39	0.11	0.16	0.055	0.41					1.66
Cultivate + Post	26.6 ft	168	0.080	1.00	May	1.59	1.12	0.42	0.62	0.088	0.66					4.43
Bidrin 8EC	pt											0.1000	11.13	1.11		1.11
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.58	0.39	0.11	0.16	0.055	0.41					1.66
Cultivate + Post	26.6 ft	168	0.080	1.00	May	1.59	1.12	0.42	0.62	0.088	0.66					4.43
MSMA 6.6	pt											0.9000	2.22	1.99		1.99
Cotoran 4L	qt											0.5000	8.65	4.32		4.32
Surfactant	pt											0.4000	2.01	0.80		0.80
Bidrin 8EC	pt											0.1000	11.13	1.11		1.11
Cultivate + Post	26.6 ft	168	0.080	1.00	Jun	1.59	1.12	0.42	0.62	0.088	0.66					4.43
Bladex 4L	pt											1.0000	3.71	3.71		3.71
Surfactant	pt											0.4000	2.01	0.80		0.80
MSMA 6.6	pt											0.9000	2.22	1.99		1.99
Ditcher rotary	1.5 ft	93	0.050	1.00	Jun	0.58	0.39	0.11	0.16	0.055	0.41					1.66
Cultivate + Post	26.6 ft	168	0.080	1.00	Jun	1.59	1.12	0.42	0.62	0.088	0.66					4.43
Bladex 4L	pt											1.5000	3.71	5.56		5.56
Surfactant	pt											0.4000	2.01	0.80		0.80
BWE assessment (NE)	acre			1.00	Jul							1.0000	15.00	15.00		15.00
Boom sprayer	30 ft	93	0.060	1.00	Jul	0.70	0.47	0.16	0.18	0.066	0.49					2.01
Fusilade DX	pt											0.3000	15.02	4.50		4.50
Crop oil	pt											0.3000	0.86	0.25		0.25
Airplane lo-vol (NE)	acre			1.00	Jul							1.0000	2.38	2.38		2.38
Baythroid	pt											0.1320	50.85	6.71		6.71
Airplane lo-vol (NE)	acre			1.00	Aug							1.0000	2.38	2.38		2.38
Tracer 4EC	oz											2.3300	5.76	13.42		13.42
Airplane lo-vol (NE)	acre			1.00	Aug							1.0000	2.38	2.38		2.38
Orthene 90SP	lb											0.5000	10.19	5.09		5.09
Tracer 4EC	oz											2.1000	5.76	12.09		12.09
Crop oil	pt											1.0000	0.86	0.86		0.86
Airplane lo-vol (NE)	acre			1.00	Sep							1.0000	2.38	2.38		2.38
Orthene 90SP	lb											0.5000	10.19	5.09		5.09
Tracer 4EC	oz											2.1000	5.76	12.09		12.09
Crop oil	pt											1.0000	0.86	0.86		0.86
Airplane hi-vol (NE)	acre			1.00	Oct							1.0000	3.60	3.60		3.60
Drop	lbs											0.2000	56.34	11.26		11.26
Prep	pt											1.3330	6.53	8.70		8.70
Cotton Picker-MB-BB	4 Row		0.220	1.00	Oct			16.68	21.90	0.242	2.90					41.49
Boll buggy	6 bale	118	1.000	0.22	Oct	3.35	2.41	1.32	2.29	0.242	1.81					11.19
Trailer cotton	10 bale	1\2 ton	1.000	0.25	Nov	1.37	1.18	0.40	0.69	0.250	1.87					5.52
Other labor	hour											0.1250	7.50	0.93		0.93
Module Builder	32 Ft	143	1.000	0.25	Nov	4.34	3.13	2.93	5.10	0.275	2.06					17.58
Other labor	hour											0.1250	7.50	0.93		0.93
Module hauling	bale			1.00	Nov							0.9300	5.00	4.65		4.65
Cotton Picker second	4 Row		0.170	0.50	Nov			6.44	8.46	0.093	1.12					16.03
Stalk cutter	13.3 ft	93	0.130	1.00	Nov	1.52	1.01	0.30	0.90	0.143	1.07					4.82
Ginning cost	lbs			1.00	Nov							640.0000	0.08	51.20		51.20
Insect scout	acre			1.00	Nov							1.0000	9.00	9.00		9.00
Storage	bale			1.00	Nov							1.3330	25.00	33.32		33.32
TOTALS						39.12	28.11	34.62	49.24	3.093	24.71			312.45		488.27
INTEREST ON OPERATING CAPITAL																14.82
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																503.09

Table 11.A Estimated costs and returns per acre
 Cotton, clay soil, 8-row equipment, reduced tillage,
 owner-operators, alluvial soils, northeast Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton lint	lbs	0.60	750.0000	450.00	_____
Cottonseed prod	lb	0.05	1160.0000	58.00	_____
Cotton checkoff	bale	2.44	-1.5630	-3.81	_____

TOTAL INCOME				504.18	_____
DIRECT EXPENSES					
CUSTOM					
Airplane hi-vol (NE)	acre	3.60	2.0000	7.20	_____
Airplane lo-vol (NE)	acre	2.38	4.0000	9.52	_____
DEFOLIANT					
Dropp	lbs	56.34	0.2000	11.26	_____
Prep	pt	6.53	1.3330	8.70	_____
FERTILIZER					
Nitrogen	lbs	0.25	110.0000	27.50	_____
FUNGICIDES					
TSX 18.8G	lbs	1.44	10.0000	14.40	_____
HERBICIDES					
Roundup D-PAK	pt	6.83	0.6300	4.30	_____
Surfactant	pt	2.01	1.6000	3.21	_____
Gramoxone extra2.5SL	pt	3.79	1.5000	5.68	_____
Cotoran 4L	qt	8.65	2.0000	17.30	_____
Dual 8E	pt	7.16	2.0000	14.32	_____
MSMA 6.6	pt	2.22	1.8000	3.99	_____
Bladex 4L	pt	3.71	3.0000	11.13	_____
Fusilade DX	pt	15.02	0.3000	4.50	_____
Crop oil	pt	0.86	2.3000	1.97	_____
HIRED LABOR					
Other labor	hour	7.50	0.2500	1.87	_____
INSECTICIDES					
Temik 15G	lbs	3.32	3.3300	11.05	_____
Ammo 2.5E	oz	1.65	2.5600	4.22	_____
Bidrin 8EC	pt	11.13	0.1000	1.11	_____
Baythroid	pt	50.85	0.1320	6.71	_____
Tracer 4EC	oz	5.76	6.5300	37.61	_____
Orthene 90SP	lb	10.19	1.0000	10.19	_____
OTHER					
BWE assessment (NE)	acre	15.00	1.0000	15.00	_____
Module hauling	bale	5.00	0.9500	4.75	_____
Ginning cost	lbs	0.08	750.0000	60.00	_____
Insect scout	acre	9.00	1.0000	9.00	_____
Storage	bale	25.00	1.5630	39.07	_____
SEED					
Cotton seed	lbs	0.88	10.0000	8.80	_____
OPERATOR LABOR					
Tractors	hour	7.50	2.0540	15.40	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.3355	4.02	_____
DIESEL FUEL					
Tractors	gal	1.17	11.2880	13.20	_____
Self-Propelled Eq.	gal	1.17	2.9280	3.42	_____
GASOLINE					
Tractors	gal	1.43	0.6250	0.89	_____
REPAIR & MAINTENANCE					
Implements	acre	8.81	1.0000	8.81	_____
Tractors	acre	11.79	1.0000	11.79	_____
Self-Propelled Eq.	acre	19.70	1.0000	19.70	_____
INTEREST ON OP. CAP.	acre	14.64	1.0000	14.64	_____
TOTAL DIRECT EXPENSES				446.34	_____
RETURNS ABOVE DIRECT EXPENSES				57.84	_____
FIXED EXPENSES					
Implements	acre	14.79	1.0000	14.79	_____
Tractors	acre	18.71	1.0000	18.71	_____
Self-Propelled Eq.	acre	30.36	1.0000	30.36	_____
TOTAL FIXED EXPENSES				63.87	_____
TOTAL SPECIFIED EXPENSES				510.21	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-6.03	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	73.65	1.0000	73.65	_____
RESIDUAL RETURNS					
Land (Oppor. Cst.)MS	acre	90.00	1.0000	90.00	_____
RESIDUAL RETURNS				-169.68	_____

Table 11.B Estimated resource use and costs for field operations, per acre
 Cotton, clay soil, 8-row equipment, reduced tillage,
 owner-operators, alluvial soils, northeast Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Airplane hi-vol (NE)	acre			1.00	Mar							1.0000	3.60	3.60	3.60
Roundup D-PAK	pt											0.6300	6.83	4.30	4.30
Surfactant	pt											0.4000	2.01	0.80	0.80
Boom sprayer	30 ft	93	0.060	1.00	Apr	0.70	0.47	0.16	0.18	0.066	0.49				2.01
Gramoxone extra2.5SL	pt											1.5000	3.79	5.68	5.68
Surfactant	pt											0.4000	2.01	0.80	0.80
Fertilizer app (R)	20 ft	93	0.090	1.00	Apr	0.48	0.70		0.00	0.099	0.74				1.93
Nitrogen	lbs											110.0000	0.25	27.50	27.50
Plant + pre	26.6 Ft	168	0.080	1.00	Apr	1.59	1.12	0.92	1.47	0.088	0.66				5.77
Cotoran 4L	qt											1.5000	8.65	12.97	12.97
Cotton seed	lbs											10.0000	0.88	8.80	8.80
Dual 8E	pt											2.0000	7.16	14.32	14.32
Temik 15G	lbs											3.3300	3.32	11.05	11.05
TSX 18.8G	lbs											10.0000	1.44	14.40	14.40
Ammo 2.5E	oz											1.2800	1.65	2.11	2.11
Trailer utility	10 Ft	93	1.000	0.23	Apr	2.69	1.80	0.05	0.23	0.253	1.89				6.68
Ditcher rotary	1.5 ft	93	0.050	1.00	Apr	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Cultivate + Post	26.6 ft	168	0.080	1.00	May	1.59	1.12	0.42	0.62	0.088	0.66				4.43
MSMA 6.6	pt											0.9000	2.22	1.99	1.99
Cotoran 4L	qt											0.5000	8.65	4.32	4.32
Surfactant	pt											0.4000	2.01	0.80	0.80
Bidrin 8EC	pt											0.1000	11.13	1.11	1.11
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Cultivate + Post	26.6 ft	168	0.080	1.00	Jun	1.59	1.12	0.42	0.62	0.088	0.66				4.43
Bladex 4L	pt											3.0000	3.71	11.13	11.13
Surfactant	pt											0.4000	2.01	0.80	0.80
MSMA 6.6	pt											0.9000	2.22	1.99	1.99
Ammo 2.5E	oz											1.2800	1.65	2.11	2.11
Ditcher rotary	1.5 ft	93	0.050	1.00	Jun	0.58	0.39	0.11	0.16	0.055	0.41				1.66
BWE assessment (NE)	acre			1.00	Jul							1.0000	15.00	15.00	15.00
Boom sprayer	30 ft	93	0.060	1.00	Jul	0.70	0.47	0.16	0.18	0.066	0.49				2.01
Fusilade DX	pt											0.3000	15.02	4.50	4.50
Crop oil	pt											0.3000	0.86	0.25	0.25
Airplane lo-vol (NE)	acre			1.00	Jul							1.0000	2.38	2.38	2.38
Baythroid	pt											0.1320	50.85	6.71	6.71
Airplane lo-vol (NE)	acre			1.00	Aug							1.0000	2.38	2.38	2.38
Tracer 4EC	oz											2.3300	5.76	13.42	13.42
Airplane lo-vol (NE)	acre			1.00	Aug							1.0000	2.38	2.38	2.38
Orthene 90SP	lb											0.5000	10.19	5.09	5.09
Tracer 4EC	oz											2.1000	5.76	12.09	12.09
Crop oil	pt											1.0000	0.86	0.86	0.86
Airplane lo-vol (NE)	acre			1.00	Sep							1.0000	2.38	2.38	2.38
Orthene 90SP	lb											0.5000	10.19	5.09	5.09
Tracer 4EC	oz											2.1000	5.76	12.09	12.09
Crop oil	pt											1.0000	0.86	0.86	0.86
Airplane hi-vol (NE)	acre			1.00	Oct							1.0000	3.60	3.60	3.60
Dropp	lbs											0.2000	56.34	11.26	11.26
Prep	pt											1.3330	6.53	8.70	8.70
Cotton Picker-MB-BB	4 Row		0.220	1.00	Oct			16.68	21.90	0.242	2.90				41.49
Boll buggy	6 bale	118	1.000	0.22	Oct	3.35	2.41	1.32	2.29	0.242	1.81				11.19
Trailer cotton	10 bale	1\2 ton	1.000	0.25	Nov	1.37	1.18	0.40	0.69	0.250	1.87				5.52
Other labor	hour											0.1250	7.50	0.93	0.93
Module Builder	32 Ft	143	1.000	0.25	Nov	4.34	3.13	2.93	5.10	0.275	2.06				17.58
Other labor	hour											0.1250	7.50	0.93	0.93
Cotton Picker second	4 Row		0.170	0.50	Nov			6.44	8.46	0.093	1.12				16.03
Module hauling	bale			1.00	Nov							0.9500	5.00	4.75	4.75
Stalk cutter	13.3 ft	93	0.130	1.00	Nov	1.52	1.01	0.30	0.90	0.143	1.07				4.82
Ginning cost	lbs			1.00	Nov							750.0000	0.08	60.00	60.00
Insect scout	acre			1.00	Nov							1.0000	9.00	9.00	9.00
Disk	26.6 ft	168	0.070	1.00	Nov	1.39	0.98	0.64	0.96	0.077	0.57				4.56
Hipper	26.6 ft	168	0.070	1.00	Nov	1.39	0.98	0.28	0.42	0.077	0.57				3.66
Conditioner	26.6 Ft	168	0.070	1.00	Nov	1.39	0.98	0.43	0.57	0.077	0.57				3.96
Storage	bale			1.00	Nov							1.5630	25.00	39.07	39.07
TOTALS						25.89	18.71	31.93	45.16	2.389	19.43			354.43	495.57
INTEREST ON OPERATING CAPITAL															14.64
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															510.21

Table 12.A Estimated costs and returns per acre, Bt Cotton, sandy soil, 8-row equipment, solid planted, owner-operators, alluvial soils, northeast Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton lint	lbs	0.60	800.0000	480.00	_____
Cottonseed prod	lb	0.05	1240.0000	62.00	_____
Cotton checkoff	bale	2.44	-1.6670	-4.06	_____
TOTAL INCOME				537.94	_____
DIRECT EXPENSES					
CUSTOM					
Airplane lo-vol (NE)	acre	2.38	5.0000	11.90	_____
Airplane hi-vol (NE)	acre	3.60	1.0000	3.60	_____
DEFOLIANT					
Drop	lbs	56.34	0.2000	11.26	_____
Prep	pt	6.53	1.3330	8.70	_____
GROWTH REGULATORS					
Pix	oz	0.77	8.0000	6.16	_____
FERTILIZER					
Nitrogen	lbs	0.25	90.0000	22.50	_____
FUNGICIDES					
TSX 18.8G	lbs	1.44	10.0000	14.40	_____
HERBICIDES					
Treflan 4L	pt	3.19	1.5000	4.78	_____
Zorial 80DF	lbs	14.17	0.8000	11.33	_____
Cotoran 4L	qt	8.65	1.1000	9.51	_____
MSMA 6.6	pt	2.22	1.8000	3.99	_____
Surfactant	pt	2.01	1.2000	2.41	_____
Bladex 4L	pt	3.71	2.5000	9.27	_____
Fusilade DX	pt	15.02	0.3000	4.50	_____
Crop oil	pt	0.86	0.3000	0.25	_____
HIRED LABOR					
Other labor	hour	7.50	0.3700	2.77	_____
INSECTICIDES					
Temik 15G	lbs	3.32	3.3300	11.05	_____
Ammo 2.5E	oz	1.65	1.2800	2.11	_____
Bidrin 8EC	pt	11.13	0.4000	4.45	_____
Karate Z2	oz	3.79	4.2600	16.14	_____
Orthene 90SP	lb	10.19	1.5000	15.28	_____
OTHER					
Bt Cotton Fee	acre	26.40	1.0000	26.40	_____
BWE assessment (NE)	acre	15.00	1.0000	15.00	_____
Module hauling	bale	5.00	1.1700	5.85	_____
Ginning cost	lbs	0.08	800.0000	64.00	_____
Insect Scout (Bt)	acre	12.00	1.0000	12.00	_____
Storage	bale	25.00	1.6670	41.67	_____
SEED					
Bt Cotton Seed	lb	1.03	10.0000	10.30	_____
OPERATOR LABOR					
Tractors	hour	7.50	2.7580	20.68	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.3355	4.02	_____
DIESEL FUEL					
Tractors	gal	1.17	17.7540	20.77	_____
Self-Propelled Eq.	gal	1.17	2.9280	3.42	_____
GASOLINE					
Tractors	gal	1.43	0.6250	0.89	_____
REPAIR & MAINTENANCE					
Implements	acre	11.49	1.0000	11.49	_____
Tractors	acre	17.45	1.0000	17.45	_____
Self-Propelled Eq.	acre	19.70	1.0000	19.70	_____
INTEREST ON OP. CAP.	acre	16.58	1.0000	16.58	_____
TOTAL DIRECT EXPENSES				466.71	_____
RETURNS ABOVE DIRECT EXPENSES				71.23	_____
FIXED EXPENSES					
Implements	acre	18.87	1.0000	18.87	_____
Tractors	acre	28.11	1.0000	28.11	_____
Self-Propelled Eq.	acre	30.36	1.0000	30.36	_____
TOTAL FIXED EXPENSES				77.35	_____
TOTAL SPECIFIED EXPENSES				544.07	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-6.12	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	73.65	1.0000	73.65	_____
RESIDUAL RETURNS					
Land (Oppor. Cst.)MS	acre	90.00	1.0000	90.00	_____
RESIDUAL RETURNS				-169.77	_____

Table 12.B Estimated resource use and costs for field operations, per acre
 Bt Cotton, sandy soil, 8-row equipment, solid planted,
 owner-operators, alluvial soils, northeast Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----						dollars		-----dollars-----	
Subsoiler	3 shank	168	0.400	1.00	Jan	7.95	5.64	0.66	1.01	0.440	3.30				18.58
Disk	26.6 ft	168	0.070	1.00	Jan	1.39	0.98	0.64	0.96	0.077	0.57				4.56
Disk	26.6 ft	168	0.070	1.00	Mar	1.39	0.98	0.64	0.96	0.077	0.57				4.56
Disk + pre	26.6 ft	168	0.070	1.00	Apr	1.39	0.98	0.69	1.03	0.077	0.57				4.68
Treflan 4L	pt											1.5000	3.19	4.78	4.78
Zorial 80DF	lbs											0.8000	14.17	11.33	11.33
Fertilizer app (R)	20 ft	93	0.090	1.00	Apr	0.48	0.70		0.00	0.099	0.74	90.0000	0.25	22.50	22.50
Nitrogen	lbs														1.93
Hipper	26.6 ft	168	0.070	1.00	Apr	1.39	0.98	0.28	0.42	0.077	0.57				3.66
Conditioner	26.6 Ft	168	0.070	1.00	Apr	1.39	0.98	0.43	0.57	0.077	0.57				3.96
Plant + pre	26.6 Ft	168	0.080	1.00	Apr	1.59	1.12	0.92	1.47	0.088	0.66				5.77
Cotoran 4L	qt											0.6000	8.65	5.19	5.19
Bt Cotton Seed	lb											10.0000	1.03	10.30	10.30
Other labor	hour											0.1200	7.50	0.90	0.90
Temik 15G	lbs											3.3300	3.32	11.05	11.05
TSX 18.8G	lbs											10.0000	1.44	14.40	14.40
Ammo 2.5E	oz											1.2800	1.65	2.11	2.11
Trailer utility	10 Ft	93	1.000	0.23	Apr	2.69	1.80	0.05	0.23	0.253	1.89				6.68
Ditcher rotary	1.5 ft	93	0.050	1.00	Apr	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Bt Cotton Fee	acre			1.00	Apr							1.0000	26.40	26.40	26.40
Cultivate + Post	26.6 ft	168	0.080	1.00	May	1.59	1.12	0.42	0.62	0.088	0.66				4.43
Bidrin 8EC	pt											0.1000	11.13	1.11	1.11
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Cultivate + Post	26.6 ft	168	0.080	1.00	May	1.59	1.12	0.42	0.62	0.088	0.66				4.43
MSMA 6.6	pt											0.9000	2.22	1.99	1.99
Cotoran 4L	qt											0.5000	8.65	4.32	4.32
Surfactant	pt											0.4000	2.01	0.80	0.80
Bidrin 8EC	pt											0.2000	11.13	2.22	2.22
Cultivate + Post	26.6 ft	168	0.080	1.00	Jun	1.59	1.12	0.42	0.62	0.088	0.66				4.43
Bladex 4L	pt											1.0000	3.71	3.71	3.71
Surfactant	pt											0.4000	2.01	0.80	0.80
MSMA 6.6	pt											0.9000	2.22	1.99	1.99
Pix	oz											4.0000	0.77	3.08	3.08
Ditcher rotary	1.5 ft	93	0.050	1.00	Jun	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Cultivate + Post	26.6 ft	168	0.080	1.00	Jun	1.59	1.12	0.42	0.62	0.088	0.66				4.43
Bladex 4L	pt											1.5000	3.71	5.56	5.56
Surfactant	pt											0.4000	2.01	0.80	0.80
BWE assessment (NE)	acre			1.00	Jul							1.0000	15.00	15.00	15.00
Boom sprayer	30 ft	93	0.060	1.00	Jul	0.70	0.47	0.16	0.18	0.066	0.49				2.01
Fusilade DX	pt											0.3000	15.02	4.50	4.50
Crop oil	pt											0.3000	0.86	0.25	0.25
Karate Z2	oz			1.00	Jul							2.1300	3.79	8.07	8.07
Pix	oz											4.0000	0.77	3.08	3.08
Airplane lo-vol (NE)	acre			1.00	Aug							1.0000	2.38	2.38	2.38
Karate Z2	oz											1.0000	2.38	2.38	2.38
Orthene 90SP	lb											2.1300	3.79	8.07	8.07
Airplane lo-vol (NE)	acre			1.00	Aug							0.5000	10.19	5.09	5.09
Bidrin 8EC	pt											1.0000	2.38	2.38	2.38
Airplane lo-vol (NE)	acre			1.00	Sep							0.1000	11.13	1.11	1.11
Orthene 90SP	lb											1.0000	2.38	2.38	2.38
Airplane lo-vol (NE)	acre			1.00	Sep							0.5000	10.19	5.09	5.09
Orthene 90SP	lb											1.0000	2.38	2.38	2.38
Airplane hi-vol (NE)	acre			1.00	Oct							0.5000	10.19	5.09	5.09
Dropp	lbs											1.0000	3.60	3.60	3.60
Prep	pt											0.2000	56.34	11.26	11.26
Cotton Picker-MB-BB	4 Row		0.220	1.00	Oct			16.68	21.90	0.242	2.90	1.3330	6.53	8.70	8.70
Boll buggy	6 bale	118	1.000	0.22	Oct	3.35	2.41	1.32	2.29	0.242	1.81				41.49
Trailer cotton	10 bale	1\2 ton	1.000	0.25	Nov	1.37	1.18	0.40	0.69	0.250	1.87				11.19
Other labor	hour											0.1250	7.50	0.93	0.93
Module Builder	32 Ft	143	1.000	0.25	Nov	4.34	3.13	2.93	5.10	0.275	2.06				17.58
Other labor	hour											0.1250	7.50	0.93	0.93
Module hauling	bale			1.00	Nov							1.1700	5.00	5.85	5.85
Cotton Picker second	4 Row		0.170	0.50	Nov			6.44	8.46	0.093	1.12				16.03
Stalk cutter	13.3 ft	93	0.130	1.00	Nov	1.52	1.01	0.30	0.90	0.143	1.07				4.82
Ginning cost	lbs			1.00	Nov							800.0000	0.08	64.00	64.00
Insect Scout (Bt)	acre			1.00	Nov							1.0000	12.00	12.00	12.00
Storage	bale			1.00	Nov							1.6670	25.00	41.67	41.67
TOTALS						39.12	28.11	34.62	49.24	3.093	24.71			351.66	527.48
INTEREST ON OPERATING CAPITAL															16.58
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															544.07

Table 13.A Estimated costs and returns per acre, Stacked gene cotton, sandy soil, 8-row equipment, solid planted, owner-operators, alluvial soils, northeast Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton lint	lbs	0.60	800.0000	480.00	_____
Cottonseed prod	lbs	0.05	1240.0000	62.00	_____
Cotton checkoff	bale	2.44	-1.6670	-4.06	_____
TOTAL INCOME				537.93	_____
DIRECT EXPENSES					
CUSTOM					
Airplane lo-vol (NE)	acre	2.38	4.0000	9.52	_____
Airplane hi-vol (NE)	acre	3.60	1.0000	3.60	_____
DEFOLIANT					
Drop	lbs	56.34	0.2000	11.26	_____
Prep	pt	6.53	1.3330	8.70	_____
GROWTH REGULATORS					
Pix	oz	0.77	4.0000	3.08	_____
FERTILIZER					
Nitrogen	lbs	0.25	90.0000	22.50	_____
FUNGICIDES					
TSX 18.8G	lbs	1.44	10.0000	14.40	_____
HERBICIDES					
Roundup Ultra	pt	4.68	7.5000	35.10	_____
Cotoran 4L	qt	8.65	0.6000	5.19	_____
Bladex 4L	pt	3.71	0.7500	2.78	_____
Fusilade DX	pt	15.02	0.3000	4.50	_____
Crop oil	pt	0.86	0.3000	0.25	_____
HIRED LABOR					
Other labor	hour	7.50	0.3700	2.77	_____
INSECTICIDES					
Temik 15G	lbs	3.32	3.3300	11.05	_____
Ammo 2.5E	oz	1.65	1.2800	2.11	_____
Bidrin 8EC	pt	11.13	0.3000	3.33	_____
Karate Z2	oz	3.79	4.2600	16.14	_____
Orthene 90SP	lb	10.19	1.5000	15.28	_____
OTHER					
BT/RR Tech Fee	acre	33.80	1.0000	33.80	_____
BWE assessment (NE)	acre	15.00	1.0000	15.00	_____
Module hauling	bale	5.00	1.1700	5.85	_____
Ginning cost	lbs	0.08	800.0000	64.00	_____
Insect Scout (Bt)	acre	12.00	1.0000	12.00	_____
Storage	bale	25.00	1.6670	41.67	_____
SEED					
BT/RR Cotton Seed	lbs	1.15	10.0000	11.50	_____
OPERATOR LABOR					
Tractors	hour	7.50	2.5710	19.28	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.3718	4.46	_____
DIESEL FUEL					
Tractors	gal	1.17	15.6370	18.29	_____
Self-Propelled Eq.	gal	1.17	3.0237	3.53	_____
GASOLINE					
Tractors	gal	1.43	0.6250	0.89	_____
REPAIR & MAINTENANCE					
Implements	acre	9.02	1.0000	9.02	_____
Tractors	acre	15.87	1.0000	15.87	_____
Self-Propelled Eq.	acre	20.09	1.0000	20.09	_____
INTEREST ON OP. CAP.	acre	16.39	1.0000	16.39	_____
TOTAL DIRECT EXPENSES				463.31	_____
RETURNS ABOVE DIRECT EXPENSES				74.61	_____
FIXED EXPENSES					
Implements	acre	15.32	1.0000	15.32	_____
Tractors	acre	25.34	1.0000	25.34	_____
Self-Propelled Eq.	acre	31.28	1.0000	31.28	_____
TOTAL FIXED EXPENSES				71.95	_____
TOTAL SPECIFIED EXPENSES				535.26	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				2.66	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	73.65	1.0000	73.65	_____
RESIDUAL RETURNS					
Land (Oppor. Cst.)MS	acre	90.00	1.0000	90.00	_____
RESIDUAL RETURNS				-160.98	_____

Table 13.B Estimated resource use and costs for field operations, per acre
 Stacked gene cotton, sandy soil, 8-row equipment, solid
 planted, owner-operators, alluvial soils, northeast Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Subsoiler	3 shank	168	0.400	1.00	Jan	7.95	5.64	0.66	1.01	0.440	3.30				18.58
Hipper	26.6 ft	168	0.070	1.00	Jan	1.39	0.98	0.28	0.42	0.077	0.57				3.66
Boom sprayer	30 ft	93	0.060	1.00	Apr	0.70	0.47	0.16	0.18	0.066	0.49				2.01
Roundup Ultra	pt											2.0000	4.68	9.36	9.36
Fertilizer app (R) Nitrogen	20 ft lbs	93	0.090	1.00	Apr	0.48	0.70		0.00	0.099	0.74	90.0000	0.25	22.50	1.93
Conditioner	26.6 Ft	168	0.070	1.00	Apr	1.39	0.98	0.43	0.57	0.077	0.57				22.50
Plant + pre	26.6 Ft	168	0.080	1.00	Apr	1.59	1.12	0.92	1.47	0.088	0.66				3.96
Cotoran 4L	qt											0.6000	8.65	5.19	5.19
BT/RR Cotton Seed	lbs											10.0000	1.15	11.50	11.50
Other labor	hour											0.1200	7.50	0.90	0.90
Temik 15G	lbs											3.3300	3.32	11.05	11.05
TSX 18.8G	lbs											10.0000	1.44	14.40	14.40
Ammo 2.5E	oz											1.2800	1.65	2.11	2.11
Trailer utility	10 Ft	93	1.000	0.23	Apr	2.69	1.80	0.05	0.23	0.253	1.89				6.68
Ditcher rotary	1.5 ft	93	0.050	1.00	Apr	0.58	0.39	0.11	0.16	0.055	0.41				1.66
BT/RR Tech Fee	acre			1.00	Apr							1.0000	33.80	33.80	33.80
Hooded sprayer	8-row	143	0.100	1.00	May	1.73	1.25	0.31	0.51	0.110	0.82				4.64
Roundup Ultra	pt											2.0000	4.68	9.36	9.36
Bidrin 8EC	pt											0.1000	11.13	1.11	1.11
Hooded sprayer	8-row	143	0.100	1.00	May	1.73	1.25	0.31	0.51	0.110	0.82				4.64
Roundup Ultra	pt											1.5000	4.68	7.02	7.02
Bidrin 8EC	pt											0.1000	11.13	1.11	1.11
Hooded sprayer	8-row	143	0.100	1.00	Jun	1.73	1.25	0.31	0.51	0.110	0.82				4.64
Roundup Ultra	pt											2.0000	4.68	9.36	9.36
Hooded sprayer	8-row	143	0.100	1.00	Jun	1.73	1.25	0.31	0.51	0.110	0.82				4.64
Bladex 4L	pt											0.7500	3.71	2.78	2.78
BWE assessment (NE)	acre			1.00	Jul							1.0000	15.00	15.00	15.00
Boom sprayer	30 ft	93	0.060	1.00	Jul	0.70	0.47	0.16	0.18	0.066	0.49				2.01
Fusilade DX	pt											0.3000	15.02	4.50	4.50
Crop oil	pt											0.3000	0.86	0.25	0.25
Hi-cycle sprayer	60 Ft		0.033	1.00	Jul			0.50	0.91	0.036	0.43				1.86
Karate Z2	oz											2.1300	3.79	8.07	8.07
Pix	oz											4.0000	0.77	3.08	3.08
Airplane lo-vol (NE)	acre			1.00	Aug							1.0000	2.38	2.38	2.38
Karate Z2	oz											2.1300	3.79	8.07	8.07
Orthene 90SP	lb											0.5000	10.19	5.09	5.09
Airplane lo-vol (NE)	acre			1.00	Aug							1.0000	2.38	2.38	2.38
Bidrin 8EC	pt											0.1000	11.13	1.11	1.11
Airplane lo-vol (NE)	acre			1.00	Sep							1.0000	2.38	2.38	2.38
Orthene 90SP	lb											0.5000	10.19	5.09	5.09
Airplane lo-vol (NE)	acre			1.00	Sep							1.0000	2.38	2.38	2.38
Orthene 90SP	lb											0.5000	10.19	5.09	5.09
Airplane hi-vol (NE)	acre			1.00	Oct							1.0000	3.60	3.60	3.60
Dropp	lbs											0.2000	56.34	11.26	11.26
Prep	pt											1.3330	6.53	8.70	8.70
Cotton Picker-MB-BB	4 Row		0.220	1.00	Oct			16.68	21.90	0.242	2.90				41.49
Boll buggy	6 bale	118	1.000	0.22	Oct	3.35	2.41	1.32	2.29	0.242	1.81				11.19
Trailer cotton	10 bale	1\2 ton	1.000	0.25	Nov	1.37	1.18	0.40	0.69	0.250	1.87				5.52
Other labor	hour											0.1250	7.50	0.93	0.93
Module Builder	32 Ft	143	1.000	0.25	Nov	4.34	3.13	2.93	5.10	0.275	2.06				17.58
Other labor	hour											0.1250	7.50	0.93	0.93
Module hauling	bale			1.00	Nov							1.1700	5.00	5.85	5.85
Cotton Picker second	4 Row		0.170	0.50	Nov			6.44	8.46	0.093	1.12				16.03
Stalk cutter	13.3 ft	93	0.130	1.00	Nov	1.52	1.01	0.30	0.90	0.143	1.07				4.82
Ginning cost	lbs			1.00	Nov							800.0000	0.08	64.00	64.00
Insect Scout (Bt)	acre			1.00	Nov							1.0000	12.00	12.00	12.00
Storage	bale			1.00	Nov							1.6670	25.00	41.67	41.67
TOTALS						35.06	25.34	32.66	46.61	2.942	23.74			355.44	518.87
INTEREST ON OPERATING CAPITAL															16.39
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															535.26

Table 14.A Estimated costs and returns per acre
Cotton, silty soil, 8-row equipment, solid planted,
owner-operators, Macon Ridge Area, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton lint	lbs	0.60	650.0000	390.00	_____
Cottonseed prod	lb	0.05	1008.0000	50.40	_____
Cotton checkoff	bale	2.44	-1.0800	-2.63	_____
TOTAL INCOME				437.76	_____
DIRECT EXPENSES					
CUSTOM					
Fertilizer Truck	acre	3.95	1.0000	3.95	_____
Airplane lo-vol (NE)	acre	2.38	4.0000	9.52	_____
Airplane hi-vol (NE)	acre	3.60	1.0000	3.60	_____
DEFOLIANT					
Def	pt	5.61	0.7500	4.20	_____
Dropp	lbs	56.34	0.1500	8.45	_____
FERTILIZER					
Lime (spread)	ton	30.80	0.2500	7.70	_____
Nitrogen	lbs	0.25	90.0000	22.50	_____
Phosphate	lbs	0.19	50.0000	9.50	_____
Potash	lbs	0.15	60.0000	9.00	_____
Boron	lbs	0.38	1.0000	0.38	_____
FUNGICIDES					
TSX 18.8G	lbs	1.44	10.0000	14.40	_____
HERBICIDES					
Treflan 4L	pt	3.19	1.2500	3.98	_____
Cotoran 4L	qt	8.65	1.0000	8.65	_____
Zorial 80DF	lbs	14.17	0.8000	11.33	_____
DSMA 4L	pt	1.01	2.5000	2.52	_____
Surfactant	pt	2.01	1.2000	2.41	_____
Caparol 4L	qt	6.99	0.3000	2.09	_____
MSMA 6.6	pt	2.22	1.8000	3.99	_____
Karmex	lbs	4.33	0.2000	0.86	_____
Fusilade DX	pt	15.02	0.2000	3.00	_____
Crop oil	pt	0.86	0.2000	0.17	_____
HIRED LABOR					
Other labor	hour	7.50	0.2500	1.87	_____
INSECTICIDES					
Temik 15G	lbs	3.32	3.3300	11.05	_____
Ammo 2.5E	oz	1.65	1.2800	2.11	_____
Bidrin 8EC	pt	11.13	0.2000	2.22	_____
Karate Z2	oz	3.79	2.1300	8.07	_____
Tracer 4EC	oz	5.76	4.6600	26.84	_____
Orthene 90SP	lb	10.19	1.0000	10.19	_____
OTHER					
BWE assessment (NE)	acre	15.00	1.0000	15.00	_____
Module hauling	bale	5.00	1.0800	5.40	_____
Ginning cost	lbs	0.08	650.0000	52.00	_____
Insect scout	acre	9.00	1.0000	9.00	_____
Storage	bale	25.00	1.3500	33.75	_____
SEED					
Cotton seed	lbs	0.88	10.0000	8.80	_____
OPERATOR LABOR					
Tractors	hour	7.50	2.3400	17.55	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.3355	4.02	_____
DIESEL FUEL					
Tractors	gal	1.17	14.3260	16.76	_____
Self-Propelled Eq.	gal	1.17	2.9280	3.42	_____
GASOLINE					
Tractors	gal	1.43	0.6250	0.89	_____
REPAIR & MAINTENANCE					
Implements	acre	10.88	1.0000	10.88	_____
Tractors	acre	14.39	1.0000	14.39	_____
Self-Propelled Eq.	acre	19.70	1.0000	19.70	_____
INTEREST ON OP. CAP.	acre	15.46	1.0000	15.46	_____
TOTAL DIRECT EXPENSES				421.68	_____
RETURNS ABOVE DIRECT EXPENSES				16.08	_____
FIXED EXPENSES					
Implements	acre	18.00	1.0000	18.00	_____
Tractors	acre	23.13	1.0000	23.13	_____
Self-Propelled Eq.	acre	30.36	1.0000	30.36	_____
TOTAL FIXED EXPENSES				71.50	_____
TOTAL SPECIFIED EXPENSES				493.18	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-55.42	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	73.65	1.0000	73.65	_____
RESIDUAL RETURNS				-129.07	_____

Table 14.B Estimated resource use and costs for field operations, per acre
 Cotton, silty soil, 8-row equipment, solid planted,
 owner-operators, Macon Ridge Area, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	ton			1.00	Jan							0.2500	30.80	7.70	7.70
Chisel plow	20 ft	168	0.090	1.00	Jan	1.79	1.26	0.47	0.70	0.099	0.74				4.98
Disk	26.6 ft	168	0.070	1.00	Jan	1.39	0.98	0.64	0.96	0.077	0.57				4.56
Disk	26.6 ft	168	0.070	1.00	Mar	1.39	0.98	0.64	0.96	0.077	0.57				4.56
Field cult + pre	32 ft	168	0.060	1.00	Apr	1.19	0.84	0.43	0.64	0.066	0.49				3.61
Treflan 4L	pt											1.2500	3.19	3.98	3.98
Fertilizer Truck	acre			1.00	Apr							1.0000	3.95	3.95	3.95
Nitrogen	lbs											20.0000	0.25	5.00	5.00
Phosphate	lbs											50.0000	0.19	9.50	9.50
Potash	lbs											60.0000	0.15	9.00	9.00
Boron	lbs											1.0000	0.38	0.38	0.38
Hipper	26.6 ft	168	0.070	1.00	Apr	1.39	0.98	0.28	0.42	0.077	0.57				3.66
Conditioner	26.6 Ft	168	0.070	1.00	Apr	1.39	0.98	0.43	0.57	0.077	0.57				3.96
Plant + pre	26.6 Ft	168	0.080	1.00	Apr	1.59	1.12	0.92	1.47	0.088	0.66				5.77
Cotoran 4L	qt											0.5000	8.65	4.32	4.32
Zorial 80DF	lbs											0.8000	14.17	11.33	11.33
Cotton seed	lbs											10.0000	0.88	8.80	8.80
Temik 15G	lbs											3.3300	3.32	11.05	11.05
TSX 18.8G	lbs											10.0000	1.44	14.40	14.40
Ammo 2.5E	oz											1.2800	1.65	2.11	2.11
Trailer utility	10 Ft	93	1.000	0.23	Apr	2.69	1.80	0.05	0.23	0.253	1.89				6.68
Ditcher rotary	1.5 ft	93	0.050	1.00	Apr	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Cultivate + Post	26.6 ft	168	0.080	1.00	May	1.59	1.12	0.42	0.62	0.088	0.66				4.43
Cotoran 4L	qt											0.5000	8.65	4.32	4.32
DSMA 4L	pt											2.5000	1.01	2.52	2.52
Surfactant	pt											0.4000	2.01	0.80	0.80
Bidrin 8EC	pt											0.1000	11.13	1.11	1.11
Fertilizer app (R)	20 ft	93	0.090	1.00	May	0.48	0.70		0.00	0.099	0.74				1.93
Nitrogen	lbs											70.0000	0.25	17.50	17.50
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Cultivate + Post	26.6 ft	168	0.080	1.00	May	1.59	1.12	0.42	0.62	0.088	0.66				4.43
Bidrin 8EC	pt											0.1000	11.13	1.11	1.11
Caparol 4L	qt											0.3000	6.99	2.09	2.09
MSMA 6.6	pt											0.9000	2.22	1.99	1.99
Surfactant	pt											0.4000	2.01	0.80	0.80
Cultivate + Post	26.6 ft	168	0.080	1.00	Jun	1.59	1.12	0.42	0.62	0.088	0.66				4.43
Karmex	lbs											0.2000	4.33	0.86	0.86
MSMA 6.6	pt											0.9000	2.22	1.99	1.99
Surfactant	pt											0.4000	2.01	0.80	0.80
Ditcher rotary	1.5 ft	93	0.050	1.00	Jun	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Cultivate + Post	26.6 ft	168	0.080	1.00	Jun	1.59	1.12	0.42	0.62	0.088	0.66				4.43
Fusilade DX	pt											0.2000	15.02	3.00	3.00
Crop oil	pt											0.2000	0.86	0.17	0.17
BWE assessment (NE)	acre			1.00	Jul							1.0000	15.00	15.00	15.00
Airplane lo-vol (NE)	acre			1.00	Jul							1.0000	2.38	2.38	2.38
Karate Z2	oz											2.1300	3.79	8.07	8.07
Airplane lo-vol (NE)	acre			1.00	Jul							1.0000	2.38	2.38	2.38
Tracer 4EC	oz											2.3300	5.76	13.42	13.42
Airplane lo-vol (NE)	acre			1.00	Aug							1.0000	2.38	2.38	2.38
Tracer 4EC	oz											2.3300	5.76	13.42	13.42
Orthene 90SP	lb											0.5000	10.19	5.09	5.09
Airplane lo-vol (NE)	acre			1.00	Aug							1.0000	2.38	2.38	2.38
Orthene 90SP	lb											0.5000	10.19	5.09	5.09
Airplane hi-vol (NE)	acre			1.00	Oct							1.0000	3.60	3.60	3.60
Def	pt											0.7500	5.61	4.20	4.20
Drapp	lbs											0.1500	56.34	8.45	8.45
Cotton Picker-MB-BB	4 Row		0.220	1.00	Oct			16.68	21.90	0.242	2.90				41.49
Boll buggy	6 bale	118	1.000	0.22	Oct	3.35	2.41	1.32	2.29	0.242	1.81				11.19
Trailer cotton	10 bale	1\2 ton	1.000	0.25	Nov	1.37	1.18	0.40	0.69	0.250	1.87				5.52
Other labor	hour											0.1250	7.50	0.93	0.93
Module Builder	32 Ft	143	1.000	0.25	Nov	4.34	3.13	2.93	5.10	0.275	2.06				17.58
Other labor	hour											0.1250	7.50	0.93	0.93
Cotton Picker second	4 Row		0.170	0.50	Nov			6.44	8.46	0.093	1.12				16.03
Module hauling	bale			1.00	Nov							1.0800	5.00	5.40	5.40
Stalk cutter	13.3 ft	93	0.130	1.00	Nov	1.52	1.01	0.30	0.90	0.143	1.07				4.82
Ginning cost	lbs			1.00	Nov							650.0000	0.08	52.00	52.00
Insect scout	acre			1.00	Nov							1.0000	9.00	9.00	9.00
Storage	bale			1.00	Nov							1.3500	25.00	33.75	33.75
TOTALS						32.05	23.13	34.01	48.37	2.675	21.57			318.57	477.71
INTEREST ON OPERATING CAPITAL															15.46
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															493.18

Table 15.A Estimated costs and returns per acre
 Cotton, silty soil, 8-row equipment, solid planted,
 tenant-operators, Macon Ridge Area, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton lint	lbs	0.60	650.0000	390.00	_____
Cottonseed prod	lb	0.05	1008.0000	50.40	_____
Cotton checkoff	bale	2.44	-1.0800	-2.63	_____
Lint share rent	lbs	0.60	-130.0000	-78.00	_____
Seed share rent	lbs	0.05	-202.0000	-10.10	_____

TOTAL INCOME				349.66	_____
DIRECT EXPENSES					
CUSTOM					
Fertilizer Truck	acre	3.95	1.0000	3.95	_____
Airplane lo-vol (NE)	acre	2.38	4.0000	9.52	_____
Airplane hi-vol (NE)	acre	3.60	1.0000	3.60	_____
DEFOLIANT					
Def	pt	5.61	0.7500	4.20	_____
Dropp	lbs	56.34	0.1500	8.45	_____
FERTILIZER					
Lime (spread)	ton	30.80	0.2500	7.70	_____
Nitrogen	lbs	0.25	90.0000	22.50	_____
Phosphate	lbs	0.19	50.0000	9.50	_____
Potash	lbs	0.15	60.0000	9.00	_____
Boron	lbs	0.38	1.0000	0.38	_____
FUNGICIDES					
TSX 18.8G	lbs	1.44	10.0000	14.40	_____
HERBICIDES					
Treflan 4L	pt	3.19	1.2500	3.98	_____
Cotoran 4L	qt	8.65	1.0000	8.65	_____
Zorial 80DF	lbs	14.17	0.8000	11.33	_____
DSMA 4L	pt	1.01	2.5000	2.52	_____
Surfactant	pt	2.01	1.2000	2.41	_____
Caparol 4L	qt	6.99	0.3000	2.09	_____
MSMA 6.6	pt	2.22	1.8000	3.99	_____
Karmex	lbs	4.33	0.2000	0.86	_____
Fusilade DX	pt	15.02	0.2000	3.00	_____
Crop oil	pt	0.86	0.2000	0.17	_____
HIRED LABOR					
Other labor	hour	7.50	0.2500	1.87	_____
INSECTICIDES					
Temik 15G	lbs	3.32	3.3300	11.05	_____
Ammo 2.5E	oz	1.65	1.2800	2.11	_____
Bidrin 8EC	pt	11.13	0.2000	2.22	_____
Karate Z2	oz	3.79	2.1300	8.07	_____
Tracer 4EC	oz	5.76	4.6600	26.84	_____
Orthene 90SP	lb	10.19	1.0000	10.19	_____
OTHER					
BWE assessment (NE)	acre	15.00	1.0000	15.00	_____
Module hauling	bale	5.00	1.0800	5.40	_____
Ginning cost	lbs	0.08	520.0000	41.60	_____
Insect scout	acre	9.00	1.0000	9.00	_____
Storage	bale	25.00	1.0860	27.15	_____
SEED					
Cotton seed	lbs	0.88	10.0000	8.80	_____
OPERATOR LABOR					
Tractors	hour	7.50	2.3400	17.55	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.3355	4.02	_____
DIESEL FUEL					
Tractors	gal	1.17	14.3260	16.76	_____
Self-Propelled Eq.	gal	1.17	2.9280	3.42	_____
GASOLINE					
Tractors	gal	1.43	0.6250	0.89	_____
REPAIR & MAINTENANCE					
Implements	acre	10.88	1.0000	10.88	_____
Tractors	acre	14.39	1.0000	14.39	_____
Self-Propelled Eq.	acre	19.70	1.0000	19.70	_____
INTEREST ON OP. CAP.	acre	15.32	1.0000	15.32	_____

TOTAL DIRECT EXPENSES				404.54	_____
RETURNS ABOVE DIRECT EXPENSES				-54.87	_____
FIXED EXPENSES					
Implements	acre	18.00	1.0000	18.00	_____
Tractors	acre	23.13	1.0000	23.13	_____
Self-Propelled Eq.	acre	30.36	1.0000	30.36	_____

TOTAL FIXED EXPENSES				71.50	_____

TOTAL SPECIFIED EXPENSES				476.04	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-126.37	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	73.65	1.0000	73.65	_____
RESIDUAL RETURNS				-200.02	_____

Table 15.B Estimated resource use and costs for field operations, per acre
 Cotton, silty soil, 8-row equipment, solid planted,
 tenant-operators, Macon Ridge Area, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	ton			1.00	Jan							0.2500	30.80	7.70	7.70
Chisel plow	20 ft	168	0.090	1.00	Jan	1.79	1.26	0.47	0.70	0.099	0.74				4.98
Disk	26.6 ft	168	0.070	1.00	Jan	1.39	0.98	0.64	0.96	0.077	0.57				4.56
Disk	26.6 ft	168	0.070	1.00	Mar	1.39	0.98	0.64	0.96	0.077	0.57				4.56
Field cult + pre	32 ft	168	0.060	1.00	Apr	1.19	0.84	0.43	0.64	0.066	0.49				3.61
Treflan 4L	pt											1.2500	3.19	3.98	3.98
Fertilizer Truck	acre			1.00	Apr							1.0000	3.95	3.95	3.95
Nitrogen	lbs											20.0000	0.25	5.00	5.00
Phosphate	lbs											50.0000	0.19	9.50	9.50
Potash	lbs											60.0000	0.15	9.00	9.00
Boron	lbs											1.0000	0.38	0.38	0.38
Hipper	26.6 ft	168	0.070	1.00	Apr	1.39	0.98	0.28	0.42	0.077	0.57				3.66
Conditioner	26.6 Ft	168	0.070	1.00	Apr	1.39	0.98	0.43	0.57	0.077	0.57				3.96
Plant + pre	26.6 Ft	168	0.080	1.00	Apr	1.59	1.12	0.92	1.47	0.088	0.66				5.77
Cotoran 4L	qt											0.5000	8.65	4.32	4.32
Zorial 80DF	lbs											0.8000	14.17	11.33	11.33
Cotton seed	lbs											10.0000	0.88	8.80	8.80
Temik 15G	lbs											3.3300	3.32	11.05	11.05
TSX 18.8G	lbs											10.0000	1.44	14.40	14.40
Ammo 2.5E	oz											1.2800	1.65	2.11	2.11
Trailer utility	10 Ft	93	1.000	0.23	Apr	2.69	1.80	0.05	0.23	0.253	1.89				6.68
Ditcher rotary	1.5 ft	93	0.050	1.00	Apr	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Cultivate + Post	26.6 ft	168	0.080	1.00	May	1.59	1.12	0.42	0.62	0.088	0.66				4.43
Cotoran 4L	qt											0.5000	8.65	4.32	4.32
DSMA 4L	pt											2.5000	1.01	2.52	2.52
Surfactant	pt											0.4000	2.01	0.80	0.80
Bidrin 8EC	pt											0.1000	11.13	1.11	1.11
Fertilizer app (R)	20 ft	93	0.090	1.00	May	0.48	0.70		0.00	0.099	0.74				1.93
Nitrogen	lbs											70.0000	0.25	17.50	17.50
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Cultivate + Post	26.6 ft	168	0.080	1.00	May	1.59	1.12	0.42	0.62	0.088	0.66				4.43
Bidrin 8EC	pt											0.1000	11.13	1.11	1.11
Caparol 4L	qt											0.3000	6.99	2.09	2.09
MSMA 6.6	pt											0.9000	2.22	1.99	1.99
Surfactant	pt											0.4000	2.01	0.80	0.80
Cultivate + Post	26.6 ft	168	0.080	1.00	Jun	1.59	1.12	0.42	0.62	0.088	0.66				4.43
Karmex	lbs											0.2000	4.33	0.86	0.86
MSMA 6.6	pt											0.9000	2.22	1.99	1.99
Surfactant	pt											0.4000	2.01	0.80	0.80
Ditcher rotary	1.5 ft	93	0.050	1.00	Jun	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Cultivate + Post	26.6 ft	168	0.080	1.00	Jun	1.59	1.12	0.42	0.62	0.088	0.66				4.43
Fusilade DX	pt											0.2000	15.02	3.00	3.00
Crop oil	pt											0.2000	0.86	0.17	0.17
BWE assessment (NE)	acre			1.00	Jul							1.0000	15.00	15.00	15.00
Airplane lo-vol (NE)	acre			1.00	Jul							1.0000	2.38	2.38	2.38
Karate Z2	oz											2.1300	3.79	8.07	8.07
Airplane lo-vol (NE)	acre			1.00	Jul							1.0000	2.38	2.38	2.38
Tracer 4EC	oz											2.3300	5.76	13.42	13.42
Airplane lo-vol (NE)	acre			1.00	Aug							1.0000	2.38	2.38	2.38
Tracer 4EC	oz											2.3300	5.76	13.42	13.42
Orthene 90SP	lb											0.5000	10.19	5.09	5.09
Airplane lo-vol (NE)	acre			1.00	Aug							1.0000	2.38	2.38	2.38
Orthene 90SP	lb											0.5000	10.19	5.09	5.09
Airplane hi-vol (NE)	acre			1.00	Oct							1.0000	3.60	3.60	3.60
Def	pt											0.7500	5.61	4.20	4.20
Drapp	lbs											0.1500	56.34	8.45	8.45
Cotton Picker-MB-BB	4 Row		0.220	1.00	Oct			16.68	21.90	0.242	2.90				41.49
Boll buggy	6 bale	118	1.000	0.22	Oct	3.35	2.41	1.32	2.29	0.242	1.81				11.19
Trailer cotton	10 bale	1\2 ton	1.000	0.25	Nov	1.37	1.18	0.40	0.69	0.250	1.87				5.52
Other labor	hour											0.1250	7.50	0.93	0.93
Module Builder	32 Ft	143	1.000	0.25	Nov	4.34	3.13	2.93	5.10	0.275	2.06				17.58
Other labor	hour											0.1250	7.50	0.93	0.93
Cotton Picker second	4 Row		0.170	0.50	Nov			6.44	8.46	0.093	1.12				16.03
Module hauling	bale			1.00	Nov							1.0800	5.00	5.40	5.40
Stalk cutter	13.3 ft	93	0.130	1.00	Nov	1.52	1.01	0.30	0.90	0.143	1.07				4.82
Ginning cost	lbs			1.00	Nov							520.0000	0.08	41.60	41.60
Insect scout	acre			1.00	Nov							1.0000	9.00	9.00	9.00
Storage	bale			1.00	Nov							1.0860	25.00	27.15	27.15
TOTALS						32.05	23.13	34.01	48.37	2.675	21.57			301.57	460.71
INTEREST ON OPERATING CAPITAL															15.32
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															476.04

Table 16.A Estimated costs and returns per acre, Cotton,
silty soil, 8-row equipment, reduced tillage,
owner-operators, Macon Ridge Area, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton lint	lbs	0.60	700.0000	420.00	_____
Cottonseed prod	lb	0.05	1085.0000	54.25	_____
Cotton checkoff	bale	2.44	-1.4580	-3.55	_____
TOTAL INCOME				470.69	_____
DIRECT EXPENSES					
CUSTOM					
Airplane hi-vol (NE)	acre	3.60	2.0000	7.20	_____
Fertilizer Truck	acre	3.95	1.0000	3.95	_____
Airplane lo-vol (NE)	acre	2.38	4.0000	9.52	_____
DEFOLIANT					
Def	pt	5.61	0.7500	4.20	_____
Dropp	lbs	56.34	0.1500	8.45	_____
FERTILIZER					
Lime (spread)	ton	30.80	0.2500	7.70	_____
Nitrogen	lbs	0.25	90.0000	22.50	_____
Phosphate	lbs	0.19	50.0000	9.50	_____
Potash	lbs	0.15	60.0000	9.00	_____
Boron	lbs	0.38	1.0000	0.38	_____
FUNGICIDES					
TSX 18.8G	lbs	1.44	10.0000	14.40	_____
HERBICIDES					
Roundup D-PAK	pt	6.83	0.6300	4.30	_____
Goal 2XL	pt	11.05	1.7500	19.33	_____
Surfactant	pt	2.01	1.6000	3.21	_____
Cotoran 4L	qt	8.65	1.0000	8.65	_____
Zorial 80DF	lbs	14.17	0.8000	11.33	_____
DSMA 4L	pt	1.01	2.5000	2.52	_____
Caparol 4L	qt	6.99	0.3000	2.09	_____
MSMA 6.6	pt	2.22	1.8000	3.99	_____
Karmex	lbs	4.33	0.2000	0.86	_____
Fusilade DX	pt	15.02	0.2000	3.00	_____
Crop oil	pt	0.86	0.2000	0.17	_____
HIRED LABOR					
Other labor	hour	7.50	0.2500	1.87	_____
INSECTICIDES					
Temik 15G	lbs	3.32	3.3300	11.05	_____
Ammo 2.5E	oz	1.65	1.2800	2.11	_____
Bidrin 8EC	pt	11.13	0.2000	2.22	_____
Karate Z2	oz	3.79	2.1300	8.07	_____
Tracer 4EC	oz	5.76	4.6600	26.84	_____
Orthene 90SP	lb	10.19	1.0000	10.19	_____
OTHER					
BWE assessment (NE)	acre	15.00	1.0000	15.00	_____
Module hauling	bale	5.00	1.1700	5.85	_____
Ginning cost	lbs	0.08	700.0000	56.00	_____
Insect scout	acre	9.00	1.0000	9.00	_____
Storage	bale	25.00	1.4580	36.45	_____
SEED					
Cotton seed	lbs	0.88	10.0000	8.80	_____
OPERATOR LABOR					
Implements	hour	7.50	0.1100	0.82	_____
Tractors	hour	7.50	2.3290	17.46	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.3355	4.02	_____
DIESEL FUEL					
Tractors	gal	1.17	12.9170	15.11	_____
Self-Propelled Eq.	gal	1.17	2.9280	3.42	_____
GASOLINE					
Tractors	gal	1.43	0.6250	0.89	_____
REPAIR & MAINTENANCE					
Implements	acre	8.88	1.0000	8.88	_____
Tractors	acre	13.79	1.0000	13.79	_____
Self-Propelled Eq.	acre	19.70	1.0000	19.70	_____
INTEREST ON OP. CAP.	acre	16.94	1.0000	16.94	_____
TOTAL DIRECT EXPENSES				450.85	_____
RETURNS ABOVE DIRECT EXPENSES				19.83	_____
FIXED EXPENSES					
Implements	acre	15.03	1.0000	15.03	_____
Tractors	acre	21.70	1.0000	21.70	_____
Self-Propelled Eq.	acre	30.36	1.0000	30.36	_____
TOTAL FIXED EXPENSES				67.10	_____
TOTAL SPECIFIED EXPENSES				517.96	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-47.27	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	73.65	1.0000	73.65	_____
RESIDUAL RETURNS					
Land (Oppor. Cst.)MR	acre	65.00	1.0000	65.00	_____
RESIDUAL RETURNS				-185.92	_____

Table 16.B Estimated resource use and costs for field operations, per acre
 Cotton, silty soil, 8-row equipment, reduced tillage,
 owner-operators, Macon Ridge Area, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	ton			1.00	Jan							0.2500	30.80	7.70	7.70
Airplane hi-vol (NE)	acre			1.00	Mar							1.0000	3.60	3.60	3.60
Roundup D-PAK	pt											0.6300	6.83	4.30	4.30
Goal 2XL	pt											1.7500	11.05	19.33	19.33
Surfactant	pt											0.4000	2.01	0.80	0.80
Fertilizer Truck	acre			1.00	Apr							1.0000	3.95	3.95	3.95
Nitrogen	lbs											20.0000	0.25	5.00	5.00
Phosphate	lbs											50.0000	0.19	9.50	9.50
Potash	lbs											60.0000	0.15	9.00	9.00
Boron	lbs											1.0000	0.38	0.38	0.38
Hipper	20 ft	143	0.090	1.00	Apr	1.56	1.12	0.28	0.42	0.099	0.74				4.14
Hipper	20 ft	143	0.090	1.00	Apr	1.56	1.12	0.28	0.42	0.099	0.74				4.14
Conditioner	20 ft	143	0.090	1.00	Apr	1.56	1.12	0.42	0.56	0.099	0.74				4.42
Plant + pre	20 Ft	143	0.110	1.00	Apr	1.91	1.37	0.95	1.52	0.231	1.73				7.49
Cotoran 4L	qt											0.5000	8.65	4.32	4.32
Zorial 80DF	lbs											0.8000	14.17	11.33	11.33
Cotton seed	lbs											10.0000	0.88	8.80	8.80
Temik 15G	lbs											3.3300	3.32	11.05	11.05
TSX 18.8G	lbs											10.0000	1.44	14.40	14.40
Ammo 2.5E	oz											1.2800	1.65	2.11	2.11
Trailer utility	10 Ft	93	1.000	0.23	Apr	2.69	1.80	0.05	0.23	0.253	1.89				6.68
Ditcher rotary	1.5 ft	93	0.050	1.00	Apr	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Cultivate + Post	20 ft	143	0.110	1.00	May	1.91	1.37	0.39	0.59	0.121	0.90				5.18
Cotoran 4L	qt											0.5000	8.65	4.32	4.32
DSMA 4L	pt											2.5000	1.01	2.52	2.52
Surfactant	pt											0.4000	2.01	0.80	0.80
Bidrin 8EC	pt											0.4000	11.13	1.11	1.11
Fertilizer app (R)	20 ft	93	0.090	1.00	May	0.48	0.70		0.00	0.099	0.74				1.93
Nitrogen	lbs											70.0000	0.25	17.50	17.50
Cultivate + Post	20 ft	143	0.110	1.00	May	1.91	1.37	0.39	0.59	0.121	0.90				5.18
Bidrin 8EC	pt											0.1000	11.13	1.11	1.11
Caparol 4L	qt											0.3000	6.99	2.09	2.09
MSMA 6.6	pt											0.9000	2.22	1.99	1.99
Surfactant	pt											0.4000	2.01	0.80	0.80
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Cultivate + Post	20 ft	143	0.110	1.00	Jun	1.91	1.37	0.39	0.59	0.121	0.90				5.18
Karmex	lbs											0.2000	4.33	0.86	0.86
MSMA 6.6	pt											0.9000	2.22	1.99	1.99
Surfactant	pt											0.4000	2.01	0.80	0.80
Ditcher rotary	1.5 ft	93	0.050	1.00	Jun	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Cultivate + Post	20 ft	143	0.110	1.00	Jun	1.91	1.37	0.39	0.59	0.121	0.90				5.18
Fusilade DX	pt											0.2000	15.02	3.00	3.00
Crop oil	pt											0.2000	0.86	0.17	0.17
BWE assessment (NE)	acre			1.00	Jul							1.0000	15.00	15.00	15.00
Airplane lo-vol (NE)	acre			1.00	Jul							1.0000	2.38	2.38	2.38
Karate Z2	oz											2.1300	3.79	8.07	8.07
Airplane lo-vol (NE)	acre			1.00	Jul							1.0000	2.38	2.38	2.38
Tracer 4EC	oz											2.3300	5.76	13.42	13.42
Airplane lo-vol (NE)	acre			1.00	Aug							1.0000	2.38	2.38	2.38
Tracer 4EC	oz											2.3300	5.76	13.42	13.42
Orthene 90SP	lb											0.5000	10.19	5.09	5.09
Airplane lo-vol (NE)	acre			1.00	Aug							1.0000	2.38	2.38	2.38
Orthene 90SP	lb											0.5000	10.19	5.09	5.09
Airplane hi-vol (NE)	acre			1.00	Oct							1.0000	3.60	3.60	3.60
Def	pt											0.7500	5.61	4.20	4.20
Drapp	lbs											0.1500	56.34	8.45	8.45
Cotton Picker-MB-BB	4 Row		0.220	1.00	Oct			16.68	21.90	0.242	2.90				41.49
Boll buggy	6 bale	118	1.000	0.22	Oct	3.35	2.41	1.32	2.29	0.242	1.81				11.19
Trailer cotton	10 bale	1\2 ton	1.000	0.25	Nov	1.37	1.18	0.40	0.69	0.250	1.87				5.52
Other labor	hour											0.1250	7.50	0.93	0.93
Module Builder	32 Ft	143	1.000	0.25	Nov	4.34	3.13	2.93	5.10	0.275	2.06				17.58
Other labor	hour											0.1250	7.50	0.93	0.93
Cotton Picker second	4 Row		0.170	0.50	Nov			6.44	8.46	0.093	1.12				16.03
Module hauling	bale			1.00	Nov							1.1700	5.00	5.85	5.85
Stalk cutter	13.3 ft	93	0.130	1.00	Nov	1.52	1.01	0.30	0.90	0.143	1.07				4.82
Ginning cost	lbs			1.00	Nov							700.0000	0.08	56.00	56.00
Insect scout	acre			1.00	Nov							1.0000	9.00	9.00	9.00
Storage	bale			1.00	Nov							1.4580	25.00	36.45	36.45
TOTALS						29.80	21.70	32.01	45.40	2.774	22.31			349.78	501.02
INTEREST ON OPERATING CAPITAL															16.94
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															517.96

Table 17.A Estimated costs and returns per acre, Cotton, poly pipe irrigation, silty soil, 8-row equip., solid planted, owner-operators, Macon Ridge Area, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton lint	lbs	0.60	840.0000	504.00	
Cottonseed prod	lb	0.05	1302.0000	65.10	
Cotton checkoff	bale	2.44	-1.7500	-4.27	
TOTAL INCOME				564.83	
DIRECT EXPENSES					
CUSTOM					
Fertilizer Truck	acre	3.95	1.0000	3.95	
Airplane lo-vol (NE)	acre	2.38	4.0000	9.52	
Airplane hi-vol (NE)	acre	3.60	1.0000	3.60	
DEFOLIANT					
Def	pt	5.61	0.7500	4.20	
Dropp	lbs	56.34	0.1500	8.45	
GROWTH REGULATORS					
Pix	oz	0.77	8.0000	6.16	
FERTILIZER					
Lime (spread)	ton	30.80	0.2500	7.70	
Nitrogen	lbs	0.25	112.0000	28.00	
Phosphate	lbs	0.19	50.0000	9.50	
Potash	lbs	0.15	60.0000	9.00	
Boron	lbs	0.38	1.0000	0.38	
FUNGICIDES					
TSX 18.8G	lbs	1.44	10.0000	14.40	
HERBICIDES					
Treflan 4L	pt	3.19	1.2500	3.98	
Cotoran 4L	qt	8.65	1.0000	8.65	
Zorial 80DF	lbs	14.17	0.8000	11.33	
DSMA 4L	pt	1.01	2.5000	2.52	
Surfactant	pt	2.01	1.2000	2.41	
Caparol 4L	qt	6.99	0.3000	2.09	
MSMA 6.6	pt	2.22	1.8000	3.99	
Karmex	lbs	4.33	0.2000	0.86	
Fusilade DX	pt	15.02	0.2000	3.00	
Crop oil	pt	0.86	0.2000	0.17	
HIRED LABOR					
Other labor	hour	7.50	0.2500	1.87	
INSECTICIDES					
Temik 15G	lbs	3.32	3.3300	11.05	
Ammo. 2.5E	oz	1.65	1.2800	2.11	
Bidrin 8EC	pt	11.13	0.2000	2.22	
Karate Z2	oz	3.79	2.1300	8.07	
Tracer 4EC	oz	5.76	4.6600	26.84	
Orthene 90SP	lb	10.19	1.0000	10.19	
OTHER					
BWE assessment (NE)	acre	15.00	1.0000	15.00	
Poly Pipe	acre	5.80	1.0000	5.80	
Module hauling	bale	5.00	1.2300	6.15	
Ginning cost	lbs	0.08	840.0000	67.20	
Insect scout	acre	9.00	1.0000	9.00	
Storage	bale	25.00	1.7500	43.75	
SEED					
Cotton seed	lbs	0.88	10.0000	8.80	
OPERATOR LABOR					
Tractors	hour	7.50	2.3290	17.46	
IRRIGATION LABOR					
Irrig.sys. 8 pipe	hour	7.50	0.6600	4.95	
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.3355	4.02	
DIESEL FUEL					
Tractors	gal	1.17	14.2290	16.64	
Self-Propelled Eq.	gal	1.17	2.9280	3.42	
ELECTRICITY					
Irrig.sys. 8 pipe	kWh	0.09	39.7860	3.58	
GASOLINE					
Tractors	gal	1.43	0.6250	0.89	
REPAIR & MAINTENANCE					
Implements	acre	10.78	1.0000	10.78	
Tractors	acre	14.31	1.0000	14.31	
Self-Propelled Eq.	acre	19.70	1.0000	19.70	
Irrig.sys. 8 pipe	acre	1.18	1.0000	1.18	
INTEREST ON OP. CAP.	acre	16.95	1.0000	16.95	
TOTAL DIRECT EXPENSES				475.91	
RETURNS ABOVE DIRECT EXPENSES				88.91	
FIXED EXPENSES					
Implements	acre	17.86	1.0000	17.86	
Tractors	acre	22.99	1.0000	22.99	
Self-Propelled Eq.	acre	30.36	1.0000	30.36	
Irrig.sys. 8 pipe	acre	23.04	1.0000	23.04	
TOTAL FIXED EXPENSES				94.26	
TOTAL SPECIFIED EXPENSES				570.18	
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-5.35	
ALLOCATED COST ITEMS					
Overhead (owner)	acre	73.65	1.0000	73.65	
RESIDUAL RETURNS					
Land (Oppor. Cst.)MR	acre	65.00	1.0000	65.00	
RESIDUAL RETURNS				-144.00	

Table 17.B Estimated resource use and costs for field operations, per acre
 Cotton, poly pipe irrigation, silty soil, 8-row equip.,
 solid planted, owner-operators, Macon Ridge Area, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	ton			1.00	Jan							0.2500	30.80	7.70	7.70
Chisel plow	20 ft	168	0.090	1.00	Jan	1.79	1.26	0.47	0.70	0.099	0.74				4.98
Disk	26.6 ft	168	0.070	1.00	Jan	1.39	0.98	0.64	0.96	0.077	0.57				4.56
Disk	26.6 ft	168	0.070	1.00	Mar	1.39	0.98	0.64	0.96	0.077	0.57				4.56
Field cultivator	32 ft	168	0.050	1.00	Apr	0.99	0.70	0.34	0.50	0.055	0.41				2.96
Treflan 4L	pt											1.2500	3.19	3.98	3.98
Fertilizer Truck	acre			1.00	Apr							1.0000	3.95	3.95	3.95
Nitrogen	lbs											20.0000	0.25	5.00	5.00
Phosphate	lbs											50.0000	0.19	9.50	9.50
Potash	lbs											60.0000	0.15	9.00	9.00
Boron	lbs											1.0000	0.38	0.38	0.38
Hipper	26.6 ft	168	0.070	1.00	Apr	1.39	0.98	0.28	0.42	0.077	0.57				3.66
Conditioner	26.6 Ft	168	0.070	1.00	Apr	1.39	0.98	0.43	0.57	0.077	0.57				3.96
Plant + pre	26.6 Ft	168	0.080	1.00	Apr	1.59	1.12	0.92	1.47	0.088	0.66				5.77
Cotoran 4L	qt											0.5000	8.65	4.32	4.32
Zorial 80DF	lbs											0.8000	14.17	11.33	11.33
Cotton seed	lbs											10.0000	0.88	8.80	8.80
Temik 15G	lbs											3.3300	3.32	11.05	11.05
TSX 18.8G	lbs											10.0000	1.44	14.40	14.40
Ammo 2.5E	oz											1.2800	1.65	2.11	2.11
Trailer utility	10 Ft	93	1.000	0.23	Apr	2.69	1.80	0.05	0.23	0.253	1.89				6.68
Ditcher rotary	1.5 ft	93	0.050	1.00	Apr	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Cultivate + Post	26.6 ft	168	0.080	1.00	May	1.59	1.12	0.42	0.62	0.088	0.66				4.43
Cotoran 4L	qt											0.5000	8.65	4.32	4.32
DSMA 4L	pt											2.5000	1.01	2.52	2.52
Surfactant	pt											0.4000	2.01	0.80	0.80
Bidrin 8EC	pt											0.1000	11.13	1.11	1.11
Fertilizer app (R)	20 ft	93	0.090	1.00	May	0.48	0.70		0.00	0.099	0.74				1.93
Nitrogen	lbs											80.0000	0.25	20.00	20.00
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Cultivate + Post	26.6 ft	168	0.080	1.00	May	1.59	1.12	0.42	0.62	0.088	0.66				4.43
Bidrin 8EC	pt											0.1000	11.13	1.11	1.11
Caparol 4L	qt											0.3000	6.99	2.09	2.09
MSMA 6.6	pt											0.9000	2.22	1.99	1.99
Surfactant	pt											0.4000	2.01	0.80	0.80
Cultivate + Post	26.6 ft	168	0.080	1.00	Jun	1.59	1.12	0.42	0.62	0.088	0.66				4.43
Karmex	lbs											0.2000	4.33	0.86	0.86
MSMA 6.6	pt											0.9000	2.22	1.99	1.99
Surfactant	pt											0.4000	2.01	0.80	0.80
Ditcher rotary	1.5 ft	93	0.050	1.00	Jun	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Cultivate + Post	26.6 ft	168	0.080	1.00	Jun	1.59	1.12	0.42	0.62	0.088	0.66				4.43
Fusilade DX	pt											0.2000	15.02	3.00	3.00
Crop oil	pt											0.2000	0.86	0.17	0.17
BWE assessment (NE)	acre			1.00	Jul							1.0000	15.00	15.00	15.00
Airplane lo-vol (NE)	acre			1.00	Jul							1.0000	2.38	2.38	2.38
Karate Z2	oz											2.1300	3.79	8.07	8.07
Poly Pipe	acre			1.00	Jul							1.0000	5.80	5.80	5.80
Irrig.sys. 8 pipe	acin			1.00	Jul			4.76	23.04	0.660	4.95	6.0000			32.75
Airplane lo-vol (NE)	acre			1.00	Jul							1.0000	2.38	2.38	2.38
Tracer 4EC	oz											2.3300	5.76	13.42	13.42
Airplane lo-vol (NE)	acre			1.00	Jul							1.0000	2.38	2.38	2.38
Tracer 4EC	oz											2.3300	5.76	13.42	13.42
Nitrogen	lbs											4.0000	0.25	1.00	1.00
Pix	oz											2.0000	0.77	1.54	1.54
Orthene 90SP	lb											0.5000	10.19	5.09	5.09
Airplane lo-vol (NE)	acre			1.00	Aug							1.0000	2.38	2.38	2.38
Orthene 90SP	lb											0.5000	10.19	5.09	5.09
Nitrogen	lbs											8.0000	0.25	2.00	2.00
Pix	oz											6.0000	0.77	4.62	4.62
Airplane hi-vol (NE)	acre			1.00	Oct							1.0000	3.60	3.60	3.60
Def	pt											0.7500	5.61	4.20	4.20
Dropp	lbs											0.1500	56.34	8.45	8.45
Cotton Picker-MB-BB	4 Row		0.220	1.00	Oct			16.68	21.90	0.242	2.90				41.49
Boll buggy	6 bale	118	1.000	0.22	Oct	3.35	2.41	1.32	2.29	0.242	1.81				11.19
Module Builder	32 Ft	143	1.000	0.25	Nov	4.34	3.13	2.93	5.10	0.275	2.06				17.58
Other labor	hour											0.1250	7.50	0.93	0.93
Cotton Picker second	4 Row		0.170	0.50	Nov			6.44	8.46	0.093	1.12				16.03
Trailer cotton	10 bale	1\2 ton	1.000	0.25	Nov	1.37	1.18	0.40	0.69	0.250	1.87				5.52
Other labor	hour											0.1250	7.50	0.93	0.93
Module hauling	bale			1.00	Nov							1.2300	5.00	6.15	6.15
Stalk cutter	13.3 ft	93	0.130	1.00	Nov	1.52	1.01	0.30	0.90	0.143	1.07				4.82
Ginning cost	lbs			1.00	Nov							840.0000	0.08	67.20	67.20
Insect scout	acre			1.00	Nov							1.0000	9.00	9.00	9.00
Storage	bale			1.00	Nov							1.7500	25.00	43.75	43.75
TOTALS						31.85	22.99	38.68	71.27	3.324	26.44			361.98	553.22
INTEREST ON OPERATING CAPITAL															16.95
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															570.18

Table 18.A Estimated costs and returns per acre
 Soybeans, sandy soil, 8-row equipment, (38 inch rows),
 owner-operators, alluvial soils, northeast Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybean	bu	5.25	30.0000	157.50	_____

TOTAL INCOME				157.50	_____
DIRECT EXPENSES					
CUSTOM					
Airplane 10-vol (NE)	acre	2.38	0.5000	1.19	_____
HERBICIDES					
Treflan 4L	pt	3.19	1.5000	4.78	_____
Scepter 70 DG	oz	4.86	0.3330	1.61	_____
2,4-DB	pt	3.03	0.5000	1.51	_____
HIRED LABOR					
Other labor	hour	7.50	0.4000	3.00	_____
INSECTICIDES					
Ambush 2EC	pt	13.80	0.2000	2.76	_____
SEED					
Soybean seed	lbs	0.34	50.0000	17.00	_____
OPERATOR LABOR					
Tractors	hour	7.50	0.9130	6.84	_____
Self-Propelled Eq.	hour	7.50	0.2800	2.10	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2310	2.77	_____
DIESEL FUEL					
Tractors	gal	1.17	7.6210	8.91	_____
Self-Propelled Eq.	gal	1.17	1.4910	1.74	_____
GASOLINE					
Self-Propelled Eq.	gal	1.43	1.4000	2.00	_____
REPAIR & MAINTENANCE					
Implements	acre	5.15	1.0000	5.15	_____
Tractors	acre	6.78	1.0000	6.78	_____
Self-Propelled Eq.	acre	7.59	1.0000	7.59	_____
INTEREST ON OP. CAP.	acre	3.15	1.0000	3.15	_____

TOTAL DIRECT EXPENSES				78.93	_____
RETURNS ABOVE DIRECT EXPENSES				78.56	_____
FIXED EXPENSES					
Implements	acre	7.64	1.0000	7.64	_____
Tractors	acre	11.07	1.0000	11.07	_____
Self-Propelled Eq.	acre	17.14	1.0000	17.14	_____

TOTAL FIXED EXPENSES				35.86	_____

TOTAL SPECIFIED EXPENSES				114.80	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				42.69	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	73.65	1.0000	73.65	_____
RESIDUAL RETURNS				-30.95	_____
Land (Oppor. Cst.)MS	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				-60.95	_____

Table 18.B Estimated resource use and costs for field operations, per acre
 Soybeans, sandy soil, 8-row equipment, (38 inch rows),
 owner-operators, alluvial soils, northeast Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF TIMES			TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
V-Ripper	9 shank	168	0.130	1.00	Jan	2.58	1.83	0.53	0.73	0.143	1.07				6.76
Disk	26.6 ft	168	0.070	1.00	Jan	1.39	0.98	0.64	0.96	0.077	0.57				4.56
Disk	26.6 ft	168	0.070	1.00	Apr	1.39	0.98	0.64	0.96	0.077	0.57				4.56
Disk + pre	26.6 ft	168	0.070	1.00	Apr	1.39	0.98	0.69	1.03	0.077	0.57				4.68
Treflan 4L	pt											1.5000	3.19	4.78	4.78
Conditioner	26.6 Ft	168	0.070	1.00	May	1.39	0.98	0.43	0.57	0.077	0.57				3.96
Plant + pre	26.6 Ft	168	0.080	1.00	May	1.59	1.12	0.92	1.47	0.088	0.66				5.77
Soybean seed	lbs											50.0000	0.34	17.00	17.00
Scepter 70 DG	oz											0.3330	4.86	1.61	1.61
Other labor	hour											0.1200	7.50	0.90	0.90
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Cultivator	26.6 ft	168	0.080	1.00	Jun	1.59	1.12	0.31	0.47	0.088	0.66				4.16
Cultivator	26.6 ft	168	0.080	1.00	Jun	1.59	1.12	0.31	0.47	0.088	0.66				4.16
Ditcher rotary	1.5 ft	93	0.050	1.00	Jun	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Cultivate + Post	26.6 ft	168	0.080	1.00	Jun	1.59	1.12	0.42	0.62	0.088	0.66				4.43
2,4-DB	pt											0.5000	3.03	1.51	1.51
Airplane lo-vol (NE)	acre			1.00	Aug							0.5000	2.38	1.19	1.19
Ambush 2EC	pt											0.2000	13.80	2.76	2.76
Combine medium	20 Ft		0.210	1.00	Oct			8.04	13.75	0.231	2.77				24.57
Truck	5 ton		1.000	0.28	Oct			3.29	3.39	0.280	2.10				8.79
Other labor	hour											0.2800	7.50	2.10	2.10
TOTALS						15.69	11.07	16.49	24.79	1.424	11.71			31.86	111.65
INTEREST ON OPERATING CAPITAL															3.15
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															114.80

Table 19.A Estimated costs and returns per acre
 Soybeans, clay soil, 8-row equipment, (38 inch rows),
 owner-operators, alluvial soils, northeast Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybean	bu	5.25	30.0000	157.50	_____

TOTAL INCOME				157.50	_____
DIRECT EXPENSES					
CUSTOM					
Airplane 10-vol (NE)	acre	2.38	0.5000	1.19	_____
HERBICIDES					
Treflan 4L	pt	3.19	2.0000	6.38	_____
Scepter 70 DG	oz	4.86	0.3330	1.61	_____
2,4-DB	pt	3.03	0.5000	1.51	_____
HIRED LABOR					
Other labor	hour	7.50	0.4000	3.00	_____
INSECTICIDES					
Ambush 2EC	pt	13.80	0.2000	2.76	_____
SEED					
Soybean seed	lbs	0.34	50.0000	17.00	_____
OPERATOR LABOR					
Tractors	hour	7.50	0.7700	5.77	_____
Self-Propelled Eq.	hour	7.50	0.2800	2.10	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2310	2.77	_____
DIESEL FUEL					
Tractors	gal	1.17	6.3600	7.44	_____
Self-Propelled Eq.	gal	1.17	1.4910	1.74	_____
GASOLINE					
Self-Propelled Eq.	gal	1.43	1.4000	2.00	_____
REPAIR & MAINTENANCE					
Implements	acre	4.62	1.0000	4.62	_____
Tractors	acre	5.67	1.0000	5.67	_____
Self-Propelled Eq.	acre	7.59	1.0000	7.59	_____
INTEREST ON OP. CAP.	acre	2.87	1.0000	2.87	_____

TOTAL DIRECT EXPENSES				76.05	_____
RETURNS ABOVE DIRECT EXPENSES				81.44	_____
FIXED EXPENSES					
Implements	acre	6.90	1.0000	6.90	_____
Tractors	acre	9.24	1.0000	9.24	_____
Self-Propelled Eq.	acre	17.14	1.0000	17.14	_____

TOTAL FIXED EXPENSES				33.29	_____

TOTAL SPECIFIED EXPENSES				109.35	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				48.14	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	73.65	1.0000	73.65	_____
RESIDUAL RETURNS					
Land (Oppor. Cst.)MS	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS					
				-55.50	_____

Table 19.B Estimated resource use and costs for field operations, per acre
 Soybeans, clay soil, 8-row equipment, (38 inch rows),
 owner-operators, alluvial soils, northeast Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF TIMES			TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Disk	26.6 ft	168	0.070	1.00	Mar	1.39	0.98	0.64	0.96	0.077	0.57					4.56
Disk	26.6 ft	168	0.070	1.00	Apr	1.39	0.98	0.64	0.96	0.077	0.57					4.56
Disk + pre Treflan 4L	26.6 ft pt	168	0.070	1.00	Apr	1.39	0.98	0.69	1.03	0.077	0.57					4.68
Conditioner	26.6 Ft	168	0.070	1.00	May	1.39	0.98	0.43	0.57	0.077	0.57					3.96
Plant + pre	26.6 Ft	168	0.080	1.00	May	1.59	1.12	0.92	1.47	0.088	0.66					5.77
Soybean seed	lbs											50.0000	0.34	17.00		17.00
Scepter 70 DG	oz											0.3330	4.86	1.61		1.61
Other labor	hour											0.1200	7.50	0.90		0.90
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.58	0.39	0.11	0.16	0.055	0.41					1.66
Cultivator	26.6 ft	168	0.080	1.00	May	1.59	1.12	0.31	0.47	0.088	0.66					4.16
Cultivator	26.6 ft	168	0.080	1.00	Jun	1.59	1.12	0.31	0.47	0.088	0.66					4.16
Ditcher rotary	1.5 ft	93	0.050	1.00	Jun	0.58	0.39	0.11	0.16	0.055	0.41					1.66
Cultivate + Post 2,4-DB	26.6 ft pt	168	0.080	1.00	Jun	1.59	1.12	0.42	0.62	0.088	0.66					4.43
Airplane lo-vol (NE)	acre			1.00	Aug							0.5000	3.03	1.51		1.51
Ambush 2EC	pt											0.5000	2.38	1.19		1.19
Combine medium	20 Ft		0.210	1.00	Oct			8.04	13.75	0.231	2.77					24.57
Truck	5 ton		1.000	0.28	Oct			3.29	3.39	0.280	2.10					8.79
Other labor	hour											0.2800	7.50	2.10		2.10
TOTALS						13.11	9.24	15.96	24.05	1.281	10.64				33.46	106.48
INTEREST ON OPERATING CAPITAL																2.87
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																109.35

Table 20.A Estimated costs and returns per acre, Soybeans, stale seedbed, 8-row equipment (38" rows) Tenant-operators, alluvial clay soils, northeast Louisiana, 2001

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybean	bu	5.25	30.0000	157.50	_____
Land share rent	bu	5.25	-7.5000	-39.37	_____

TOTAL INCOME				118.12	_____
DIRECT EXPENSES					
CUSTOM					
Airplane hi-vol (NE)	acre	3.60	1.0000	3.60	_____
Airplane lo-vol (NE)	acre	2.38	0.5000	1.19	_____
HERBICIDES					
Roundup D-PAK	pt	6.83	1.0000	6.83	_____
Harmony Extra	oz	11.56	0.3300	3.81	_____
Surfactant	pt	2.01	1.0000	2.01	_____
Canopy 75DF	lbs	40.60	0.2500	10.15	_____
Fusilade DX	pt	15.02	0.5000	7.51	_____
2,4-DB	pt	3.03	0.5000	1.51	_____
HIRED LABOR					
Other labor	hour	7.50	0.4000	3.00	_____
INSECTICIDES					
Ambush 2EC	pt	13.80	0.2000	2.76	_____
SEED					
Soybean seed	lbs	0.34	50.0000	17.00	_____
OPERATOR LABOR					
Tractors	hour	7.50	0.2970	2.22	_____
Self-Propelled Eq.	hour	7.50	0.2800	2.10	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2310	2.77	_____
DIESEL FUEL					
Tractors	gal	1.17	2.1460	2.51	_____
Self-Propelled Eq.	gal	1.17	1.4910	1.74	_____
GASOLINE					
Self-Propelled Eq.	gal	1.43	1.4000	2.00	_____
REPAIR & MAINTENANCE					
Implements	acre	1.62	1.0000	1.62	_____
Tractors	acre	1.96	1.0000	1.96	_____
Self-Propelled Eq.	acre	7.59	1.0000	7.59	_____
INTEREST ON OP. CAP.	acre	3.22	1.0000	3.22	_____

TOTAL DIRECT EXPENSES				87.14	_____
RETURNS ABOVE DIRECT EXPENSES				30.98	_____
FIXED EXPENSES					
Implements	acre	2.45	1.0000	2.45	_____
Tractors	acre	3.11	1.0000	3.11	_____
Self-Propelled Eq.	acre	17.14	1.0000	17.14	_____

TOTAL FIXED EXPENSES				22.71	_____

TOTAL SPECIFIED EXPENSES				109.85	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				8.26	_____
ALLOCATED COST ITEMS					
Overhead (tenant)	acre	62.63	1.0000	62.63	_____
RESIDUAL RETURNS				-54.36	_____

Table 20.B Estimated resource use and costs for field operations, per acre
 Soybeans, stale seedbed, 8-row equipment (38" rows)
 Tenant-operators, alluvial clay soils, northeast Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Airplane hi-vol (NE)	acre			1.00	May							1.0000	3.60	3.60	3.60	
Roundup D-PAK	pt											1.0000	6.83	6.83	6.83	
Harmony Extra	oz											0.3300	11.56	3.81	3.81	
Surfactant	pt											1.0000	2.01	2.01	2.01	
Plant + pre	26.6 Ft	168	0.080	1.00	May	1.59	1.12	0.92	1.47	0.088	0.66				5.77	
Soybean seed	lbs											50.0000	0.34	17.00	17.00	
Canopy 75DF	lbs											0.2500	40.60	10.15	10.15	
Other labor	hour											0.1200	7.50	0.90	0.90	
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.58	0.39	0.11	0.16	0.055	0.41				1.66	
Boom sprayer	30 ft	93	0.060	1.00	Jun	0.70	0.47	0.16	0.18	0.066	0.49				2.01	
Fusilade DX	pt											0.5000	15.02	7.51	7.51	
Cultivate + Post	26.6 ft	168	0.080	1.00	Jun	1.59	1.12	0.42	0.62	0.088	0.66				4.43	
2,4-DB	pt											0.5000	3.03	1.51	1.51	
Airplane lo-vol (NE)	acre			1.00	Aug							0.5000	2.38	1.19	1.19	
Ambush 2EC	pt											0.2000	13.80	2.76	2.76	
Combine medium	20 Ft		0.210	1.00	Oct			8.04	13.75	0.231	2.77				24.57	
Truck	5 ton		1.000	0.28	Oct			3.29	3.39	0.280	2.10				8.79	
Other labor	hour											0.2800	7.50	2.10	2.10	
TOTALS						4.47	3.11	12.96	19.60	0.808	7.09				59.37	106.63
INTEREST ON OPERATING CAPITAL																3.22
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																109.85

Table 21.A Estimated costs and returns per acre
 Soybeans, clay soil, 8-row equipment, drill planted,
 owner-operators, alluvial soils, northeast Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybean	bu	5.25	30.0000	157.50	_____

TOTAL INCOME				157.50	_____
DIRECT EXPENSES					
CUSTOM					
Airplane hi-vol (NE)	acre	3.60	1.0000	3.60	_____
Airplane lo-vol (NE)	acre	2.38	1.0000	2.38	_____
HERBICIDES					
Treflan 4L	pt	3.19	2.0000	6.38	_____
Scepter 70 DG	oz	4.86	0.6670	3.24	_____
Blazer 2L	pt	7.77	1.0000	7.77	_____
Surfactant	pt	2.01	0.4000	0.80	_____
HIRED LABOR					
Other labor	hour	7.50	0.4000	3.00	_____
INSECTICIDES					
Ambush 2EC	pt	13.80	0.4000	5.52	_____
SEED					
Soybean seed	lbs	0.34	60.0000	20.40	_____
OPERATOR LABOR					
Tractors	hour	7.50	0.4730	3.54	_____
Self-Propelled Eq.	hour	7.50	0.2800	2.10	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.1870	2.24	_____
DIESEL FUEL					
Tractors	gal	1.17	3.7960	4.44	_____
Self-Propelled Eq.	gal	1.17	1.4620	1.71	_____
GASOLINE					
Self-Propelled Eq.	gal	1.43	1.4000	2.00	_____
REPAIR & MAINTENANCE					
Implements	acre	3.32	1.0000	3.32	_____
Tractors	acre	3.45	1.0000	3.45	_____
Self-Propelled Eq.	acre	6.90	1.0000	6.90	_____
INTEREST ON OP. CAP.	acre	3.25	1.0000	3.25	_____

TOTAL DIRECT EXPENSES				86.07	_____
RETURNS ABOVE DIRECT EXPENSES				71.42	_____
FIXED EXPENSES					
Implements	acre	4.95	1.0000	4.95	_____
Tractors	acre	5.59	1.0000	5.59	_____
Self-Propelled Eq.	acre	15.64	1.0000	15.64	_____

TOTAL FIXED EXPENSES				26.19	_____

TOTAL SPECIFIED EXPENSES				112.27	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				45.22	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	73.65	1.0000	73.65	_____
RESIDUAL RETURNS					
Land (Oppor. Cst.)MS	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				-58.42	_____

Table 21.B Estimated resource use and costs for field operations, per acre
 Soybeans, clay soil, 8-row equipment, drill planted,
 owner-operators, alluvial soils, northeast Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Disk	26.6 ft	168	0.070	1.00	Apr	1.39	0.98	0.64	0.96	0.077	0.57					4.56
Disk	26.6 ft	168	0.070	1.00	Apr	1.39	0.98	0.64	0.96	0.077	0.57					4.56
Disk + pre	26.6 ft	168	0.070	1.00	Apr	1.39	0.98	0.69	1.03	0.077	0.57					4.68
Treflan 4L	pt											2.0000	3.19	6.38		6.38
Conditioner	26.6 Ft	168	0.070	1.00	May	1.39	0.98	0.43	0.57	0.077	0.57					3.96
Grain drill	20 ft	143	0.100	1.00	May	1.73	1.25	0.79	1.26	0.110	0.82					5.87
Soybean seed	lbs											60.0000	0.34	20.40		20.40
Other labor	hour											0.1200	7.50	0.90		0.90
Scepter 70 DG	oz											0.6670	4.86	3.24		3.24
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.58	0.39	0.11	0.16	0.055	0.41					1.66
Airplane hi-vol (NE)	acre			1.00	Jun							1.0000	3.60	3.60		3.60
Blazer 2L	pt											1.0000	7.77	7.77		7.77
Surfactant	pt											0.4000	2.01	0.80		0.80
Airplane lo-vol (NE)	acre			1.00	Aug							1.0000	2.38	2.38		2.38
Ambush 2EC	pt											0.4000	13.80	5.52		5.52
Combine large	25 Ft		0.170	1.00	Oct			7.32	12.24	0.187	2.24					21.81
Truck	5 ton		1.000	0.28	Oct			3.29	3.39	0.280	2.10					8.79
Other labor	hour											0.2800	7.50	2.10		2.10
TOTALS						7.89	5.59	13.94	20.60	0.940	7.89			53.09		109.02
INTEREST ON OPERATING CAPITAL																3.25
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																112.27

Table 22.A Estimated costs and returns per acre
 Roundup Ready Soybeans, 8-row equipment, (38 inch rows)
 owner-operators, alluvial soils, northeast Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybean	bu	5.25	30.0000	157.50	_____

TOTAL INCOME				157.50	_____
DIRECT EXPENSES					
CUSTOM					
Airplane hi-vol (NE)	acre	3.60	2.0000	7.20	_____
Airplane lo-vol (NE)	acre	2.38	0.5000	1.19	_____
HERBICIDES					
Roundup D-PAK	pt	6.83	1.0000	6.83	_____
Harmony Extra	oz	11.56	0.3300	3.81	_____
Surfactant	pt	2.01	1.0000	2.01	_____
Prowl 3.3	pt	2.60	2.0000	5.20	_____
Roundup Ultra	pt	4.68	3.0000	14.04	_____
HIRED LABOR					
Other labor	hour	7.50	0.4000	3.00	_____
INSECTICIDES					
Ambush 2EC	pt	13.80	0.2000	2.76	_____
SEED					
Soybean Seed (RR)	lbs	0.53	50.0000	26.50	_____
OPERATOR LABOR					
Tractors	hour	7.50	0.2200	1.65	_____
Self-Propelled Eq.	hour	7.50	0.2800	2.10	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2673	3.20	_____
DIESEL FUEL					
Tractors	gal	1.17	1.7250	2.01	_____
Self-Propelled Eq.	gal	1.17	1.5867	1.85	_____
GASOLINE					
Self-Propelled Eq.	gal	1.43	1.4000	2.00	_____
REPAIR & MAINTENANCE					
Implements	acre	1.13	1.0000	1.13	_____
Tractors	acre	1.55	1.0000	1.55	_____
Self-Propelled Eq.	acre	7.99	1.0000	7.99	_____
INTEREST ON OP. CAP.	acre	3.92	1.0000	3.92	_____

TOTAL DIRECT EXPENSES				99.97	_____
RETURNS ABOVE DIRECT EXPENSES				57.52	_____
FIXED EXPENSES					
Implements	acre	1.76	1.0000	1.76	_____
Tractors	acre	2.50	1.0000	2.50	_____
Self-Propelled Eq.	acre	18.06	1.0000	18.06	_____

TOTAL FIXED EXPENSES				22.34	_____

TOTAL SPECIFIED EXPENSES				122.31	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				35.18	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	73.65	1.0000	73.65	_____
RESIDUAL RETURNS				-38.46	_____
Land (Oppor. Cst.)MS	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				-68.46	_____

Table 22.B Estimated resource use and costs for field operations, per acre
 Roundup Ready Soybeans, 8-row equipment, (38 inch rows)
 owner-operators, alluvial soils, northeast Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Airplane hi-vol (NE)	acre			1.00	Apr							1.0000	3.60	3.60	3.60
Roundup D-PAK	pt											1.0000	6.83	6.83	6.83
Harmony Extra	oz											0.3300	11.56	3.81	3.81
Surfactant	pt											1.0000	2.01	2.01	2.01
Planter	26.6 ft	168	0.070	1.00	May	1.39	0.98	0.70	1.12	0.077	0.57				4.79
Soybean Seed (RR)	lbs											50.0000	0.53	26.50	26.50
Other labor	hour											0.1200	7.50	0.90	0.90
Prowl 3.3	pt											2.0000	2.60	5.20	5.20
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Cultivator	26.6 ft	168	0.080	1.00	May	1.59	1.12	0.31	0.47	0.088	0.66				4.16
Hi-cycle sprayer	60 Ft		0.033	1.00	Jun			0.50	0.91	0.036	0.43				1.86
Roundup Ultra	pt											1.5000	4.68	7.02	7.02
Airplane hi-vol (NE)	acre			1.00	Jun							1.0000	3.60	3.60	3.60
Roundup Ultra	pt											1.5000	4.68	7.02	7.02
Airplane lo-vol (NE)	acre			1.00	Aug							0.5000	2.38	1.19	1.19
Ambush 2EC	pt											0.2000	13.80	2.76	2.76
Combine medium	20 Ft		0.210	1.00	Oct			8.04	13.75	0.231	2.77				24.57
Truck	5 ton		1.000	0.28	Oct			3.29	3.39	0.280	2.10				8.79
Other labor	hour											0.2800	7.50	2.10	2.10
TOTALS						3.57	2.50	12.98	19.83	0.767	6.95			72.54	118.39
INTEREST ON OPERATING CAPITAL															3.92
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															122.31

Table 23.A Estimated costs and returns per acre
Soybeans, silty soil, 8-row equipment, (38 inch rows),
owner-operators, Macon Ridge Area, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybean	bu	5.25	21.0000	110.25	_____

TOTAL INCOME				110.25	_____
DIRECT EXPENSES					
CUSTOM					
Airplane lo-vol (NE)	acre	2.38	0.5000	1.19	_____
HERBICIDES					
Canopy 75DF	lbs	40.60	0.4380	17.78	_____
Classic	oz	11.06	0.0600	0.66	_____
Surfactant	pt	2.01	0.0300	0.06	_____
Fusilade DX	pt	15.02	0.1300	1.95	_____
Crop oil	pt	0.86	0.1300	0.11	_____
HIRED LABOR					
Other labor	hour	7.50	0.4000	3.00	_____
INSECTICIDES					
Pounce 3.2EC	pt	18.15	0.1250	2.26	_____
SEED					
Soybean seed	lbs	0.34	45.0000	15.30	_____
OPERATOR LABOR					
Tractors	hour	7.50	0.7700	5.77	_____
Self-Propelled Eq.	hour	7.50	0.2800	2.10	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2310	2.77	_____
DIESEL FUEL					
Tractors	gal	1.17	6.3600	7.44	_____
Self-Propelled Eq.	gal	1.17	1.4910	1.74	_____
GASOLINE					
Self-Propelled Eq.	gal	1.43	1.4000	2.00	_____
REPAIR & MAINTENANCE					
Implements	acre	4.31	1.0000	4.31	_____
Tractors	acre	5.67	1.0000	5.67	_____
Self-Propelled Eq.	acre	7.59	1.0000	7.59	_____
INTEREST ON OP. CAP.	acre	3.22	1.0000	3.22	_____

TOTAL DIRECT EXPENSES				84.97	_____
RETURNS ABOVE DIRECT EXPENSES				25.27	_____
FIXED EXPENSES					
Implements	acre	6.44	1.0000	6.44	_____
Tractors	acre	9.24	1.0000	9.24	_____
Self-Propelled Eq.	acre	17.14	1.0000	17.14	_____

TOTAL FIXED EXPENSES				32.84	_____

TOTAL SPECIFIED EXPENSES				117.81	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-7.56	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	73.65	1.0000	73.65	_____
RESIDUAL RETURNS					
Land (Oppor. Cst.)MS	acre	30.00	1.0000	30.00	_____

RESIDUAL RETURNS				-111.21	_____

Table 23.B Estimated resource use and costs for field operations, per acre
 Soybeans, silty soil, 8-row equipment, (38 inch rows),
 owner-operators, Macon Ridge Area, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Disk	26.6 ft	168	0.070	2.00	Apr	2.78	1.97	1.29	1.92	0.154	1.15					9.13
Hipper	26.6 ft	168	0.070	1.00	Apr	1.39	0.98	0.28	0.42	0.077	0.57					3.66
Conditioner	26.6 Ft	168	0.070	1.00	May	1.39	0.98	0.43	0.57	0.077	0.57					3.96
Plant + pre	26.6 Ft	168	0.080	1.00	May	1.59	1.12	0.92	1.47	0.088	0.66					5.77
Soybean seed	lbs											45.0000	0.34	15.30		15.30
Canopy 75DF	lbs											0.4380	40.60	17.78		17.78
Other labor	hour											0.1200	7.50	0.90		0.90
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.58	0.39	0.11	0.16	0.055	0.41					1.66
Cultivator	26.6 ft	168	0.080	1.00	May	1.59	1.12	0.31	0.47	0.088	0.66					4.16
Cultivate + Post	26.6 ft	168	0.080	1.00	Jun	1.59	1.12	0.42	0.62	0.088	0.66					4.43
Classic	oz											0.0600	11.06	0.66		0.66
Surfactant	pt											0.0300	2.01	0.06		0.06
Ditcher rotary	1.5 ft	93	0.050	1.00	Jun	0.58	0.39	0.11	0.16	0.055	0.41					1.66
Cultivate + Post	26.6 ft	168	0.080	1.00	Jun	1.59	1.12	0.42	0.62	0.088	0.66					4.43
Fusilade DX	pt											0.1300	15.02	1.95		1.95
Crop oil	pt											0.1300	0.86	0.11		0.11
Airplane 10-vol (NE)	acre			1.00	Aug							0.5000	2.38	1.19		1.19
Pounce 3.2EC	pt											0.1250	18.15	2.26		2.26
Combine medium	20 Ft		0.210	1.00	Oct			8.04	13.75	0.231	2.77					24.57
Truck	5 ton		1.000	0.28	Oct			3.29	3.39	0.280	2.10					8.79
Other labor	hour											0.2800	7.50	2.10		2.10
TOTALS						13.11	9.24	15.66	23.59	1.281	10.64			42.32		114.59
INTEREST ON OPERATING CAPITAL																3.22
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																117.81

Table 24.A Estimated costs and returns per acre
 Soybeans, silty soil, 8-row equipment, (38 inch rows),
 tenant-operators, Macon Ridge Area, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybean	bu	5.25	21.0000	110.25	_____
Land share rent	bu	5.25	-5.2500	-27.56	_____

TOTAL INCOME				82.68	_____
DIRECT EXPENSES					
CUSTOM					
Airplane lo-vol (NE)	acre	2.38	0.5000	1.19	_____
HERBICIDES					
Canopy 75DF	lbs	40.60	0.4380	17.78	_____
Classic	oz	11.06	0.0600	0.66	_____
Surfactant	pt	2.01	0.0300	0.06	_____
Fusilade DX	pt	15.02	0.1300	1.95	_____
Crop oil	pt	0.86	0.1300	0.11	_____
HIRED LABOR					
Other labor	hour	7.50	0.4000	3.00	_____
INSECTICIDES					
Pounce 3.2EC	pt	18.15	0.1250	2.26	_____
SEED					
Soybean seed	lbs	0.34	45.0000	15.30	_____
OPERATOR LABOR					
Tractors	hour	7.50	0.7700	5.77	_____
Self-Propelled Eq.	hour	7.50	0.2800	2.10	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2310	2.77	_____
DIESEL FUEL					
Tractors	gal	1.17	6.3600	7.44	_____
Self-Propelled Eq.	gal	1.17	1.4910	1.74	_____
GASOLINE					
Self-Propelled Eq.	gal	1.43	1.4000	2.00	_____
REPAIR & MAINTENANCE					
Implements	acre	4.31	1.0000	4.31	_____
Tractors	acre	5.67	1.0000	5.67	_____
Self-Propelled Eq.	acre	7.59	1.0000	7.59	_____
INTEREST ON OP. CAP.	acre	3.22	1.0000	3.22	_____

TOTAL DIRECT EXPENSES				84.97	_____
RETURNS ABOVE DIRECT EXPENSES				-2.28	_____
FIXED EXPENSES					
Implements	acre	6.44	1.0000	6.44	_____
Tractors	acre	9.24	1.0000	9.24	_____
Self-Propelled Eq.	acre	17.14	1.0000	17.14	_____

TOTAL FIXED EXPENSES				32.84	_____

TOTAL SPECIFIED EXPENSES				117.81	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-35.12	_____
ALLOCATED COST ITEMS					
Overhead (tenant)	acre	62.63	1.0000	62.63	_____
RESIDUAL RETURNS				-97.75	_____

Table 24.B Estimated resource use and costs for field operations, per acre
 Soybeans, silty soil, 8-row equipment, (38 inch rows),
 tenant-operators, Macon Ridge Area, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Disk	26.6 ft	168	0.070	2.00	Apr	2.78	1.97	1.29	1.92	0.154	1.15					9.13
Hipper	26.6 ft	168	0.070	1.00	Apr	1.39	0.98	0.28	0.42	0.077	0.57					3.66
Conditioner	26.6 Ft	168	0.070	1.00	May	1.39	0.98	0.43	0.57	0.077	0.57					3.96
Plant + pre	26.6 Ft	168	0.080	1.00	May	1.59	1.12	0.92	1.47	0.088	0.66					5.77
Soybean seed	lbs											45.0000	0.34	15.30		15.30
Canopy 75DF	lbs											0.4380	40.60	17.78		17.78
Other labor	hour											0.1200	7.50	0.90		0.90
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.58	0.39	0.11	0.16	0.055	0.41					1.66
Cultivator	26.6 ft	168	0.080	1.00	May	1.59	1.12	0.31	0.47	0.088	0.66					4.16
Cultivate + Post	26.6 ft	168	0.080	1.00	Jun	1.59	1.12	0.42	0.62	0.088	0.66					4.43
Classic	oz											0.0600	11.06	0.66		0.66
Surfactant	pt											0.0300	2.01	0.06		0.06
Ditcher rotary	1.5 ft	93	0.050	1.00	Jun	0.58	0.39	0.11	0.16	0.055	0.41					1.66
Cultivate + Post	26.6 ft	168	0.080	1.00	Jun	1.59	1.12	0.42	0.62	0.088	0.66					4.43
Fusilade DX	pt											0.1300	15.02	1.95		1.95
Crop oil	pt											0.1300	0.86	0.11		0.11
Airplane lo-vol (NE)	acre			1.00	Aug							0.5000	2.38	1.19		1.19
Pounce 3.2EC	pt											0.1250	18.15	2.26		2.26
Combine medium	20 Ft		0.210	1.00	Oct			8.04	13.75	0.231	2.77					24.57
Truck	5 ton		1.000	0.28	Oct			3.29	3.39	0.280	2.10					8.79
Other labor	hour											0.2800	7.50	2.10		2.10
TOTALS						13.11	9.24	15.66	23.59	1.281	10.64			42.32		114.59
INTEREST ON OPERATING CAPITAL																3.22
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																117.81

Table 25.A Estimated costs and returns per
 Corn, sandy soil, 8-row equipment, (38 inch rows),
 owner-operators, alluvial soils, northeast Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Corn	bu	2.50	125.0000	312.50	_____

TOTAL INCOME				312.50	_____
DIRECT EXPENSES					
CUSTOM					
Drying Charge	bu	0.19	125.0000	23.75	_____
FERTILIZER					
Nitrogen	lbs	0.25	200.0000	50.00	_____
Phosphate	lbs	0.19	60.0000	11.40	_____
Potash	lbs	0.15	60.0000	9.00	_____
HERBICIDES					
Atrazine 4L	pt	1.29	2.0000	2.58	_____
Lasso 4EC	pt	2.77	3.0000	8.31	_____
HIRED LABOR					
Other labor	hour	7.50	0.5200	3.90	_____
INSECTICIDES					
Counter 20CR	lbs	2.71	7.0000	18.97	_____
SEED					
Corn seed	thou	0.88	29.0000	25.52	_____
OPERATOR LABOR					
Tractors	hour	7.50	1.3420	10.06	_____
Self-Propelled Eq.	hour	7.50	0.4000	3.00	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2310	2.77	_____
DIESEL FUEL					
Tractors	gal	1.17	8.4990	9.94	_____
Self-Propelled Eq.	gal	1.17	1.4910	1.74	_____
GASOLINE					
Self-Propelled Eq.	gal	1.43	2.0000	2.86	_____
REPAIR & MAINTENANCE					
Implements	acre	5.49	1.0000	5.49	_____
Tractors	acre	8.63	1.0000	8.63	_____
Self-Propelled Eq.	acre	8.65	1.0000	8.65	_____
INTEREST ON OP. CAP.	acre	8.32	1.0000	8.32	_____

TOTAL DIRECT EXPENSES				214.92	_____
RETURNS ABOVE DIRECT EXPENSES				97.57	_____
FIXED EXPENSES					
Implements	acre	8.54	1.0000	8.54	_____
Tractors	acre	13.59	1.0000	13.59	_____
Self-Propelled Eq.	acre	19.70	1.0000	19.70	_____

TOTAL FIXED EXPENSES				41.84	_____

TOTAL SPECIFIED EXPENSES				256.77	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				55.72	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	73.65	1.0000	73.65	_____
RESIDUAL RETURNS					
Land (Oppor. Cst.)	acre	65.00	1.0000	65.00	_____
RESIDUAL RETURNS					
				-82.92	_____

Table 25.B Estimated resource use and costs for field operations, per
 Corn, sandy soil, 8-row equipment, (38 inch rows),
 owner-operators, alluvial soils, northeast Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
V-Ripper	9 shank	168	0.130	1.00	Jan	2.58	1.83	0.53	0.73	0.143	1.07					6.76
Disk	26.6 ft	168	0.070	1.00	Jan	1.39	0.98	0.64	0.96	0.077	0.57					4.56
Fertilizer buggy (R)	30 ft	93	0.060	1.00	Feb	0.32	0.47		0.00	0.066	0.49					1.28
Nitrogen	lbs											100.0000	0.25	25.00		25.00
Phosphate	lbs											60.0000	0.19	11.40		11.40
Potash	lbs											60.0000	0.15	9.00		9.00
Disk	26.6 ft	168	0.070	1.00	Feb	1.39	0.98	0.64	0.96	0.077	0.57					4.56
Hipper	26.6 ft	168	0.070	1.00	Mar	1.39	0.98	0.28	0.42	0.077	0.57					3.66
Ditcher rotary	1.5 ft	93	0.050	1.00	Mar	0.58	0.39	0.11	0.16	0.055	0.41					1.66
Conditioner	26.6 Ft	168	0.070	1.00	Mar	1.39	0.98	0.43	0.57	0.077	0.57					3.96
Plant + pre	26.6 Ft	168	0.080	1.00	Mar	1.59	1.12	0.92	1.47	0.088	0.66					5.77
Corn seed	thou											29.0000	0.88	25.52		25.52
Other labor	hour											0.1200	7.50	0.90		0.90
Atrazine 4L	pt											2.0000	1.29	2.58		2.58
Lasso 4EC	pt											3.0000	2.77	8.31		8.31
Counter 20CR	lbs											7.0000	2.71	18.97		18.97
Ditcher rotary	1.5 ft	93	0.050	1.00	Mar	0.58	0.39	0.11	0.16	0.055	0.41					1.66
Cultivator	26.6 ft	168	0.080	1.00	Apr	1.59	1.12	0.31	0.47	0.088	0.66					4.16
Ditcher rotary	1.5 ft	93	0.050	1.00	Apr	0.58	0.39	0.11	0.16	0.055	0.41					1.66
Fertilizer app (R)	20 ft	93	0.090	1.00	Apr	0.48	0.70		0.00	0.099	0.74					1.93
Nitrogen	lbs											100.0000	0.25	25.00		25.00
Combine corn	20 Ft		0.210	1.00	Aug			8.54	14.85	0.231	2.77					26.17
Drying Charge	bu											125.0000	0.19	23.75		23.75
Truck	5 ton		1.000	0.40	Aug			4.71	4.84	0.400	3.00					12.55
Other labor	hour											0.4000	7.50	3.00		3.00
Grain cart	450 bu	93	1.000	0.25	Aug	2.92	1.95	0.60	1.30	0.275	2.06					8.86
Disk	20 ft	143	0.100	1.00	Aug	1.73	1.25	0.77	1.14	0.110	0.82					5.73
TOTALS						18.57	13.59	18.75	28.25	1.973	15.83				153.43	248.45
INTEREST ON OPERATING CAPITAL																8.32
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																256.77

Table 26.A Estimated costs and returns per acre
Milo, 8-row equipment, (38 inch rows), owner-operators,
northeast Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Milo	Cwt	4.10	48.0000	196.80	_____

TOTAL INCOME				196.80	_____
DIRECT EXPENSES					
CUSTOM					
Airplane lo-vol (NE)	acre	2.38	1.0000	2.38	_____
FERTILIZER					
Nitrogen	lbs	0.25	120.0000	30.00	_____
HERBICIDES					
Atrazine 4L	pt	1.29	2.0000	2.58	_____
Lasso 4EC	pt	2.77	3.0000	8.31	_____
HIRED LABOR					
Other labor	hour	7.50	0.4700	3.52	_____
INSECTICIDES					
Lorsban 4E	pt	4.64	1.0000	4.64	_____
SEED					
Milo seed	lbs	1.14	8.0000	9.12	_____
OPERATOR LABOR					
Tractors	hour	7.50	0.7040	5.28	_____
Self-Propelled Eq.	hour	7.50	0.3500	2.62	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2310	2.77	_____
DIESEL FUEL					
Tractors	gal	1.17	4.9050	5.73	_____
Self-Propelled Eq.	gal	1.17	1.4910	1.74	_____
GASOLINE					
Self-Propelled Eq.	gal	1.43	1.7500	2.50	_____
REPAIR & MAINTENANCE					
Implements	acre	3.50	1.0000	3.50	_____
Tractors	acre	4.87	1.0000	4.87	_____
Self-Propelled Eq.	acre	7.91	1.0000	7.91	_____
INTEREST ON OP. CAP.	acre	3.49	1.0000	3.49	_____

TOTAL DIRECT EXPENSES				101.01	_____
RETURNS ABOVE DIRECT EXPENSES				95.78	_____
FIXED EXPENSES					
Implements	acre	5.24	1.0000	5.24	_____
Tractors	acre	7.83	1.0000	7.83	_____
Self-Propelled Eq.	acre	17.99	1.0000	17.99	_____

TOTAL FIXED EXPENSES				31.07	_____

TOTAL SPECIFIED EXPENSES				132.08	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				64.71	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	73.65	1.0000	73.65	_____
RESIDUAL RETURNS					
Land (Oppor. Cst.)MS	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS					
				-38.93	_____

Table 26.B Estimated resource use and costs for field operations, per acre
 Milo, 8-row equipment, (38 inch rows), owner-operators,
 northeast Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF TIMES			TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk	26.6 ft	168	0.070	2.00	Apr	2.78	1.97	1.29	1.92	0.154	1.15				9.13
Conditioner	26.6 Ft	168	0.070	1.00	Apr	1.39	0.98	0.43	0.57	0.077	0.57				3.96
Plant + pre	26.6 Ft	168	0.080	1.00	Apr	1.59	1.12	0.92	1.47	0.088	0.66				5.77
Atrazine 4L	pt											2.0000	1.29	2.58	2.58
Other labor	hour											0.1200	7.50	0.90	0.90
Milo seed	lbs											8.0000	1.14	9.12	9.12
Lasso 4EC	pt											3.0000	2.77	8.31	8.31
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Cultivator	26.6 ft	168	0.080	1.00	May	1.59	1.12	0.31	0.47	0.088	0.66				4.16
Cultivator	26.6 ft	168	0.080	1.00	May	1.59	1.12	0.31	0.47	0.088	0.66				4.16
Ditcher rotary	1.5 ft	93	0.050	1.00	Jun	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Fertilizer app (R)	20 ft	93	0.090	1.00	Jun	0.48	0.70		0.00	0.099	0.74				1.93
Nitrogen	lbs											120.0000	0.25	30.00	30.00
Airplane lo-vol (NE)	acre			1.00	Jun							1.0000	2.38	2.38	2.38
Lorsban 4E	pt											1.0000	4.64	4.64	4.64
Combine medium	20 Ft		0.210	1.00	Aug			8.04	13.75	0.231	2.77				24.57
Truck	5 ton		1.000	0.35	Aug			4.12	4.24	0.350	2.62				10.98
Other labor	hour											0.3500	7.50	2.62	2.62
TOTALS						10.61	7.83	15.67	23.23	1.285	10.67			60.55	128.59
INTEREST ON OPERATING CAPITAL															3.49
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															132.08

Table 27.A Estimated costs and returns per acre
Wheat, 8-row equipment, drill planted, owner-operators,
alluvial soils, northeast Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Wheat	bu	2.80	40.0000	112.00	_____

TOTAL INCOME				112.00	_____
DIRECT EXPENSES					
FERTILIZER					
Nitrogen	lbs	0.25	80.0000	20.00	_____
HIRED LABOR					
Other labor	hour	7.50	0.2800	2.10	_____
SEED					
Wheat seed	lbs	0.15	90.0000	13.50	_____
OPERATOR LABOR					
Tractors	hour	7.50	0.5720	4.29	_____
Self-Propelled Eq.	hour	7.50	0.2800	2.10	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2310	2.77	_____
DIESEL FUEL					
Tractors	gal	1.17	3.6570	4.27	_____
Self-Propelled Eq.	gal	1.17	1.4910	1.74	_____
GASOLINE					
Self-Propelled Eq.	gal	1.43	1.4000	2.00	_____
REPAIR & MAINTENANCE					
Implements	acre	2.65	1.0000	2.65	_____
Tractors	acre	3.72	1.0000	3.72	_____
Self-Propelled Eq.	acre	7.59	1.0000	7.59	_____
INTEREST ON OP. CAP.	acre	2.68	1.0000	2.68	_____

TOTAL DIRECT EXPENSES				69.44	_____
RETURNS ABOVE DIRECT EXPENSES				42.55	_____
FIXED EXPENSES					
Implements	acre	4.02	1.0000	4.02	_____
Tractors	acre	5.85	1.0000	5.85	_____
Self-Propelled Eq.	acre	17.14	1.0000	17.14	_____

TOTAL FIXED EXPENSES				27.03	_____

TOTAL SPECIFIED EXPENSES				96.48	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				15.51	_____

Table 27.B Estimated resource use and costs for field operations, per acre
Wheat, 8-row equipment, drill planted, owner-operators,
alluvial soils, northeast Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Disk	26.6 ft	168	0.070	2.00	Oct	2.78	1.97	1.29	1.92	0.154	1.15					9.13
Conditioner	26.6 Ft	168	0.070	1.00	Oct	1.39	0.98	0.43	0.57	0.077	0.57					3.96
Grain drill	20 ft	143	0.100	1.00	Oct	1.73	1.25	0.79	1.26	0.110	0.82					5.87
Wheat seed	lbs											90.0000	0.15	13.50		13.50
Trailer utility	10 Ft	93	1.000	0.10	Oct	1.17	0.78	0.02	0.10	0.110	0.82					2.90
Ditcher rotary	1.5 ft	93	0.050	1.00	Oct	0.58	0.39	0.11	0.16	0.055	0.41					1.66
Fertilizer buggy (R)	30 ft	93	0.060	1.00	Feb	0.32	0.47		0.00	0.066	0.49					1.28
Nitrogen	lbs											80.0000	0.25	20.00		20.00
Combine medium	20 Ft		0.210	1.00	May			8.04	13.75	0.231	2.77					24.57
Truck	5 ton		1.000	0.28	May			3.29	3.39	0.280	2.10					8.79
Other labor	hour											0.2800	7.50	2.10		2.10
TOTALS						8.00	5.85	13.99	21.17	1.083	9.16				35.60	93.79
INTEREST ON OPERATING CAPITAL																2.68
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																96.48

Table 28.A Estimated costs and returns per acre
Wheat and Soybeans, (double crop), 8-row equipment,
owner-operators, alluvial soils, northeast Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Wheat	bu	2.80	40.0000	112.00	_____
Soybean	bu	5.25	25.0000	131.25	_____

TOTAL INCOME				243.25	_____
DIRECT EXPENSES					
CUSTOM					
Airplane lo-vol (NE)	acre	2.38	0.5000	1.19	_____
FERTILIZER					
Nitrogen	lbs	0.25	80.0000	20.00	_____
HERBICIDES					
Lasso 4EC	pt	2.77	2.0000	5.54	_____
Scepter 70 DG	oz	4.86	0.3330	1.61	_____
2,4-DB	pt	3.03	0.5000	1.51	_____
HIRED LABOR					
Other labor	hour	7.50	0.6800	5.10	_____
INSECTICIDES					
Ambush 2EC	pt	13.80	0.2000	2.76	_____
SEED					
Wheat seed	lbs	0.15	90.0000	13.50	_____
Soybean seed	lbs	0.34	50.0000	17.00	_____
OPERATOR LABOR					
Tractors	hour	7.50	1.0670	8.00	_____
Self-Propelled Eq.	hour	7.50	0.5600	4.20	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.4620	5.54	_____
DIESEL FUEL					
Tractors	gal	1.17	8.0220	9.38	_____
Self-Propelled Eq.	gal	1.17	2.9820	3.48	_____
GASOLINE					
Self-Propelled Eq.	gal	1.43	2.8000	4.00	_____
REPAIR & MAINTENANCE					
Implements	acre	6.24	1.0000	6.24	_____
Tractors	acre	7.56	1.0000	7.56	_____
Self-Propelled Eq.	acre	15.19	1.0000	15.19	_____
INTEREST ON OP. CAP.	acre	6.67	1.0000	6.67	_____

TOTAL DIRECT EXPENSES				138.53	_____
RETURNS ABOVE DIRECT EXPENSES				104.71	_____
FIXED EXPENSES					
Implements	acre	9.32	1.0000	9.32	_____
Tractors	acre	12.20	1.0000	12.20	_____
Self-Propelled Eq.	acre	30.94	1.0000	30.94	_____

TOTAL FIXED EXPENSES				52.47	_____

TOTAL SPECIFIED EXPENSES				191.00	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				52.24	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	73.65	1.0000	73.65	_____
RESIDUAL RETURNS				-21.40	_____
Land (Oppor. Cst.)MS	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				-51.40	_____

Table 28.B Estimated resource use and costs for field operations, per acre
Wheat and Soybeans, (double crop), 8-row equipment,
owner-operators, alluvial soils, northeast Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk	26.6 ft	168	0.070	2.00	Oct	2.78	1.97	1.29	1.92	0.154	1.15				9.13
Conditioner	26.6 Ft	168	0.070	1.00	Nov	1.39	0.98	0.43	0.57	0.077	0.57				3.96
Grain drill	20 ft	143	0.100	1.00	Nov	1.73	1.25	0.79	1.26	0.110	0.82				5.87
Wheat seed	lbs											90.0000	0.15	13.50	13.50
Ditcher rotary	1.5 ft	93	0.050	1.00	Nov	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Fertilizer buggy (R)	30 ft	93	0.060	1.00	Feb	0.32	0.47		0.00	0.066	0.49				1.28
Nitrogen	lbs											80.0000	0.25	20.00	20.00
Combine double crop	20 Ft		0.210	1.00	May			8.04	12.07	0.231	2.77				22.89
Truck	5 ton		1.000	0.28	May			3.29	3.39	0.280	2.10				8.79
Other labor	hour											0.2800	7.50	2.10	2.10
Disk	26.6 ft	168	0.070	2.00	May	2.78	1.97	1.29	1.92	0.154	1.15				9.13
Conditioner	26.6 Ft	168	0.070	1.00	Jun	1.39	0.98	0.43	0.57	0.077	0.57				3.96
Plant + pre	26.6 Ft	168	0.080	1.00	Jun	1.59	1.12	0.92	1.47	0.088	0.66				5.77
Soybean seed	lbs											50.0000	0.34	17.00	17.00
Lasso 4EC	pt											2.0000	2.77	5.54	5.54
Other labor	hour											0.1200	7.50	0.90	0.90
Scepter 70 DG	oz											0.3330	4.86	1.61	1.61
Ditcher rotary	1.5 ft	93	0.050	1.00	Jun	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Cultivator	26.6 ft	168	0.080	1.00	Jun	1.59	1.12	0.31	0.47	0.088	0.66				4.16
Cultivate + Post	26.6 ft	168	0.080	1.00	Jul	1.59	1.12	0.42	0.62	0.088	0.66				4.43
2,4-DB	pt											0.5000	3.03	1.51	1.51
Ditcher rotary	1.5 ft	93	0.050	1.00	Jul	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Airplane lo-vol (NE)	acre			1.00	Aug							0.5000	2.38	1.19	1.19
Ambush 2EC	pt											0.2000	13.80	2.76	2.76
Combine double crop	20 Ft		0.210	1.00	Oct			8.04	12.07	0.231	2.77				22.89
Truck	5 ton		1.000	0.28	Oct			3.29	3.39	0.280	2.10				8.79
Other labor	hour											0.2800	7.50	2.10	2.10
TOTALS						16.95	12.20	28.93	40.27	2.089	17.74			68.22	184.33
INTEREST ON OPERATING CAPITAL															6.67
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															191.00

Appendix Table 1. Tractors: estimated useful life, annual use, purchase price, repair cost, fuel consumption rate, and direct and fixed cost per hour Louisiana, 2001.

ITEM NAME	SIZE	USEFUL	ANNUAL	PURCHASE	REPAIR	FUEL	--DIRECT COST--	--FIXED COST--
		LIFE	USE	PRICE	COST	CONS		
		years	hours	dollars	percent	/hour	\$/hr	\$/hr
Lg 4wd (base) LS	300	16	625	115,000	96	14.40	27.88	18.01
Lg 4wd. (base)	300	16	625	115,000	96	14.40	27.88	18.01
Lg 4wd. w/PS,3pt,pto	300	16	625	132,000	96	14.40	29.52	20.68
Pickup Truck	1\2 ton	5	800	17,000	45	2.50	5.48	4.72
Sm 4wd base (LS)	225	16	625	97,500	96	10.80	21.99	15.27
Sm 4wd. (base)	225	16	625	97,500	96	10.80	21.99	15.27
Sm 4wd. w/PS,3pt,pto	225	16	625	115,000	96	10.80	23.67	18.01
Tractor 106-130	118	16	625	70,000	104	6.80	15.23	10.96
Tractor 131-155	143	16	625	80,000	99	8.10	17.39	12.53
Tractor 131-155 (GC)	143	16	625	80,000	99	5.99	14.93	12.53
Tractor 15-30	23	16	625	12,000	170	1.60	4.32	1.88
Tractor 156-180	168	16	625	90,000	95	9.70	19.89	14.10
Tractor 31-55	43	16	625	17,500	159	2.70	5.94	2.74
Tractor 56-80	68	16	625	25,000	138	4.20	8.36	3.91
Tractor 80-105	93	16	625	50,000	108	5.40	11.71	7.83
Tractor 80-105 (GC)	93	16	625	50,000	108	3.99	10.07	7.83

Appendix Table 2. Self-propelled machines: estimated performance rate, useful life, annual use, purchase price, repair cost, fuel consumption rate, and direct and fixed cost per hour and per acre Louisiana, 2001.

ITEM NAME	SIZE	PERF	USEFUL	ANNUAL	PURCHASE	REPAIR	FUEL	--DIRECT COST--	--FIXED COST--		
		RATE	LIFE	USE	PRICE	COST	CONS				
		hrs/ac	years	hours	dollars	percent	/hour	\$/hr	\$/ac	\$/hr	\$/ac
Combine corn	20 Ft	0.210	10	300	162,000	60	7.10	40.70	8.54	70.74	14.85
Combine double crop	20 Ft	0.210	6	500	150,000	60	7.10	38.30	8.04	57.51	12.07
Combine large	25 Ft	0.170	10	300	165,000	60	8.60	43.06	7.32	72.05	12.24
Combine medium	20 Ft	0.210	10	300	150,000	60	7.10	38.30	8.04	65.50	13.75
Combine Rice	25 Ft	0.300	10	300	165,000	60	8.60	43.06	12.91	72.05	21.61
Combine Rice second	25 Ft	0.160	10	300	165,000	60	8.60	43.06	6.88	72.05	11.52
Cotton Picker	2 Row	0.580	10	250	120,000	85	7.70	49.80	28.88	62.88	36.47
Cotton Picker	5-row	0.200	10	250	205,000	85	9.60	80.93	16.18	107.42	21.48
Cotton Picker second	2 Row	0.400	10	250	120,000	85	7.70	49.80	19.92	62.88	25.15
Cotton Picker second	4 Row	0.170	10	250	190,000	85	9.60	75.83	12.89	99.56	16.92
Cotton Picker-MB-BB	4 Row	0.220	10	250	190,000	85	9.60	75.83	16.68	99.56	21.90
Cotton Stripper	4 row	0.250	10	300	120,000	75	6.00	37.02	9.25	52.40	13.10
Crawfish combine		1.000	10	400	6,500	55	3.50	4.98	4.98	2.12	2.12
Hi-cycle sprayer	60 Ft	0.033	12	250	60,000	60	2.90	15.39	0.50	27.86	0.91
Pickup truck	1/2 ton	1.000	5	800	17,000	45	2.50	5.48	5.48	4.72	4.72
Truck	1 ton	1.000	10	400	25,500	50	3.00	7.47	7.47	8.35	8.35
Truck	2 ton	1.000	10	400	30,000	50	3.70	9.04	9.04	9.82	9.82
Truck	5 ton	1.000	10	400	37,000	50	5.00	11.77	11.77	12.11	12.11

Appendix Table 3. Implements: estimated performance rate, useful life, annual use, purchase price, repair cost, and direct and fixed cost per hour and per acre Louisiana, 2001.

ITEM NAME	SIZE	PERF	USEFUL	ANNUAL	PURCHASE	REPAIR	--DIRECT COST--		--FIXED COST--	
		RATE	LIFE	USE	PRICE	COST	\$/hr	\$/ac	\$/hr	\$/ac
		hrs/ac	years	hours	dollars	percent				
Backhoe	2	1.000	10	100	6,000	88	5.28	5.28	7.86	7.86
Baler convention	20 ft	0.140	10	150	14,000	92	8.58	1.20	12.22	1.71
Baler Round	Large	0.200	10	150	20,000	94	12.53	2.50	17.46	3.49
Boll buggy	6 bale	1.000	12	200	18,000	80	6.00	6.00	10.45	10.45
Boom sprayer	30 ft	0.060	8	150	3,000	110	2.75	0.16	3.07	0.18
Chisel plow	13.3 ft	0.140	10	200	6,000	88	2.64	0.36	3.93	0.55
Chisel plow	20 ft	0.090	10	200	12,000	88	5.28	0.47	7.86	0.70
Conditioner	13.3 ft	0.150	6	200	4,500	88	3.30	0.49	4.31	0.64
Conditioner	20 ft	0.090	6	200	6,500	88	4.76	0.42	6.23	0.56
Conditioner	26.6 Ft	0.070	6	200	8,500	88	6.23	0.43	8.14	0.57
Cult + Post(2x1)skip	26.6 ft	0.080	10	200	10,000	88	4.40	0.35	6.55	0.52
Cultumulcher	12 Ft	0.160	15	120	5,500	88	2.68	0.43	4.65	0.74
Cultivate + post	13.3 ft	0.160	10	200	6,250	88	2.75	0.44	4.09	0.65
Cultivate + Post	20 ft	0.110	10	200	8,200	88	3.60	0.39	5.37	0.59
Cultivate + Post	26.6 ft	0.080	10	200	12,000	88	5.28	0.42	7.86	0.62
Cultivator	13.3 ft	0.140	10	200	4,500	88	1.98	0.27	2.94	0.41
Cultivator	20 ft	0.100	10	200	6,550	88	2.88	0.28	4.29	0.42
Cultivator	26.6 ft	0.080	10	200	9,000	88	3.96	0.31	5.89	0.47
Cultivator	6-Row30"	0.140	10	200	5,350	88	2.35	0.32	3.50	0.49
Cultivator (2x1)skip	26.6 ft	0.080	10	200	8,000	88	3.52	0.28	5.24	0.41
Disk	13.3 ft	0.150	10	200	8,500	88	3.74	0.56	5.56	0.83
Disk	20 ft	0.100	10	200	17,500	88	7.70	0.77	11.46	1.14
Disk	26.6 ft	0.070	10	200	21,000	88	9.24	0.64	13.75	0.96
Disk (water)	20 ft	0.350	10	200	17,500	88	7.70	2.69	11.46	4.01
Disk + pre	13.3 ft	0.160	10	200	9,250	88	4.07	0.65	6.05	0.96
Disk + pre	20 ft	0.100	10	200	18,700	88	8.22	0.82	12.24	1.22
Disk + pre	26.6 ft	0.070	10	200	22,500	88	9.90	0.69	14.73	1.03
Ditcher rotary	1.5 ft	0.050	10	100	2,500	88	2.20	0.11	3.27	0.16
Ditcher side	1.5 ft	0.050	10	200	3,750	88	1.65	0.08	2.45	0.12
Doall (water)	20 ft	0.350	15	100	8,000	88	4.69	1.64	8.12	2.84
Dozer blade	10ft	0.850	20	100	3,500	66	1.15	0.98	3.06	2.60
Drag	14 ft	0.130	8	200	800	88	0.44	0.05	0.61	0.07
Fertilizer app anh	18 ft	0.170	8	150	6,000	93	4.65	0.79	6.14	1.04
Fertilizer app liq	18 ft	0.130	10	130	5,500	110	4.65	0.60	5.54	0.72
Fertilizer buggy	30 ft	0.060	10	150	6,500	88	3.81	0.22	5.67	0.34
Field cult + pre	20 ft	0.100	10	200	9,750	88	4.29	0.42	6.38	0.63
Field cult + pre	32 ft	0.060	10	200	16,500	88	7.26	0.43	10.80	0.64
Field cultivator	20 ft	0.090	10	200	8,750	88	3.85	0.34	5.73	0.51
Field cultivator	32 ft	0.050	10	200	15,500	88	6.82	0.34	10.15	0.50
Grain cart	450 bu	1.000	15	175	9,000	71	2.43	2.43	5.22	5.22
Grain drill	12 ft	0.210	8	200	7,500	77	3.60	0.75	5.76	1.20
Grain drill	20 ft	0.100	8	200	16,500	77	7.94	0.79	12.67	1.26
Harrow	6 Ft	0.410	10	300	800	88	0.23	0.09	0.34	0.14
Hipper	13.3 ft	0.150	10	200	4,500	88	1.98	0.29	2.94	0.44
Hipper	20 ft	0.090	10	200	7,200	88	3.16	0.28	4.71	0.42
Hipper	26.6 ft	0.070	10	200	9,200	88	4.04	0.28	6.02	0.42
Hipper + Fert	20 ft	0.110	10	200	8,500	88	3.74	0.41	5.56	0.61
Honey wagon	3000 gal	1.000	10	200	6,380	88	2.80	2.80	4.17	4.17
Hooded spayer	8-row	0.100	12	200	8,900	85	3.15	0.31	5.16	0.51
Land level	13 ft	0.190	15	200	7,500	66	1.65	0.31	3.80	0.72
Laser Equipment	1	1.560	10	350	17,500	20	1.00	1.56	6.55	10.21
Laser Equipment #2	1	1.000	10	350	17,500	20	1.00	1.00	6.55	6.55
Laser Scraper	9 cu. yd	1.560	15	350	9,500	66	1.19	1.86	2.75	4.29
Levee plow	8 Ft	0.050	10	150	4,600	50	1.53	0.07	4.01	0.20
Manure spreader	110 yd	1.000	15	100	6,550	88	3.84	3.84	6.64	6.64
Middle buster	13.3 ft	0.150	15	100	2,400	70	1.12	0.16	2.43	0.36
Module Builder	32 Ft	1.000	12	125	22,000	80	11.73	11.73	20.43	20.43
Molboard 4 bottom	6 Ft	0.330	15	200	2,000	108	0.72	0.23	1.01	0.33
Mower conditioner	9 Ft	0.190	10	150	10,000	198	13.20	2.50	8.73	1.65
Mower drum	6.7 Ft	0.250	10	150	4,400	44	1.29	0.32	3.84	0.96
Mtd. Boom Sprayer	15 ft.	0.145	8	150	1,800	110	1.65	0.23	1.84	0.26
No till drill (15)	15 ft	0.145	8	200	26,000	71	11.53	1.67	19.97	2.89
No till planter	20 Ft	0.100	8	200	27,500	117	20.10	2.01	21.12	2.11
Nurse tank	1000 gal	0.130	10	130	3,500	22	0.59	0.07	3.52	0.45
Plant + pre	13.3 ft	0.160	8	200	12,000	77	5.77	0.92	9.21	1.47
Plant + pre	20 Ft	0.110	8	200	18,000	77	8.66	0.95	13.82	1.52
Plant + pre	26.6 Ft	0.080	8	200	24,000	77	11.55	0.92	18.43	1.47
Plant + Pre (2x1)	26.6 ft	0.080	8	200	20,000	77	9.62	0.77	15.36	1.22
Planter	13.3 ft	0.140	8	200	10,500	77	5.05	0.70	8.06	1.12
Planter	20 Ft	0.090	8	200	16,500	77	7.94	0.71	12.67	1.14
Planter	26.6 ft	0.070	8	200	21,000	77	10.10	0.70	16.13	1.12
Planter	6row 30"	0.140	8	200	15,000	77	7.21	1.01	11.52	1.61
Ridge tiller	26.6 ft	1.000	12	200	18,000	80	6.00	6.00	10.45	10.45
Ripper- hipper	13.3 ft	0.160	10	200	7,000	88	3.08	0.49	4.58	0.73
Rotary hoe	18 ft	0.080	20	75	4,500	110	3.30	0.26	5.24	0.41
Rotary mower	13.3 ft	0.130	10	150	7,000	44	2.05	0.26	6.11	0.79
Rotary mower	6.7 ft	0.150	10	150	2,500	44	0.73	0.11	2.18	0.32
Sodseeder	12 ft	0.110	8	200	6,500	77	3.12	0.34	4.99	0.54
Spike harrow	18 ft	0.080	10	200	2,000	88	0.88	0.07	1.31	0.10
Spike harrow (dbl)	18 ft	0.080	10	200	2,000	88	0.88	0.07	1.31	0.10
Sprayer cattle	6 ft	1.000	15	70	700	71	0.47	0.47	1.01	1.01
Sprigger	60 bu	0.400	10	100	8,500	77	6.54	2.61	11.13	4.45
Springtooth harrow	20 ft	0.110	13	150	3,500	132	2.36	0.26	2.57	0.28
Stalk cutter	13.3 ft	0.130	10	150	8,000	44	2.34	0.30	6.98	0.90
Stalk cutter	6.7 ft	0.250	10	150	2,750	44	0.80	0.20	2.40	0.60
Subsoiler	3 shank	0.400	15	100	2,500	100	1.66	0.66	2.53	1.01
Tractor blade	6 ft	1.000	15	100	500	137	0.45	0.45	0.50	0.50
Tractor Spreader	20 ft	0.110	10	150	700	88	0.41	0.04	0.61	0.06
Trailer cotton	10 bale	1.000	15	200	5,500	88	1.61	1.61	2.79	2.79
Trailer gooseneck	6 ft	1.000	15	100	5,000	88	2.93	2.93	5.07	5.07
Trailer hay	6 Ft	0.500	15	100	2,000	88	1.17	0.58	2.03	1.01
Trailer utility	10 Ft	1.000	15	200	2,000	35	0.23	0.23	1.01	1.01
V- Ripper	7 shank	0.170	15	100	4,200	110	3.08	0.52	4.26	0.72
V-Ripper	9 shank	0.130	15	100	5,600	110	4.10	0.53	5.68	0.73
Water level	16 Ft	0.220	15	100	2,750	66	1.21	0.26	2.79	0.61
Water/Laser Level	16	1.000	15	100	2,750	66	1.21	1.21	2.79	2.79

Appendix Table 4. Operating inputs: estimated prices Louisiana, 2001.

ITEM NAME	UNIT	PRICE	ITEM NAME	UNIT	PRICE
		dollars			dollars
CUSTOM					
Airplane benlate	acre	4.70	Lexone L	pt	13.26
Airplane Fert	acre	4.20	Londax 60DF	oz	14.65
Airplane Fert	cwt	4.58	Lorox 4L	pt	7.33
Airplane hi-vol (NE)	acre	3.60	Lorox 50DG	lbs	10.12
Airplane hi-vol (RR)	acre	4.23	MSMA 6.6	pt	2.22
Airplane Insect	acre	4.27	MSMA plus	pt	2.14
Airplane lo-vol (NE)	acre	2.38	Ordram 15G	lbs	1.08
Airplane lo-vol (NE)	acre	2.38	Ordram 8E	pt	6.71
Airplane lo-vol (RR)	acre	3.05	Poast 1.5L	pt	9.90
Airplane seed	cwt	4.25	Probe	lbs	17.50
Airplane seed	cwt	4.60	Prowl 3.3	pt	2.60
Airplane seed	acre	4.50	Reflex	oz	0.64
Airplane seed	cwt	4.85	Roundup D-PAK	pt	6.83
Airplane ulv	acre	1.93	Roundup Ultra	pt	4.68
Custom harvest	lbs	0.10	Scepter 70 DG	oz	4.86
Custom Harvest	lbs	0.10	Sencor 90DF	lbs	18.32
Drying Charge	bu	0.19	Sencor L	pt	11.54
Drying Charge	cwt	0.17	Stam M4	qt	4.93
Drying Rice	cwt	0.93	Surfactant	pt	2.01
Fertilizer Cart	ton	4.75	Treflan 4L	pt	3.19
Fertilizer Truck	acre	3.95	Whip360	pt	25.80
Fertilizer Truck	acre	3.95	Zorial 80DF	lbs	14.17
Global Pos. System	acre	0.50	HIRED LABOR		
GPS Spreading	acre	7.33	Other labor	hour	7.50
Storage Rice	cwt	0.45	INSECTICIDES		
Storage Soybeans	bu	0.20	Ambush 2EC	pt	13.80
DEFOLIANT					
Def	pt	5.61	Ammo 2.5E	oz	1.65
Dropp	lbs	56.34	Asana XL .66EC	pt	13.73
Finish	pt	9.72	Baythroid	pt	50.85
Folex	pt	5.39	Bidrin 8EC	pt	11.13
Harvade	pt	10.30	Counter 20CR	lbs	2.71
Prep	pt	6.53	Curacron 8E	pt	11.74
Sodium Chlorate	pt	0.61	Cygon 4EC	pt	4.13
FERTILIZER					
Ammonium Nitrate 33%	lbs	0.08	Diazinon AG500	pt	3.73
Ammonium Sulfate 21%	lbs	0.07	Dimethoate 5	pt	4.41
Anhydrous (82%)	lbs	0.13	Furadan 3G	lbs	0.95
Boron	lbs	0.38	Guthion 2L	pt	4.06
Lime (spread)	ton	30.80	Icon Treatment (dry)	cwt	14.00
Nitrogen	lbs	0.25	Icon Treatment (wet)	cwt	17.05
Nitrogen (32%)	lbs	0.22	Karate Z2	oz	3.79
Phosphate	lbs	0.19	Lannate LV2.4E	pt	6.40
Potash	lbs	0.15	Larvin 3.2 E	pt	7.05
Urea (45%)	lbs	0.07	Lorsban 4E	pt	4.64
Zinc Sulfate (36%)	lbs.	0.97	Methyl parathion 4E	pt	3.56
FUNGICIDES					
Benlate 50% WP	lbs	16.51	Monitor 4EC	pt	9.79
Giberlic acid	cwt	3.00	Orthene 75S	lb	11.34
Quadris	oz.	2.23	Orthene 90SP	lb	10.19
Rovral WG	lbs.	20.34	Pounce 3.2EC	pt	18.15
Tilt 3EC	oz	2.39	Scout x-tra	pt	31.51
TSX 18.8G	lbs	1.44	Sevin 80% S	lbs	4.85
GROWTH REGULATORS					
Pix	oz	0.77	Sevin XLR	pt	3.41
HERBICIDES					
2,4-d amine	pt	1.47	Temik 15G	lbs	3.32
2,4-D-LV4	pt	2.01	Tracer 4EC	oz	5.76
2,4-DB	pt	3.03	Bt Cotton Fee	acre	26.40
Arrosolo	Gal.	25.19	BT/RR Tech Fee	acre	33.80
Atrazine 4L	pt	1.29	BWE assessment (NE)	acre	15.00
Basagran 4L	pt	8.71	BWE Assessment (Red)	acre	10.00
Bicep	qt	8.26	Ginning cost	lbs	0.08
Bladex 4L	pt	3.71	Innoculant	bu	0.70
Blazer 2L	pt	7.77	Insect scout	acre	9.00
Bolero	pt	6.11	Insect Scout (Bt)	acre	12.00
Canopy 75DF	lbs	40.60	Roundup tech fee	acre	7.40
Caparol 4L	qt	6.99	Storage	bale	25.00
Classic	oz	11.06	Supply & misc	dol	1.00
Command 3ME	pt	7.94	SEED		
Cotoran 4L	qt	8.65	Bt Cotton Seed	lb	1.03
Crop oil	pt	0.86	BT/RR Cotton Seed	lbs	1.15
DSMA 4L	pt	1.01	Corn seed	thou	0.88
Dual 8E	pt	7.16	Corn seed (Bt)	thou	0.99
Fusilade DX	pt	15.02	Cotton seed	lbs	0.88
Goal 2XL	pt	11.05	Cotton seed (BXN)	lbs	1.50
Gramoxone extra2.5SL	pt	3.79	Cotton seed (RR)	lbs	1.15
Harmony Extra	oz	11.56	Milo seed	lbs	1.14
Karmex	lbs	4.33	Ryegrass seed	lbs	0.32
Lasso 4EC	pt	2.77	Seed treatment	bu	0.84
Lexone 90DF	lbs	17.76	Soybean seed	lbs	0.34
			Soybean Seed (RR)	lbs	0.53
			Vetch seed	lbs	1.51
			Wheat seed	lbs	0.15
			Wheat seed	lbs	0.12
			Winter peas seed	lbs	0.34

Appendix Table 5. Estimated costs per acre, overhead costs, owner-operators, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
HIRED LABOR					
Other labor	hour	7.50	1.2700	9.52	_____
OTHER					
Farmstead & drainage	dol	1.00	4.2500	4.25	_____
Utilities	dol	1.00	4.7900	4.79	_____
Misc. overhead	dol	1.00	1.6000	1.60	_____
Insurance	dol	1.00	2.7300	2.73	_____
Property tax	dol	1.00	1.6000	1.60	_____
OPERATOR LABOR					
Tractors	hour	7.50	0.1650	1.23	_____
Self-Propelled Eq.	hour	7.50	1.5000	11.25	_____
shop bld.& equip.	hour	7.50	0.5800	4.35	_____
DIESEL FUEL					
Tractors	gal	1.17	0.4050	0.47	_____
GASOLINE					
Self-Propelled Eq.	gal	1.43	3.7500	5.36	_____
REPAIR & MAINTENANCE					
Implements	acre	0.11	1.0000	0.11	_____
Tractors	acre	0.41	1.0000	0.41	_____
Self-Propelled Eq.	acre	2.86	1.0000	2.86	_____
shop bld.& equip.	acre	6.66	1.0000	6.66	_____
INTEREST ON OP. CAP.	acre	2.94	1.0000	2.94	_____
TOTAL DIRECT EXPENSES				60.17	_____
FIXED EXPENSES					
Implements	acre	0.32	1.0000	0.32	_____
Tractors	acre	0.41	1.0000	0.41	_____
Self-Propelled Eq.	acre	7.08	1.0000	7.08	_____
shop bld.& equip.	acre	5.66	1.0000	5.66	_____
TOTAL FIXED EXPENSES				13.48	_____
TOTAL SPECIFIED EXPENSES				73.65	_____

Appendix Table 6. Estimated costs per acre, overhead costs, tenant-operators, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
HIRED LABOR					
Other labor	hour	7.50	0.7600	5.70	_____
OTHER					
Farmstead & drainage	dol	1.00	1.5700	1.57	_____
Utilities	dol	1.00	2.8100	2.81	_____
Misc. overhead	dol	1.00	1.6000	1.60	_____
Insurance	dol	1.00	2.2900	2.29	_____
OPERATOR LABOR					
Tractors	hour	7.50	0.1650	1.23	_____
Self-Propelled Eq.	hour	7.50	1.5000	11.25	_____
shop bld.& equip.	hour	7.50	0.5800	4.35	_____
DIESEL FUEL					
Tractors	gal	1.17	0.4050	0.47	_____
GASOLINE					
Self-Propelled Eq.	gal	1.43	3.7500	5.36	_____
REPAIR & MAINTENANCE					
Implements	acre	0.11	1.0000	0.11	_____
Tractors	acre	0.41	1.0000	0.41	_____
Self-Propelled Eq.	acre	2.86	1.0000	2.86	_____
shop bld.& equip.	acre	6.66	1.0000	6.66	_____
INTEREST ON OP. CAP.	acre	2.45	1.0000	2.45	_____
TOTAL DIRECT EXPENSES				49.15	_____
FIXED EXPENSES					
Implements	acre	0.32	1.0000	0.32	_____
Tractors	acre	0.41	1.0000	0.41	_____
Self-Propelled Eq.	acre	7.08	1.0000	7.08	_____
shop bld.& equip.	acre	5.66	1.0000	5.66	_____
TOTAL FIXED EXPENSES				13.48	_____
TOTAL SPECIFIED EXPENSES				62.63	_____