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**2006  
Projected  
Commodity  
Costs  
And  
Returns**

**Cotton, Soybeans, Corn, Milo  
and Wheat Production  
in Red River and Central  
Areas of Louisiana**

**Kenneth W. Paxton**



**Farm Management Research & Extension  
Department of Agricultural Economics & Agribusiness  
A.E.A. Information Series No. 235 - January 2006**

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PROJECTED COSTS AND RETURNS  
COTTON, SOYBEANS, CORN, MILO AND WHEAT,  
RED RIVER AND CENTRAL AREAS, LOUISIANA, 2006

by

Kenneth W. Paxton



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#### ACKNOWLEDGMENTS

Many persons were instrumental in making this report possible. The author is particularly indebted to the following: Department of Agricultural Economics, Mississippi State University for developing and sharing input cost data for budget development, Louisiana Agricultural Statistics Service for providing input price information; Farmers for cooperation in providing the survey information essential for this report; Janis Breaux and Robert Boucher for coding and analyzing data; Departmental Farm Management Committee, State Extension Service Personnel, and Scientists in the Louisiana Agricultural Experiment Station for assistance in preparation of this report.

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Kenneth W. Paxton<sup>1</sup>

## INTRODUCTION

Producers need reliable information upon which to base critical management decisions. These decisions include the use of various inputs in the production process as well as alternative enterprises. Given the events of the past year and the resultant changes in input costs, production decisions are likely to be even more critical in 2006. Estimating production costs is a critical first step in developing a marketing plan and the budgets presented here provide a framework for making those estimates. While the budgets presented here are based on our best estimate of representative production practices, they will not fit every situation. Individuals utilizing these budgets should modify them to reflect data for their own operation. In addition to producers, extension agents, financial institution, and other researchers should find the information in this report useful.

## 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 cash 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 cash 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 chooses to rent out the land rather than produce the enterprise.

### Overhead Costs

Overhead cost projections presented in this report are based on the 2000 ERS survey of overhead costs. This survey is conducted every three to eight years. Methodology and detailed information can be found on the ERS website at <http://www.ers.usda.gov>. Forecasts for general farm overhead, and taxes and insurance for corn, soybeans, cotton and rice for regions that include Louisiana for 2004 were averaged. The percentage difference between 2004 and the projected costs for 2006 for each crop national average was calculated and these were averaged. The 2004 regional average was then increased by this average to produce the figure used in this report.

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## Irrigation Costs

Irrigation costs shown in the cotton budget are based on a poly-pipe irrigation system. A 160 acre poly-pipe system was used to develop irrigation costs. The system includes a 120 foot deep well with 8-inch casing with a 6-inch discharge. Details of system costs are shown in Table 1. It was assumed that the poly-pipe (furrow) system would be used three times per year to apply a total of 10 acre-inches of water. 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 a total of 7.5 acre-inches of water.

## Cotton Budgets

This report presents cotton budgets showing projected costs and returns for 2006 for the Red River and Central Areas of Louisiana. Cotton budgets are presented for 8- and 12-row equipment. A 38 inch row spacing was used as a basis for all equipment size designation. Both owner-operators and tenant-operators budgets are presented in this report. Following each budget is a table showing the sequence of operations and associated machinery costs and labor requirements for each operation.

### Cotton Harvesting

Harvesting costs shown in the budgets are based on using four-row cotton pickers. Data on costs associated with owning and operating two-row cotton pickers are shown in the appendix to this report. These data indicate that the cost of owning and operating a two-row picker are approximately \$65.00 per acre compared to \$38.00 for a four-row picker. These costs assume that the four-row machine will be used on approximately 1,100 acres while the two-row machine will be used on 430 acres. Rates of use higher (lower) than these will decrease (increase) per acre costs. Enterprise budgets reflect twice over harvest for approximately half of the acreage. 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.

Table 1. Estimated costs per Acre, Poly pipe irrigation system, 160 acres, applying 10.5 inches in three applications Louisiana, 2006

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
<b>DIRECT EXPENSES</b>					
<b>IRRIGATION SUPPLIES</b>					
Roll-Out Pipe	ft	0.21	33.0000	6.93	_____
<b>LA Hired Labor</b>					
Implements	hour	9.60	0.0062	0.06	_____
Tractors	hour	9.60	0.2930	2.81	_____
<b>LA Irrigation Labor</b>					
Special Labor	hour	9.60	0.1500	1.44	_____
<b>DIESEL FUEL</b>					
Tractors	gal	2.20	2.8274	6.23	_____
Engine, RPF, 75	gal	2.20	8.5535	18.81	_____
<b>REPAIR &amp; MAINTENANCE</b>					
Implements	Acre	0.36	1.0000	0.36	_____
Tractors	Acre	1.04	1.0000	1.04	_____
Well & Pump, Furrow	each	288.00	0.0062	1.80	_____
Engine, RPF, 75	ac-in	0.17	10.5000	1.89	_____
INTEREST ON OP. CAP.	Acre	1.30	1.0000	1.30	_____
<b>TOTAL DIRECT EXPENSES</b>				42.67	_____
<b>FIXED EXPENSES</b>					
Implements	Acre	1.07	1.0000	1.07	_____
Tractors	Acre	7.10	1.0000	7.10	_____
Well & Pump, Furrow	each	974.69	0.0062	6.09	_____
Main Line Pipe	each	627.21	0.0062	3.92	_____
Land Forming (\$240)	each	19.49	1.0000	19.49	_____
Engine, RPF, 75	each	720.29	0.0062	4.50	_____
<b>TOTAL FIXED EXPENSES</b>				42.17	_____
<b>TOTAL SPECIFIED EXPENSES</b>				84.84	_____

Table 2. Estimated costs per Acre Center pivot irrigation system,  
1/4 mile, applying 7.5 inches in three applications Louisiana, 2006

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
LA Hired Labor					
Special Labor	hour	9.60	0.2036	1.95	_____
DIESEL FUEL					
Engine, 1/4 CP, 65	gal	2.20	11.2011	24.64	_____
REPAIR & MAINTENANCE					
Well & Pump, 1/4 CP	each	288.00	0.0074	2.13	_____
Engine, 1/4 CP, 65	ac-in	0.25	7.5000	1.94	_____
Pivot, 1/4 CP	1320'	880.00	0.0074	6.52	_____
INTEREST ON OP. CAP.	Acre	1.27	1.0000	1.27	_____
				-----	
TOTAL DIRECT EXPENSES				38.45	_____
FIXED EXPENSES					
Well & Pump, 1/4 CP	each	974.69	0.0074	7.22	_____
Engine, 1/4 CP, 65	each	630.25	0.0074	4.67	_____
Pivot, 1/4 CP	each	3961.61	0.0074	29.35	_____
				-----	
TOTAL FIXED EXPENSES				41.24	_____
				-----	
TOTAL SPECIFIED EXPENSES				79.69	_____

### 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. The eradication phase of the program has been completed and currently cotton producers pay an annual assessment for maintenance. The assessment is currently set at \$6 per acre. Cotton budgets in this publication include the assessment as a cost of producing cotton for 2006. Insecticide programs have been modified to account for BWE program applications.

### Storage Charges

Cotton budgets for 2006 include an allowance for the storage of cotton. Typically, cotton leaving the gin moves to a warehouse before moving into the marketing channel. Cotton placed in a warehouse is assessed an in and out charge as well as a compression charge. In addition, there is a monthly storage charge. While charges for these services vary among warehouses across the state, a vast majority (over 95%) of the cotton marketed in the state moves through a warehouse and incurs some cost. Many warehouses offer rebates to producers storing cotton at their facility. For the purpose of developing estimates for budgets in this publication, we have assumed that the average length of storage is approximately five to six months. Total net charges for storage (including in/out and compression charges less rebate) are estimated to be \$25 per bale.

### Soybean Budgets

Budgets showing projected costs and returns for soybeans for 2006 are presented for the Red River and Central Areas. Budgets are presented for two soil types (sandy and clay) and equipment sizes (8- and 12-row). Equipment size designations are generally based on a 38 inch row width. While this row spacing remains popular with many producers, a significant portion of soybean acreage employs narrower row spacing. These narrower row spacing are reflected in budgets for a 20 inch spacing and drill planted soybeans.

## Corn, Milo and Wheat Budgets

Budgets showing projected costs and returns for corn, milo and wheat for 2006 are presented for the Red River and Central Areas. Following each budget is a table showing the operations and associated costs for each operation. Corn, milo, and wheat budgets showing projected costs for 2006 are presented for one equipment size (8-row). Since wheat is generally produced in a double crop situation, a charge for farm overhead is not included in the wheat budget.

### SUMMARY

A summary of projected costs and returns for cotton production situations included in this report is presented in Table 1. There is a slight advantage for the larger size equipment in terms of net returns and total costs. Cotton production costs for 2006 include the use of a module builder and boll buggy for a portion of the cotton harvested. A mandatory checkoff charge of \$2.25 per bale was included in the 2006 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 2. 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 3. Budgets are presented for two soil types (sandy and clay) and two equipment sizes (8- and 12-row). Within soil types, larger sized equipment had an advantage over smaller size equipment. There was little difference in net returns for soybeans produced on sandy soils and soybeans produced on clay soils. Table 4 presents breakeven selling prices for soybeans at five yield levels for the budget situations.

Table 5 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). Breakeven selling prices for corn, milo and wheat at five yield levels are presented in Table 6.

"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.

Table 3. A summary of projected costs and returns per acre for cotton production, Red River and Central Areas, Louisiana, 2006.<sup>A</sup>

Crop Description	Yield per Acre <sup>B</sup>	Unit	Total Income	Total Direct Expenses	Returns	Total	Total	Returns
					Above Direct Expenses	Fixed Expenses	Specified Expenses <sup>C</sup>	Above Specified Expenses
Cotton, 8-row, solid, Conventional	850	Lbs. lint	490.74	464.63	26.11	99.73	564.36	-73.62
Cotton, 8-row, RR, Clay Soil	800	Lbs. lint	461.85	459.88	1.97	80.07	539.95	-78.10
Cotton, 8-row, BG/RR, Tenant <sup>D</sup>	850	Lbs. lint	392.56	455.93	-63.37	84.11	540.04	-147.48
Cotton, 12-row, BG/RR, Tenant <sup>D</sup>	850	Lbs. lint	392.56	432.89	-40.33	75.33	508.22	-115.66
Cotton, 8-row, BG/RR, Irrigated	1100	Lbs. lint	635.04	576.18	58.86	125.06	701.24	-66.20

<sup>A</sup>Cotton lint price of \$0.52 per pound and \$0.044 per pound for cottonseed was used.

<sup>B</sup>Cottonseed yield (not shown here) is calculated as 1.55 times lint yield.

<sup>C</sup>Farm overhead charges are not included in total specified expenses. Land costs are explicitly included (in the form of reduced revenue) for tenant operators.

<sup>D</sup>Assumes a cotton rental arrangement of 1/5 crop share.

Table 4. Breakeven selling prices for cotton for selected yield levels, Red River and Central Areas, Louisiana, 2006.

Crop Description	Base Yield	Unit	Yield Levels					
			-20%	-10%	Base	+10%	+20%	
<b>Prices required to recover total specified expenses<sup>A</sup></b>								
Cotton, 8-row, solid, Conventional	850	Lbs. lint	0.74	0.66	0.59	0.54	0.49	
Cotton, 8-row, RR, Clay Soil	800	Lbs. lint	0.75	0.67	0.60	0.55	0.50	
Cotton, 8-row, BG/RR, Tenant <sup>B</sup>	850	Lbs. lint	0.90	0.80	0.72	0.66	0.60	
Cotton, 12-row, BG/RR, Tenant <sup>B</sup>	850	Lbs. lint	0.84	0.75	0.67	0.61	0.56	
Cotton, 8-row, BG/RR, Irrigated	1100	Lbs. lint	0.70	0.63	0.56	0.51	0.47	
<b>Prices required to recover total direct expenses</b>								
Cotton, 8-row, solid	850	Lbs. lint	0.59	0.53	0.47	0.43	0.40	
Cotton, 8-row, RR, Clay Soil	800	Lbs. lint	0.63	0.56	0.50	0.46	0.42	
Cotton, 8-row, BG/RR, Tenant <sup>B</sup>	850	Lbs. lint	0.75	0.66	0.60	0.54	0.50	
Cotton, 12-row, BG/RR, Tenant <sup>B</sup>	852	Lbs. lint	0.70	0.63	0.56	0.51	0.47	
Cotton, 8-row, BG/RR, Irrigated	1100	Lbs. lint	0.56	0.50	0.45	0.41	0.38	

<sup>A</sup>Does not include land costs or overhead costs

<sup>B</sup>Tenant-operator budgets include land costs

Table 5. A summary of projected costs and returns per acre for soybean production, Red River and Central Areas, Louisiana, 2006.<sup>A</sup>

Crop Description	Yield per Acre	Unit	Total Income	Total Direct Expenses	Returns	Total Fixed Expenses	Total Specified Expenses <sup>B</sup>	Returns
					Above Direct Expenses			Above Specified Expenses
Soybeans, 8-row, Owner	35	bu	206.50	112.26	94.24	20.09	132.35	74.15
Soybeans, 8-row, Roundup Ready	35	Bu	206.50	112.60	93.90	18.64	131.24	75.26
Soybeans, 12-row, Tenant <sup>C</sup>	35	Bu	165.20	120.55	44.65	19.26	139.81	25.39
Soybeans, 8-row, Drilled, Tenant <sup>C</sup>	30	Bu	141.60	109.42	32.18	22.04	131.46	10.14

<sup>A</sup> Soybean price of \$5.90 per bushel was used.

<sup>B</sup> Farm overhead charges are not included in total specified expenses. Land costs are explicitly included (in the form of reduced revenue) for tenant operators.

<sup>C</sup> Assumes a cotton rental arrangement of 1/5 crop share.

Table 6. Breakeven selling prices for soybeans for selected yield levels, Red River and Central Areas, Louisiana, 2006.

Crop Description	Base Yield	Unit	Yield Levels					
			-20%	-10%	Base	+10%	+20%	
<b>Prices required to recover total specified expenses<sup>A</sup></b>								
Soybeans, 8-row, Owner	35	bu	4.73	4.20	3.78	3.43	3.15	
Soybeans, 8-row, Roundup Ready	35	bu	4.68	4.17	3.75	3.41	3.12	
Soybeans, 12-row, Tenant <sup>B</sup>	35	bu	6.24	5.54	4.99	4.53	4.16	
Soybeans, 8-row, Drilled, Tenant <sup>B</sup>	30	bu	6.84	6.09	5.48	4.98	4.56	
<b>Prices required to recover total direct expenses</b>								
Soybeans, 8-row, Owner	35	bu	4.01	3.56	3.21	2.92	2.67	
Soybeans, 8-row, Roundup Ready	35	bu	4.02	3.57	3.22	2.92	2.68	
Soybeans, 12-row, Tenant <sup>B</sup>	35	bu	5.38	4.78	4.31	3.91	3.59	
Soybeans, 8-row, Drilled, Tenant <sup>B</sup>	30	bu	5.70	5.07	4.56	4.14	3.80	

<sup>A</sup>Does not include land costs or overhead costs

<sup>B</sup>Tenant-operator budgets include land costs

Table 7. A summary of projected costs and returns per acre for corn, milo, and wheat production, Red River and Central Areas, Louisiana, 2006.<sup>A</sup>

Crop Description	Yield per Acre	Unit	Total Income	Total Direct Expenses	Returns	Total Fixed Expenses	Total Specified Expenses <sup>B</sup>	Returns
					Above Direct Expenses			Above Specified Expenses
Corn, 8-row, Tenant <sup>C</sup>	140	bu	246.40	285.78	-39.38	28.23	314.01	-67.61
Milo, 8-row, Tenant <sup>C</sup>	75	bu	105.60	129.53	-23.93	33.09	162.62	-57.02
Wheat, 8-row, Drilled	40	bu	128.00	80.43	47.57	21.26	101.69	26.31
Wheat & Soybean, Doublecrop	45 + 35	bu	350.50	200.94	149.56	38.80	239.74	110.76

<sup>A</sup>Crop prices used were \$2.20 per bushel for corn, \$1.75 per bushel for milo, and \$3.20 per bushel for wheat.

<sup>B</sup>Farm overhead expenses not included in total specified expenses. Land costs are explicitly included (in the form of reduced revenue) for tenant operators.

<sup>C</sup>Assumes a 1/5 crop share rental arrangement.

Table 8. Breakeven selling prices for corn, milo, and wheat for selected yield levels, Red River and Central Areas, Louisiana, 2006.

Crop Description	Base Yield	Unit	Yield Levels					
			-20%	-10%	Base	+10%	+20%	
<b>Prices required to recover total specified expenses<sup>A</sup></b>								
Corn, 8-row, Tenant <sup>C</sup>	140	bu	3.50	3.12	2.80	2.55	2.34	
Milo, 8-row, Tenant <sup>C</sup>	75	bu	3.39	3.01	2.71	2.46	2.25	
Wheat, 8-row, Drilled	40	bu	3.18	2.82	2.54	2.31	2.12	
<b>Prices required to recover total direct expenses</b>								
Corn, 8-row, Tenant <sup>C</sup>	140	bu	3.14	2.82	2.55	2.34	2.16	
Milo, 8-row, Tenant <sup>C</sup>	75	bu	2.70	2.40	2.16	1.96	1.80	
Wheat, 8-row, Drilled	40	bu	2.51	2.23	2.01	1.83	1.68	

<sup>A</sup>Does not include land costs or overhead costs

<sup>B</sup>Tenant-operator budgets include land costs

Table 9.A Estimated costs and returns per Acre  
 Conventional Cotton, Sandy Soil, 8-Row Equipment, Solid  
 Owner-Operator, Red River and Central Areas, Louisiana, 2006

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.52	850.0000	442.00	_____
Cotton Seed	lb	0.04	1318.0000	52.72	_____
Cotton checkoff	bale	2.25	-1.7700	-3.98	_____
				-----	
TOTAL INCOME				490.74	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 2 gal)	appl	2.80	6.0000	16.80	_____
App by Air ( 5 gal)	appl	4.50	1.0000	4.50	_____
HARVEST AIDS					
Dropp 50 WP	lb	60.41	0.2000	12.08	_____
Prep	pt	6.50	1.3300	8.65	_____
GIN/DRY					
Gin	lb	0.08	850.0000	68.00	_____
FERTILIZERS					
LA Nitrogen	lb	0.40	80.0000	32.00	_____
LA Phosphate	lb	0.28	40.0000	11.20	_____
LA Potash	lb	0.16	50.0000	8.00	_____
HERBICIDES					
Treflan HFP	pt	2.87	1.0000	2.87	_____
Cotoran 4L	pt	4.60	2.7000	12.42	_____
Staple 85%	oz	18.13	1.2000	21.76	_____
MSMA6 + Surfactant	pt	2.03	1.3300	2.70	_____
Karmex DF	lb	4.20	1.0000	4.20	_____
INSECTICIDES					
Temik 15G Grit	lb	3.64	3.3300	12.12	_____
Ammo 2.5 EC	oz	1.05	3.8800	4.07	_____
Orthene 90S	lb	10.57	0.4400	4.65	_____
Centric 40WG	oz	4.71	2.0000	9.42	_____
Orthene 97	lb	12.85	1.1600	14.91	_____
Baythroid 2	oz	2.70	2.1120	5.70	_____
Tracer	oz	6.19	2.3300	14.42	_____
Karate Z	oz	3.02	2.0000	6.04	_____
SEED/PLANTS					
Cotton Seed Conv.	thous	0.19	52.5000	9.98	_____
TECHNOLOGY FEE					
Eradication Fee	acre	6.00	1.0000	6.00	_____
SERVICE FEE					
Insect Scouting	acre	9.00	1.0000	9.00	_____
Cotton storage	bale	25.00	1.7700	44.25	_____
Module Hauling	bale	5.00	1.7700	8.85	_____
ADJUVANTS					
Surfactant	pt	1.57	0.6000	0.94	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.2577	3.94	_____
LA Hired Labor					
Implements	hour	9.60	0.5617	5.38	_____
Tractors	hour	9.60	1.6849	16.16	_____
Self-Propelled	hour	9.60	0.2577	2.47	_____
DIESEL FUEL					
Tractors	gal	2.20	15.6084	34.33	_____
Self-Propelled	gal	2.20	3.3833	7.44	_____
REPAIR & MAINTENANCE					
Implements	Acre	9.68	1.0000	9.68	_____
Tractors	Acre	5.63	1.0000	5.63	_____
Self-Propelled	Acre	9.27	1.0000	9.27	_____
INTEREST ON OP. CAP.	Acre	14.80	1.0000	14.80	_____
				-----	
TOTAL DIRECT EXPENSES				464.63	_____
RETURNS ABOVE DIRECT EXPENSES				26.11	_____
FIXED EXPENSES					
Implements	Acre	21.32	1.0000	21.32	_____
Tractors	Acre	38.73	1.0000	38.73	_____
Self-Propelled	Acre	39.68	1.0000	39.68	_____
				-----	
TOTAL FIXED EXPENSES				99.73	_____
				-----	
TOTAL SPECIFIED EXPENSES				564.36	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-73.62	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	28.56	1.0000	28.56	_____
RESIDUAL RETURNS				-102.18	_____

Table 9.B Estimated resource use and costs for field operations, per Acre  
 Conventional Cotton, Sandy Soil, 8-Row Equipment, Solid  
 Owner-Operator, Red River and Central Areas, Louisiana, 2006

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Stalk Shredder	14'	2WD 130	0.117	1.00	Nov	2.00	1.72	1.05	0.70	0.11	1.13				6.60
Subsoiler	3 shank	MFWD 190	0.204	1.00	Dec	5.13	5.03	0.25	0.71	0.20	1.96				13.08
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Mar	1.95	1.91	0.59	0.73	0.11	1.12				6.30
LA Nitrogen	lb											80.0000	0.40	32.00	32.00
LA Phosphate	lb											40.0000	0.28	11.20	11.20
LA Potash	lb											50.0000	0.16	8.00	8.00
Disk & Incorporate	32'	MFWD 225	0.064	1.00	Mar	1.90	1.82	0.71	1.37	0.09	0.93				6.73
Treflan HFP	pt											1.0000	2.87	2.87	2.87
Field Cultivate	32'	MFWD 190	0.046	1.00	Apr	1.17	1.15	0.27	1.26	0.04	0.45				4.30
Utility Trailer	30 ft	2WD 105	1.000	0.08	Apr	1.08	0.87	0.02	0.10	0.08	0.77				2.84
Ditcher		2WD 130	0.020	1.00	Apr	0.33	0.29	0.03	0.05	0.02	0.19				0.89
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Apr	1.86	1.83	0.27	0.79	0.07	0.71				5.46
Row Cond (Plant)	27'	MFWD 190	0.075	1.00	Apr	1.90	1.86	0.19	0.87	0.07	0.73				5.55
Plant & Pre Folding	8R-38	MFWD 170	0.077	1.00	May	1.74	1.73	0.97	2.05	0.15	1.48				7.97
Cotoran 4L	pt											1.2000	4.60	5.52	5.52
Cotton Seed Conv.	thous											52.5000	0.19	9.98	9.98
Temik 15G Grit	lb											3.3300	3.64	12.12	12.12
Cotoran 4L	pt											1.5000	4.60	6.90	6.90
Ammo 2.5 EC	oz											1.2800	1.05	1.34	1.34
Cult & Post	8R-38	MFWD 190	0.081	1.00	May	2.04	2.01	0.44	1.29	0.12	1.17				6.95
Orthene 90S	lb											0.2200	10.57	2.33	2.33
Staple 85%	oz											0.6000	18.13	10.88	10.88
Surfactant	pt											0.2000	1.57	0.31	0.31
Ditcher		2WD 130	0.020	1.00	May	0.33	0.29	0.03	0.05	0.02	0.19				0.89
Cult & Post	8R-38	MFWD 190	0.081	1.00	May	2.04	2.01	0.44	1.29	0.12	1.17				6.95
Staple 85%	oz											0.6000	18.13	10.88	10.88
Surfactant	pt											0.2000	1.57	0.31	0.31
Orthene 90S	lb											0.2200	10.57	2.33	2.33
Cult & Post	8R-38	MFWD 190	0.081	1.00	May	2.04	2.01	0.44	1.29	0.12	1.17				6.95
Centric 40WG	oz											2.0000	4.71	9.42	9.42
MSMA6 + Surfactant	pt											1.3300	2.03	2.70	2.70
App by Air ( 2 gal)	appl			1.00	Jun							1.0000	2.80	2.80	2.80
Orthene 97	lb											0.3300	12.85	4.24	4.24
Eradication Fee	acre			1.00	Jul							1.0000	6.00	6.00	6.00
App by Air ( 2 gal)	appl			1.00	Jul							1.0000	2.80	2.80	2.80
Ammo 2.5 EC	oz											2.6000	1.05	2.73	2.73
Spray (Direct/Layby)	8R-38	MFWD 170	0.066	1.00	Jul	1.51	1.50	0.21	0.28	0.10	0.96				4.46
Karmex DF	lb											1.0000	4.20	4.20	4.20
Surfactant	pt											0.2000	1.57	0.31	0.31
App by Air ( 2 gal)	appl			1.00	Jul							1.0000	2.80	2.80	2.80
Baythroid 2	oz											2.1120	2.70	5.70	5.70
Orthene 97	lb											0.3300	12.85	4.24	4.24
App by Air ( 2 gal)	appl			1.00	Jul							1.0000	2.80	2.80	2.80
Tracer	oz											2.3300	6.19	14.42	14.42
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.80	2.80	2.80
Orthene 97	lb											0.5000	12.85	6.43	6.43
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.80	2.80	2.80
Karate Z	oz											2.0000	3.02	6.04	6.04
Orthene 97	lb												12.85		
App by Air ( 5 gal)	appl			1.00	Sep							1.0000	4.50	4.50	4.50
Dropp 50 WP	lb											0.2000	60.41	12.08	12.08
Prep	pt											1.3300	6.50	8.65	8.65
Cotton Picker-1st-BB	4R38*255hp		0.257	1.00	Sep	16.71	39.68			0.51	6.41				62.80
Module Builder-1st	4R38255	MFWD 190	0.257	1.00	Sep	6.47	6.35	2.14	4.82	0.51	4.94				24.72
Boll Buggy-1st pick	4R38*255hp	MFWD 190	0.257	1.00	Sep	6.47	6.35	1.63	3.67	0.25	2.47				20.59
Gin	lb			1.00	Nov							850.0000	0.08	68.00	68.00
Insect Scouting	acre			1.00	Nov							1.0000	9.00	9.00	9.00
Cotton storage	bale			1.00	Nov							1.7700	25.00	44.25	44.25
Module Hauling	bale			1.00	Nov							1.7700	5.00	8.85	8.85
TOTALS						56.67	78.41	9.68	21.32	2.76	27.95			355.53	549.56
INTEREST ON OPERATING CAPITAL															14.80
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															564.36

Table 10.A Estimated costs and returns per Acre  
 Cotton RR, Clay Soil, 8-Row Equipment, Reduced Tillage  
 Owner-Operator, Red River and Central Louisiana, 2006

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.52	800.0000	416.00	_____
Cotton Seed	lb	0.04	1240.0000	49.60	_____
Cotton checkoff	bale	2.25	-1.6670	-3.75	_____
TOTAL INCOME				461.85	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 5 gal)	appl	4.50	2.0000	9.00	_____
App by Air ( 2 gal)	appl	2.80	4.0000	11.20	_____
HARVEST AIDS					
Dropp 50 WP	lb	60.41	0.2000	12.08	_____
Prep	pt	6.50	1.3300	8.65	_____
GIN/DRY					
Gin	lb	0.08	800.0000	64.00	_____
FERTILIZERS					
LA Nitrogen	lb	0.40	100.0000	40.00	_____
LA Phosphate	lb	0.28	30.0000	8.40	_____
LA Potash	lb	0.16	40.0000	6.40	_____
HERBICIDES					
Roundup WeatherMax	oz	0.41	66.0000	27.06	_____
Cotoran 4L	pt	4.60	1.5000	6.90	_____
Karmex DF	lb	4.20	1.0000	4.20	_____
INSECTICIDES					
Temik 15G Grit	lb	3.64	3.3300	12.12	_____
Ammo 2.5 EC	oz	1.05	2.5600	2.69	_____
Bidrin 8L	oz	0.71	1.6000	1.14	_____
Baythroid 2	oz	2.70	2.1120	5.70	_____
Tracer	oz	6.19	6.4300	39.80	_____
SEED/PLANTS					
Cotton Seed RR	thous	0.35	55.0000	19.25	_____
TECHNOLOGY FEE					
RR Cotton Tech Fee	cap/ac	28.00	1.0000	28.00	_____
Eradication Fee	acre	6.00	1.0000	6.00	_____
SERVICE FEE					
Insect Scouting	acre	9.00	1.0000	9.00	_____
Cotton storage	bale	25.00	1.6670	41.68	_____
Module Hauling	bale	5.00	1.6670	8.34	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.2577	3.94	_____
LA Hired Labor					
Implements	hour	9.60	0.4495	4.30	_____
Tractors	hour	9.60	1.1895	11.42	_____
Self-Propelled	hour	9.60	0.2577	2.47	_____
DIESEL FUEL					
Tractors	gal	2.20	10.5427	23.19	_____
Self-Propelled	gal	2.20	3.3833	7.44	_____
REPAIR & MAINTENANCE					
Implements	Acre	7.30	1.0000	7.30	_____
Tractors	Acre	3.81	1.0000	3.81	_____
Self-Propelled	Acre	9.27	1.0000	9.27	_____
INTEREST ON OP. CAP.	Acre	15.14	1.0000	15.14	_____
TOTAL DIRECT EXPENSES				459.88	_____
RETURNS ABOVE DIRECT EXPENSES				1.97	_____
FIXED EXPENSES					
Implements	Acre	14.34	1.0000	14.34	_____
Tractors	Acre	26.05	1.0000	26.05	_____
Self-Propelled	Acre	39.68	1.0000	39.68	_____
TOTAL FIXED EXPENSES				80.07	_____
TOTAL SPECIFIED EXPENSES				539.95	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-78.10	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	28.56	1.0000	28.56	_____
RESIDUAL RETURNS				-106.66	_____

Table 10.B Estimated resource use and costs for field operations, per Acre  
 Cotton RR, Clay Soil, 8-Row Equipment, Reduced Tillage  
 Owner-Operator, Red River and Central Louisiana, 2006

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST	
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Stalk Shredder	14'	2WD 130	0.117	1.00	Nov	2.00	1.72	1.05	0.70	0.11	1.13					6.60
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Nov	1.86	1.83	0.27	0.79	0.07	0.71					5.46
App by Air ( 5 gal)	appl			1.00	Mar							1.0000	4.50	4.50		4.50
Roundup WeatherMax	oz											22.0000	0.41	9.02		9.02
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	1.95	1.91	0.59	0.73	0.11	1.12					6.30
LA Nitrogen	lb											100.0000	0.40	40.00		40.00
LA Phosphate	lb											30.0000	0.28	8.40		8.40
LA Potash	lb											40.0000	0.16	6.40		6.40
Row Cond (Plant)	27'	MFWD 190	0.075	1.00	Apr	1.90	1.86	0.19	0.87	0.07	0.73					5.55
Plant & Pre Folding	8R-38	MFWD 150	0.077	1.00	Apr	1.53	1.47	0.97	2.05	0.15	1.48					7.50
Cotoran 4L	pt											1.5000	4.60	6.90		6.90
Cotton Seed RR	thous											55.0000	0.35	19.25		19.25
RR Cotton Tech Fee	cap/ac											1.0000	28.00	28.00		28.00
Temik 15G Grit	lb											3.3300	3.64	12.12		12.12
Ammo 2.5 EC	oz											1.2800	1.05	1.34		1.34
Utility Trailer	30 ft	2WD 105	1.000	0.08	Apr	1.08	0.87	0.02	0.10	0.08	0.77					2.84
Ditcher		2WD 130	0.020	1.00	Apr	0.33	0.29	0.03	0.05	0.02	0.19					0.89
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	0.95	0.95	0.10	0.14	0.06	0.61					2.75
Roundup WeatherMax	oz											22.0000	0.41	9.02		9.02
Bidrin 8L	oz											1.6000	0.71	1.14		1.14
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Jun	0.95	0.95	0.10	0.14	0.06	0.61					2.75
Roundup WeatherMax	oz											22.0000	0.41	9.02		9.02
Ammo 2.5 EC	oz											1.2800	1.05	1.34		1.34
Eradication Fee	acre			1.00	Jul							1.0000	6.00	6.00		6.00
Spray (Direct/Layby)	8R-38	MFWD 170	0.066	1.00	Jul	1.51	1.50	0.21	0.28	0.10	0.96					4.46
Karmex DF	lb											1.0000	4.20	4.20		4.20
App by Air ( 2 gal)	appl			1.00	Jul							1.0000	2.80	2.80		2.80
Baythroid 2	oz											2.1120	2.70	5.70		5.70
App by Air ( 2 gal)	appl			1.00	Jul							1.0000	2.80	2.80		2.80
Tracer	oz											2.3300	6.19	14.42		14.42
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.80	2.80		2.80
Tracer	oz											2.1000	6.19	13.00		13.00
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.80	2.80		2.80
Tracer	oz											2.0000	6.19	12.38		12.38
App by Air ( 5 gal)	appl			1.00	Sep							1.0000	4.50	4.50		4.50
Dropp 50 WP	lb											0.2000	60.41	12.08		12.08
Prep	pt											1.3300	6.50	8.65		8.65
Cotton Picker-1st-BB	4R38*255hp		0.257	1.00	Sep	16.71	39.68			0.51	6.41					62.80
Module Builder-1st	4R38255	MFWD 190	0.257	1.00	Sep	6.47	6.35	2.14	4.82	0.51	4.94					24.72
Boll Buggy-1st pick	4R38*255hp	MFWD 190	0.257	1.00	Sep	6.47	6.35	1.63	3.67	0.25	2.47					20.59
Gin	lb			1.00	Nov							800.0000	0.08	64.00		64.00
Insect Scouting	acre			1.00	Nov							1.0000	9.00	9.00		9.00
Cotton storage	bale			1.00	Nov							1.6670	25.00	41.68		41.68
Module Hauling	bale			1.00	Nov							1.6670	5.00	8.34		8.34
TOTALS						43.71	65.73	7.30	14.34	2.15	22.13			371.60		524.81
INTEREST ON OPERATING CAPITAL																15.14
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																539.95

Table 11.A Estimated costs and returns per Acre, BG/RR Cotton,  
Sandy Soil, 8-Row Equipment, Solid Plant, Tenant-Operator,  
Red River and Central Areas, Louisiana, 2006

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>INCOME</b>					
Cotton Lint	lb	0.52	850.0000	442.00	_____
Cotton Seed	lb	0.04	1318.0000	52.72	_____
Cotton checkoff	bale	2.25	-1.4200	-3.20	_____
Lint share rent	lb	0.52	-170.0000	-88.40	_____
Seed share rent	lb	0.04	-264.0000	-10.56	_____
TOTAL INCOME				-----	392.56
<b>DIRECT EXPENSES</b>					
CUSTOM SPRAY					
App by Air ( 5 gal)	appl	4.50	2.0000	9.00	_____
App by Air ( 2 gal)	appl	2.80	3.0000	8.40	_____
HARVEST AIDS					
Dropp 50 WP	lb	60.41	0.2000	12.08	_____
Prep	pt	6.50	1.3300	8.65	_____
GIN/DRY					
Gin	lb	0.08	680.0000	54.40	_____
FERTILIZERS					
LA Nitrogen	lb	0.40	80.0000	32.00	_____
LA Phosphate	lb	0.28	40.0000	11.20	_____
LA Potash	lb	0.16	50.0000	8.00	_____
HERBICIDES					
Roundup WeatherMax	oz	0.41	66.0000	27.06	_____
Cotoran 4L	pt	4.60	1.2000	5.52	_____
Karmex DF	lb	4.20	1.0000	4.20	_____
INSECTICIDES					
Temik 15G Grit	lb	3.64	3.3300	12.12	_____
Ammo 2.5 EC	oz	1.05	1.2800	1.34	_____
Orthene 90S	lb	10.57	0.2200	2.33	_____
Centric 40WG	oz	4.71	2.0000	9.42	_____
Baythroid 2	oz	2.70	2.1120	5.70	_____
Orthene 97	lb	12.85	0.5000	6.43	_____
Tracer	oz	6.19	2.1000	13.00	_____
Karate Z	oz	3.02	2.0000	6.04	_____
SEED/PLANTS					
Cotton Seed BtRR	thous	0.36	52.5000	18.90	_____
TECHNOLOGY FEE					
BG/RR Cot Tech Fee	cap/ac	48.00	1.0000	48.00	_____
Eradication Fee	acre	6.00	1.0000	6.00	_____
SERVICE FEE					
Insect Scouting	acre	9.00	1.0000	9.00	_____
Cotton storage	bale	25.00	1.4200	35.50	_____
Module Hauling	bale	5.00	1.4200	7.10	_____
ADJUVANTS					
Surfactant	pt	1.57	0.2000	0.31	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.2577	3.94	_____
LA Hired Labor					
Implements	hour	9.60	0.4706	4.50	_____
Tractors	hour	9.60	1.2755	12.26	_____
Self-Propelled	hour	9.60	0.2577	2.47	_____
DIESEL FUEL					
Tractors	gal	2.20	11.5653	25.45	_____
Self-Propelled	gal	2.20	3.3833	7.44	_____
REPAIR & MAINTENANCE					
Implements	Acre	8.16	1.0000	8.16	_____
Tractors	Acre	4.17	1.0000	4.17	_____
Self-Propelled	Acre	9.27	1.0000	9.27	_____
INTEREST ON OP. CAP.	Acre	16.57	1.0000	16.57	_____
TOTAL DIRECT EXPENSES				-----	455.93
RETURNS ABOVE DIRECT EXPENSES				-----	-63.37
<b>FIXED EXPENSES</b>					
Implements	Acre	15.81	1.0000	15.81	_____
Tractors	Acre	28.62	1.0000	28.62	_____
Self-Propelled	Acre	39.68	1.0000	39.68	_____
TOTAL FIXED EXPENSES				-----	84.11
TOTAL SPECIFIED EXPENSES				-----	540.04
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-----	-147.48
<b>RESIDUAL ITEMS</b>					
Overhead (Owner)	acre	28.56	1.0000	28.56	_____
RESIDUAL RETURNS				-----	-176.04

Table 11.B Estimated resource use and costs for field operations, per Acre  
 BG/RR Cotton, Sandy Soil, 8-Row Equipment, Solid Plant  
 Tenant-Operator, Red River and Central Areas, Louisiana, 2006

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Stalk Shredder	14'	2WD 130	0.117	1.00	Nov	2.00	1.72	1.05	0.70	0.11	1.13				6.60
Paratill & Bed Fold.	8R-38	MFWD 225	0.080	1.00	Jan	2.39	2.28	0.89	1.72	0.08	0.78				8.06
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Mar	1.95	1.91	0.59	0.73	0.11	1.12				6.30
LA Nitrogen	lb											80.0000	0.40	32.00	32.00
LA Phosphate	lb											40.0000	0.28	11.20	11.20
LA Potash	lb											50.0000	0.16	8.00	8.00
Roundup WeatherMax	oz			1.00	Apr							22.0000	0.41	9.02	9.02
App by Air ( 5 gal)	appl											1.0000	4.50	4.50	4.50
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	0.50	Apr	0.93	0.91	0.14	0.40	0.03	0.36				2.74
Row Cond (Plant)	27'	MFWD 190	0.075	1.00	Apr	1.90	1.86	0.19	0.87	0.07	0.73				5.55
Plant & Pre Folding	8R-38	MFWD 170	0.077	1.00	Apr	1.74	1.73	0.97	2.05	0.15	1.48				7.97
Cotoran 4L	pt											1.2000	4.60	5.52	5.52
Cotton Seed BtRR	thous											52.5000	0.36	18.90	18.90
Temik 15G Grit	lb											3.3300	3.64	12.12	12.12
Ammo 2.5 EC	oz											1.2800	1.05	1.34	1.34
BG/RR Cot Tech Fee	cap/ac											1.0000	48.00	48.00	48.00
Utility Trailer	30 ft	2WD 105	1.000	0.08	Apr	1.08	0.87	0.02	0.10	0.08	0.77				2.84
Ditcher		2WD 130	0.020	1.00	Apr	0.33	0.29	0.03	0.05	0.02	0.19				0.89
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	0.95	0.95	0.10	0.14	0.06	0.61				2.75
Orthene 90S	lb											0.2200	10.57	2.33	2.33
Roundup WeatherMax	oz											22.0000	0.41	9.02	9.02
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	0.95	0.95	0.10	0.14	0.06	0.61				2.75
Roundup WeatherMax	oz											22.0000	0.41	9.02	9.02
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Jun	0.95	0.95	0.10	0.14	0.06	0.61				2.75
Centric 40WG	oz											2.0000	4.71	9.42	9.42
Eradication Fee	acre			1.00	Jul							1.0000	6.00	6.00	6.00
Spray (Direct/Layby)	8R-38	MFWD 170	0.066	1.00	Jul	1.51	1.50	0.21	0.28	0.10	0.96				4.46
Karmex DF	lb											1.0000	4.20	4.20	4.20
Surfactant	pt											0.2000	1.57	0.31	0.31
App by Air ( 2 gal)	appl			1.00	Jul							1.0000	2.80	2.80	2.80
Baythroid 2	oz											2.1120	2.70	5.70	5.70
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.80	2.80	2.80
Orthene 97	lb											0.5000	12.85	6.43	6.43
Tracer	oz											2.1000	6.19	13.00	13.00
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.80	2.80	2.80
Karate Z	oz											2.0000	3.02	6.04	6.04
App by Air ( 5 gal)	appl			1.00	Sep							1.0000	4.50	4.50	4.50
Dropp 50 WP	lb											0.2000	60.41	12.08	12.08
Prep	pt											1.3300	6.50	8.65	8.65
Cotton Picker-1st-BB	4R38*255hp		0.257	1.00	Sep	16.71	39.68			0.51	6.41				62.80
Module Builder-1st	4R38255	MFWD 190	0.257	1.00	Sep	6.47	6.35	2.14	4.82	0.51	4.94				24.72
Boll Buggy-1st pick	4R38*255hp	MFWD 190	0.257	1.00	Sep	6.47	6.35	1.63	3.67	0.25	2.47				20.59
Gin	lb			1.00	Nov							680.0000	0.08	54.40	54.40
Insect Scouting	acre			1.00	Nov							1.0000	9.00	9.00	9.00
Cotton storage	bale			1.00	Nov							1.4200	25.00	35.50	35.50
Module Hauling	bale			1.00	Nov							1.4200	5.00	7.10	7.10
TOTALS						46.33	68.30	8.16	15.81	2.26	23.17			361.70	523.47
INTEREST ON OPERATING CAPITAL															16.57
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															540.04

Table 12.A Estimated costs and returns per Acre, BG/RR Cotton,  
Sandy Soil, 12-Row Equipment, Solid Planted, Tenant-  
Operator, Red River and Central Areas, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.52	850.0000	442.00	_____
Cotton Seed	lb	0.04	1318.0000	52.72	_____
Cotton checkoff	bale	2.25	-1.4200	-3.20	_____
Lint share rent	lb	0.52	-170.0000	-88.40	_____
Seed share rent	lb	0.04	-264.0000	-10.56	_____
TOTAL INCOME				392.56	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 2 gal)	appl	2.80	3.0000	8.40	_____
App by Air ( 5 gal)	appl	4.50	1.0000	4.50	_____
HARVEST AIDS					
Dropp 50 WP	lb	60.41	0.2000	12.08	_____
Prep	pt	6.50	1.3300	8.65	_____
GIN/DRY					
Gin	lb	0.08	680.0000	54.40	_____
FERTILIZERS					
LA Nitrogen	lb	0.40	80.0000	32.00	_____
LA Phosphate	lb	0.28	40.0000	11.20	_____
LA Potash	lb	0.16	50.0000	8.00	_____
HERBICIDES					
Roundup WeatherMax	oz	0.41	66.0000	27.06	_____
Cotoran 4L	pt	4.60	1.2000	5.52	_____
Karmex DF	lb	4.20	1.0000	4.20	_____
INSECTICIDES					
Temik 15G Grit	lb	3.64	3.3300	12.12	_____
Ammo 2.5 EC	oz	1.05	1.2800	1.34	_____
Orthene 90S	lb	10.57	0.2200	2.33	_____
Centric 40WG	oz	4.71	2.0000	9.42	_____
Baythroid 2	oz	2.70	2.1120	5.70	_____
Orthene 97	lb	12.85	0.5000	6.43	_____
Tracer	oz	6.19	2.1000	13.00	_____
Karate Z	oz	3.02	2.0000	6.04	_____
SEED/PLANTS					
Cotton Seed BtRR	thous	0.36	52.5000	18.90	_____
TECHNOLOGY FEE					
BG/RR Cot Tech Fee	cap/ac	48.00	1.0000	48.00	_____
Eradication Fee	acre	6.00	1.0000	6.00	_____
SERVICE FEE					
Module Hauling	bale	5.00	1.4200	7.10	_____
Insect Scouting	acre	9.00	1.0000	9.00	_____
Cotton storage	bale	25.00	1.4200	35.50	_____
ADJUVANTS					
Surfactant	pt	1.57	0.2000	0.31	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.2428	3.72	_____
LA Hired Labor					
Implements	hour	9.60	0.2718	2.60	_____
Tractors	hour	9.60	0.8018	7.70	_____
Self-Propelled	hour	9.60	0.2075	1.97	_____
DIESEL FUEL					
Tractors	gal	2.20	7.5362	16.59	_____
Self-Propelled	gal	2.20	3.6526	8.04	_____
REPAIR & MAINTENANCE					
Implements	Acre	6.50	1.0000	6.50	_____
Tractors	Acre	2.71	1.0000	2.71	_____
Self-Propelled	Acre	10.10	1.0000	10.10	_____
INTEREST ON OP. CAP.	Acre	15.76	1.0000	15.76	_____
TOTAL DIRECT EXPENSES				432.89	_____
RETURNS ABOVE DIRECT EXPENSES				-40.33	_____
FIXED EXPENSES					
Implements	Acre	12.20	1.0000	12.20	_____
Tractors	Acre	18.53	1.0000	18.53	_____
Self-Propelled	Acre	44.60	1.0000	44.60	_____
TOTAL FIXED EXPENSES				75.33	_____
TOTAL SPECIFIED EXPENSES				508.22	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-115.66	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	28.56	1.0000	28.56	_____
RESIDUAL RETURNS				-144.22	_____

Table 12.B Estimated resource use and costs for field operations, per Acre  
 BG/RR Cotton, Sandy Soil, 12-Row Equipment, Solid Plant  
 Tenant-Operator, Red River and Central Areas, Louisiana, 2006

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST	
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Nov	1.64	1.57	1.19	0.79	0.08	0.79					5.98
Paratill & Bed Fold.	12R-38	MFWD 225	0.053	1.00	Jan	1.59	1.52	0.79	1.53	0.05	0.52					5.95
Fert Appl (Liquid)	12R-38	MFWD 225	0.051	1.00	Mar	1.53	1.46	0.48	0.60	0.07	0.75					4.82
LA Nitrogen	lb											80.0000	0.40	32.00		32.00
LA Phosphate	lb											40.0000	0.28	11.20		11.20
LA Potash	lb											50.0000	0.16	8.00		8.00
Sprayer( 600-750Gal)	60'		0.017	1.00	Apr	0.53	0.90			0.02	0.35					1.78
Roundup WeatherMax	oz											22.0000	0.41	9.02		9.02
Disk Bed (Hipper)	12R-40	MFWD 225	0.049	0.50	Apr	0.73	0.70	0.13	0.37	0.02	0.24					2.17
Row Cond (Plant)	42'	MFWD 225	0.048	1.00	Apr	1.44	1.37	0.19	0.88	0.04	0.47					4.35
Plant & Pre Folding	12R-38	MFWD 190	0.051	1.00	Apr	1.29	1.27	0.88	1.86	0.10	0.98					6.28
Cotoran 4L	pt											1.2000	4.60	5.52		5.52
Cotton Seed BtRR	thous											52.5000	0.36	18.90		18.90
Temik 15G Grit	lb											3.3300	3.64	12.12		12.12
Ammo 2.5 EC	oz											1.2800	1.05	1.34		1.34
BG/RR Cot Tech Fee	cap/ac											1.0000	48.00	48.00		48.00
Utility Trailer	30 ft	2WD 105	1.000	0.08	Apr	1.08	0.87	0.02	0.10	0.08	0.77					2.84
Ditcher		2WD 130	0.020	1.00	Apr	0.33	0.29	0.03	0.05	0.02	0.19					0.89
Sprayer( 600-750Gal)	60'		0.017	1.00	May	0.53	0.90			0.02	0.35					1.78
Orthene 90S	lb											0.2200	10.57	2.33		2.33
Roundup WeatherMax	oz											22.0000	0.41	9.02		9.02
Sprayer( 600-750Gal)	60'		0.017	1.00	May	0.53	0.90			0.02	0.35					1.78
Roundup WeatherMax	oz											22.0000	0.41	9.02		9.02
Sprayer( 600-750Gal)	60'		0.017	1.00	Jun	0.53	0.90			0.02	0.35					1.78
Centric 40WG	oz											2.0000	4.71	9.42		9.42
Eradication Fee	acre			1.00	Jul							1.0000	6.00	6.00		6.00
Spray (Direct/Layby)	12R-38	MFWD 170	0.044	1.00	Jul	1.01	1.00	0.27	0.35	0.06	0.64					3.27
Karmex DF	lb											1.0000	4.20	4.20		4.20
Surfactant	pt											0.2000	1.57	0.31		0.31
App by Air ( 2 gal)	appl			1.00	Jul							1.0000	2.80	2.80		2.80
Baythroid 2	oz											2.1120	2.70	5.70		5.70
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.80	2.80		2.80
Orthene 97	lb											0.5000	12.85	6.43		6.43
Tracer	oz											2.1000	6.19	13.00		13.00
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.80	2.80		2.80
Karate Z	oz											2.0000	3.02	6.04		6.04
App by Air ( 5 gal)	appl			1.00	Sep							1.0000	4.50	4.50		4.50
Dropp 50 WP	lb											0.2000	60.41	12.08		12.08
Prep	pt											1.3300	6.50	8.65		8.65
Cotton Picker-1st-BB	6R38*330hp		0.172	1.00	Sep	16.02	41.00			0.34	4.29					61.31
Module Builder-1st	6R38*325hp	MFWD 190	0.172	1.00	Sep	4.33	4.24	1.43	3.22	0.34	3.30					16.52
Boll Buggy-1st pick	6R38*325hp	MFWD 190	0.172	1.00	Sep	4.33	4.24	1.09	2.45	0.17	1.65					13.76
Module Hauling	bale			1.00	Oct							1.4200	5.00	7.10		7.10
Gin	lb			1.00	Nov							680.0000	0.08	54.40		54.40
Insect Scouting	acre			1.00	Nov							1.0000	9.00	9.00		9.00
Cotton storage	bale			1.00	Nov							1.4200	25.00	35.50		35.50
TOTALS						37.44	63.13	6.50	12.20	1.52	15.99			357.20		492.46
INTEREST ON OPERATING CAPITAL																15.76
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																508.22

Table 13.A Estimated costs and returns per Acre, BG/RR Cotton,  
8-Row Equipment, Irrigated, Owner-Operator,  
Red River and Central Areas, Louisiana, 2006

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.52	1100.0000	572.00	_____
Cotton Seed	lb	0.04	1705.0000	68.20	_____
Cotton checkoff	bale	2.25	-2.2916	-5.16	_____
TOTAL INCOME				635.04	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 2 gal)	appl	2.80	3.0000	8.40	_____
App by Air ( 5 gal)	appl	4.50	1.0000	4.50	_____
HARVEST AIDS					
Dropp 50 WP	lb	60.41	0.2000	12.08	_____
Prep	pt	6.50	1.3300	8.65	_____
GIN/DRY					
Gin	lb	0.08	1100.0000	88.00	_____
FERTILIZERS					
LA Nitrogen	lb	0.40	90.0000	36.00	_____
LA Phosphate	lb	0.28	50.0000	14.00	_____
LA Potash	lb	0.16	60.0000	9.60	_____
HERBICIDES					
Roundup WeatherMax	oz	0.41	88.0000	36.08	_____
Cotoran 4L	pt	4.60	2.7000	12.42	_____
Karmex DF	lb	4.20	1.0000	4.20	_____
INSECTICIDES					
Temik 15G Grit	lb	3.64	3.3300	12.12	_____
Ammo 2.5 EC	oz	1.05	1.2800	1.34	_____
Orthene 90S	lb	10.57	0.2200	2.33	_____
Centric 40WG	oz	4.71	2.0000	9.42	_____
Tracer	oz	6.19	2.3300	14.42	_____
Orthene 97	lb	12.85	0.5000	6.43	_____
Karate Z	oz	3.02	2.0000	6.04	_____
SEED/PLANTS					
Cotton Seed BtRR	thous	0.36	52.5000	18.90	_____
TECHNOLOGY FEE					
BG/RR Cot Tech Fee	cap/ac	48.00	1.0000	48.00	_____
Eradication Fee	acre	6.00	1.0000	6.00	_____
GROWTH REGULATORS					
Pix Plus	oz	0.55	8.0000	4.40	_____
SERVICE FEE					
Module Hauling	bale	5.00	2.2916	11.46	_____
Insect Scouting	acre	9.00	1.0000	9.00	_____
Cotton storage	bale	25.00	2.2916	57.29	_____
ADJUVANTS					
Surfactant	pt	1.57	0.2000	0.31	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.2577	3.94	_____
LA Hired Labor					
Special Labor	hour	9.60	0.2036	1.95	_____
Implements	hour	9.60	0.4918	4.70	_____
Tractors	hour	9.60	1.3112	12.60	_____
Self-Propelled	hour	9.60	0.2577	2.47	_____
DIESEL FUEL					
Tractors	gal	2.20	11.7250	25.79	_____
Self-Propelled	gal	2.20	3.3833	7.44	_____
1/4-mi. Pivot Irr.	gal	2.20	11.2011	24.64	_____
REPAIR & MAINTENANCE					
Implements	Acre	7.64	1.0000	7.64	_____
Tractors	Acre	4.25	1.0000	4.25	_____
Self-Propelled	Acre	9.27	1.0000	9.27	_____
1/4-mi. Pivot Irr.	Acre	10.59	1.0000	10.59	_____
INTEREST ON OP. CAP.	Acre	19.51	1.0000	19.51	_____
TOTAL DIRECT EXPENSES				576.18	_____
RETURNS ABOVE DIRECT EXPENSES				58.86	_____
FIXED EXPENSES					
Implements	Acre	15.02	1.0000	15.02	_____
Tractors	Acre	29.12	1.0000	29.12	_____
Self-Propelled	Acre	39.68	1.0000	39.68	_____
1/4-mi. Pivot Irr.	Acre	41.24	1.0000	41.24	_____
TOTAL FIXED EXPENSES				125.06	_____
TOTAL SPECIFIED EXPENSES				701.24	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-66.20	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	28.56	1.0000	28.56	_____
RESIDUAL RETURNS				-94.76	_____

Table 13.B Estimated resource use and costs for field operations, per Acre  
 BG/RR Cotton, 8-Row Equipment, Irrigated  
 Owner-Operator, Red River and Central Areas, Louisiana, 2006

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Stalk Shredder	14'	2WD 130	0.117	1.00	Nov	2.00	1.72	1.05	0.70	0.11	1.13				6.60
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Jan	1.86	1.83	0.27	0.79	0.07	0.71				5.46
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Mar	1.95	1.91	0.59	0.73	0.11	1.12				6.30
LA Nitrogen	lb											90.0000	0.40	36.00	36.00
LA Phosphate	lb											50.0000	0.28	14.00	14.00
LA Potash	lb											60.0000	0.16	9.60	9.60
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Apr	0.95	0.95	0.10	0.14	0.06	0.61				2.75
Roundup WeatherMax	oz											22.0000	0.41	9.02	9.02
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	0.50	Apr	0.93	0.91	0.14	0.40	0.03	0.36				2.74
Row Cond (Plant)	27'	MFWD 190	0.075	1.00	Apr	1.90	1.86	0.19	0.87	0.07	0.73				5.55
Plant & Pre Folding	8R-38	MFWD 170	0.077	1.00	Apr	1.74	1.73	0.97	2.05	0.15	1.48				7.97
Cotoran 4L	pt											1.2000	4.60	5.52	5.52
Cotton Seed BtRR	thous											52.5000	0.36	18.90	18.90
Temik 15G Grit	lb											3.3300	3.64	12.12	12.12
Cotoran 4L	pt											1.5000	4.60	6.90	6.90
Ammo 2.5 EC	oz											1.2800	1.05	1.34	1.34
BG/RR Cot Tech Fee	cap/ac											1.0000	48.00	48.00	48.00
Utility Trailer	30 ft	2WD 105	1.000	0.08	Apr	1.08	0.87	0.02	0.10	0.08	0.77				2.84
Ditcher		2WD 130	0.020	1.00	Apr	0.33	0.29	0.03	0.05	0.02	0.19				0.89
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	0.95	0.95	0.10	0.14	0.06	0.61				2.75
Orthene 90S	lb											0.2200	10.57	2.33	2.33
Roundup WeatherMax	oz											22.0000	0.41	9.02	9.02
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	0.95	0.95	0.10	0.14	0.06	0.61				2.75
Roundup WeatherMax	oz											22.0000	0.41	9.02	9.02
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Jun	0.95	0.95	0.10	0.14	0.06	0.61				2.75
Centric 40WG	oz											2.0000	4.71	9.42	9.42
Eradication Fee	acre				Jul							1.0000	6.00	6.00	6.00
Spray (Direct/Layby)	8R-38	MFWD 170	0.066	1.00	Jul	1.51	1.50	0.21	0.28	0.10	0.96				4.46
Karmex DF	lb											1.0000	4.20	4.20	4.20
Surfactant	pt											0.2000	1.57	0.31	0.31
Roundup WeatherMax	oz											22.0000	0.41	9.02	9.02
App by Air ( 2 gal)	appl				Jul							1.0000	2.80	2.80	2.80
Tracer	oz											2.3300	6.19	14.42	14.42
Pix Plus	oz											4.0000	0.55	2.20	2.20
App by Air ( 2 gal)	appl				Aug							1.0000	2.80	2.80	2.80
Orthene 97	lb											0.5000	12.85	6.43	6.43
App by Air ( 2 gal)	appl				Aug							1.0000	2.80	2.80	2.80
Karate Z	oz											2.0000	3.02	6.04	6.04
Pix Plus	oz											4.0000	0.55	2.20	2.20
App by Air ( 5 gal)	appl				Sep							1.0000	4.50	4.50	4.50
Dropp 50 WP	lb											0.2000	60.41	12.08	12.08
Prep	pt											1.3300	6.50	8.65	8.65
Cotton Picker-1st-BB	4R38*255hp		0.257	1.00	Sep	16.71	39.68			0.51	6.41				62.80
Module Builder-1st	4R38255	MFWD 190	0.257	1.00	Sep	6.47	6.35	2.14	4.82	0.51	4.94				24.72
Boll Buggy-1st pick	4R38*255hp	MFWD 190	0.257	1.00	Sep	6.47	6.35	1.63	3.67	0.25	2.47				20.59
Module Hauling	bale				Oct							2.2916	5.00	11.46	11.46
Gin	lb				Nov							1100.0000	0.08	88.00	88.00
Insect Scouting	acre				Nov							1.0000	9.00	9.00	9.00
Cotton storage	bale				Nov							2.2916	25.00	57.29	57.29
1/4-mi. Pivot Irr.	Acres				Jul							1.0000			78.42
TOTALS						46.75	68.80	42.87	56.26	2.52	25.66			441.39	681.73
INTEREST ON OPERATING CAPITAL															19.51
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															701.24

Table 14.A Estimated costs and returns per Acre, Soybeans,  
 Stale Seedbed, 8- 38" Row Equipment, Owner-Operator,  
 Red River and Central Areas, Louisiana, 2006

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	5.90	35.0000	206.50	_____
				-----	
TOTAL INCOME				206.50	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 5 gal)	appl	4.50	1.0000	4.50	_____
App by Air ( 2 gal)	appl	2.80	2.0000	5.60	_____
HERBICIDES					
Roundup Ultra MAX	pt	5.87	1.0000	5.87	_____
Harmony Extra	oz	12.48	0.3300	4.12	_____
Dual II Magnum	pt	13.12	1.5000	19.68	_____
Sencor 4F	pt	12.95	0.7500	9.71	_____
INSECTICIDES					
Karate Z	oz	3.02	3.6000	10.87	_____
SEED/PLANTS					
Soybean Seed Private	lb	0.40	50.0000	20.00	_____
ADJUVANTS					
Surfactant	pt	1.57	0.3000	0.47	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.16	35.0000	5.60	_____
LA OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	_____
LA Hired Labor					
Implements	hour	9.60	0.1106	1.06	_____
Tractors	hour	9.60	0.3938	3.78	_____
DIESEL FUEL					
Tractors	gal	2.20	3.2917	7.24	_____
Harvesters	gal	2.20	1.2047	2.65	_____
REPAIR & MAINTENANCE					
Implements	Acre	2.27	1.0000	2.27	_____
Tractors	Acre	1.18	1.0000	1.18	_____
Harvesters	Acre	1.66	1.0000	1.66	_____
INTEREST ON OP. CAP.	Acre	4.70	1.0000	4.70	_____
				-----	
TOTAL DIRECT EXPENSES				112.26	_____
RETURNS ABOVE DIRECT EXPENSES				94.24	_____
FIXED EXPENSES					
Implements	Acre	4.92	1.0000	4.92	_____
Tractors	Acre	8.08	1.0000	8.08	_____
Harvesters	Acre	7.09	1.0000	7.09	_____
				-----	
TOTAL FIXED EXPENSES				20.09	_____
				-----	
TOTAL SPECIFIED EXPENSES				132.35	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				74.15	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	28.56	1.0000	28.56	_____
RESIDUAL RETURNS				45.59	_____

Table 14.B Estimated resource use and costs for field operations, per Acre  
 Soybeans, Stale Seedbed, 8- 38" Row Equipment  
 Owner-Operator, Red River and Central Areas, Louisiana, 2006

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST	
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Oct	1.86	1.83	0.27	0.79	0.07	0.71					5.46
App by Air ( 5 gal)	appl			1.00	May							1.0000	4.50	4.50		4.50
Roundup Ultra	MAX pt											1.0000	5.87	5.87		5.87
Harmony Extra	oz											0.3300	12.48	4.12		4.12
Surfactant	pt											0.2000	1.57	0.31		0.31
Plant & Pre Rigid	8R-38	MFWD 170	0.077	1.00	May	1.74	1.73	0.76	1.61	0.15	1.48					7.32
Soybean Seed Private	lb											50.0000	0.40	20.00		20.00
Dual II Magnum	pt											1.5000	13.12	19.68		19.68
Ditcher		2WD 130	0.020	1.00	May	0.33	0.29	0.03	0.05	0.02	0.19					0.89
Row Cond (Plant)	27'	MFWD 190	0.075	1.00	May	1.90	1.86	0.19	0.87	0.07	0.73					5.55
Utility Trailer	30 ft	2WD 105	1.000	0.08	May	1.08	0.87	0.02	0.10	0.08	0.77					2.84
Spray (Direct/Hood)	8R-38	MFWD 170	0.066	1.00	Jun	1.51	1.50	0.46	0.61	0.10	0.96					5.04
Sencor 4F	pt											0.7500	12.95	9.71		9.71
Surfactant	pt											0.1000	1.57	0.16		0.16
App by Air ( 2 gal)	appl			1.00	Jul							1.0000	2.80	2.80		2.80
Karate Z	oz											1.6000	3.02	4.83		4.83
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.80	2.80		2.80
Karate Z	oz											2.0000	3.02	6.04		6.04
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	4.31	7.09	0.54	0.89	0.08	1.30					14.13
Haul Soybeans	bu			1.00	Oct							35.0000	0.16	5.60		5.60
TOTALS						12.73	15.17	2.27	4.92	0.58	6.14				86.42	127.65
INTEREST ON OPERATING CAPITAL																4.70
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																132.35

Table 15.A Estimated costs and returns per Acre  
 RR Soybeans, Stale Seedbed, 8- 38" Row Equipment  
 Owner-Operator, Red River and Central Areas Louisiana, 2006

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	5.90	35.0000	206.50	_____
				-----	
TOTAL INCOME				206.50	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 5 gal)	appl	4.50	2.0000	9.00	_____
App by Air ( 2 gal)	appl	2.80	2.0000	5.60	_____
HERBICIDES					
Roundup Ultra MAX	pt	5.87	1.0000	5.87	_____
Harmony Extra	oz	12.48	0.3300	4.12	_____
Roundup Original Max	pt	3.77	4.0000	15.08	_____
INSECTICIDES					
Karate Z	oz	3.02	3.6000	10.87	_____
SEED/PLANTS					
Soybean Seed RR	lb	0.64	50.0000	32.00	_____
ADJUVANTS					
Surfactant	pt	1.57	0.2000	0.31	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.16	35.0000	5.60	_____
LA OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	_____
LA Hired Labor					
Implements	hour	9.60	0.0954	0.91	_____
Tractors	hour	9.60	0.3664	3.52	_____
DIESEL FUEL					
Tractors	gal	2.20	3.0516	6.70	_____
Harvesters	gal	2.20	1.2047	2.65	_____
REPAIR & MAINTENANCE					
Implements	Acre	1.74	1.0000	1.74	_____
Tractors	Acre	1.09	1.0000	1.09	_____
Harvesters	Acre	1.66	1.0000	1.66	_____
INTEREST ON OP. CAP.	Acre	4.58	1.0000	4.58	_____
				-----	
TOTAL DIRECT EXPENSES				112.60	_____
RETURNS ABOVE DIRECT EXPENSES				93.90	_____
FIXED EXPENSES					
Implements	Acre	4.09	1.0000	4.09	_____
Tractors	Acre	7.46	1.0000	7.46	_____
Harvesters	Acre	7.09	1.0000	7.09	_____
				-----	
TOTAL FIXED EXPENSES				18.64	_____
				-----	
TOTAL SPECIFIED EXPENSES				131.24	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				75.26	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	28.56	1.0000	28.56	_____
RESIDUAL RETURNS				46.70	_____

Table 15.B Estimated resource use and costs for field operations, per Acre  
 RR Soybeans, Stale Seedbed, 8- 38" Row Equipment  
 Owner-Operator, Red River and Central Areas Louisiana, 2006

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Oct	1.86	1.83	0.27	0.79	0.07	0.71				5.46
App by Air ( 5 gal)	appl			1.00	May							1.0000	4.50	4.50	4.50
Roundup Ultra	MAX pt											1.0000	5.87	5.87	5.87
Harmony Extra	oz											0.3300	12.48	4.12	4.12
Surfactant	pt											0.2000	1.57	0.31	0.31
Plant - Rigid	8R-38	MFWD 170	0.074	1.00	May	1.67	1.66	0.59	1.25	0.14	1.42				6.59
Soybean Seed RR	lb											50.0000	0.64	32.00	32.00
Ditcher		2WD 130	0.020	1.00	May	0.33	0.29	0.03	0.05	0.02	0.19				0.89
Row Cond (Plant)	27'	MFWD 190	0.075	1.00	May	1.90	1.86	0.19	0.87	0.07	0.73				5.55
Utility Trailer	30 ft	2WD 105	1.000	0.08	May	1.08	0.87	0.02	0.10	0.08	0.77				2.84
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Jun	0.95	0.95	0.10	0.14	0.06	0.61				2.75
Roundup Original Max	pt											2.0000	3.77	7.54	7.54
App by Air ( 5 gal)	appl			1.00	Jun							1.0000	4.50	4.50	4.50
Roundup Original Max	pt											2.0000	3.77	7.54	7.54
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.80	2.80	2.80
Karate Z	oz											1.6000	3.02	4.83	4.83
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.80	2.80	2.80
Karate Z	oz											2.0000	3.02	6.04	6.04
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	4.31	7.09	0.54	0.89	0.08	1.30				14.13
Haul Soybeans	bu			1.00	Oct							35.0000	0.16	5.60	5.60
TOTALS						12.10	14.55	1.74	4.09	0.54	5.73			88.45	126.66
INTEREST ON OPERATING CAPITAL															4.58
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															131.24

Table 16.A Estimated costs and returns per Acre, RR Soybeans,  
 Stale Seedbed, 12-20" Row Equipment, Tenant-Operator,  
 Red River and Central Areas, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	5.90	35.0000	206.50	_____
Soybean share rent	bu	5.90	-7.0000	-41.30	_____
				-----	
TOTAL INCOME				165.20	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 5 gal)	appl	4.50	2.0000	9.00	_____
App by Air ( 2 gal)	appl	2.80	2.0000	5.60	_____
HERBICIDES					
Roundup Ultra MAX	pt	5.87	5.0000	29.35	_____
Harmony Extra	oz	12.48	0.3300	4.12	_____
INSECTICIDES					
Karate Z	oz	3.02	3.6000	10.87	_____
SEED/PLANTS					
Soybean Seed RR	lb	0.64	50.0000	32.00	_____
ADJUVANTS					
Surfactant	pt	1.57	0.2000	0.31	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.16	28.0000	4.48	_____
LA OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	_____
LA Hired Labor					
Implements	hour	9.60	0.1151	1.10	_____
Tractors	hour	9.60	0.3443	3.31	_____
DIESEL FUEL					
Tractors	gal	2.20	2.9750	6.53	_____
Harvesters	gal	2.20	1.2047	2.65	_____
REPAIR & MAINTENANCE					
Implements	Acre	2.26	1.0000	2.26	_____
Tractors	Acre	1.05	1.0000	1.05	_____
Harvesters	Acre	1.66	1.0000	1.66	_____
INTEREST ON OP. CAP.	Acre	4.96	1.0000	4.96	_____
				-----	
TOTAL DIRECT EXPENSES				120.55	_____
RETURNS ABOVE DIRECT EXPENSES				44.65	_____
FIXED EXPENSES					
Implements	Acre	4.97	1.0000	4.97	_____
Tractors	Acre	7.20	1.0000	7.20	_____
Harvesters	Acre	7.09	1.0000	7.09	_____
				-----	
TOTAL FIXED EXPENSES				19.26	_____
				-----	
TOTAL SPECIFIED EXPENSES				139.81	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				25.39	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	28.56	1.0000	28.56	_____
RESIDUAL RETURNS				-3.17	_____

Table 16.B Estimated resource use and costs for field operations, per Acre  
 RR Soybeans, Stale Seedbed, 12-20" Row Equipment  
 Tenant-Operator, Red River and Central Areas, Louisiana, 2006

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk Harrow	32'	MFWD 225	0.061	1.00	Oct	1.81	1.73	0.54	1.25	0.06	0.59				5.92
App by Air ( 5 gal)	appl			1.00	May							1.0000	4.50	4.50	4.50
Roundup Ultra	MAX pt											1.0000	5.87	5.87	5.87
Harmony Extra	oz											0.3300	12.48	4.12	4.12
Surfactant	pt											0.2000	1.57	0.31	0.31
Plant - Rigid	12R-20	MFWD 190	0.094	1.00	May	2.36	2.32	0.94	1.98	0.18	1.80				9.40
Soybean Seed RR	lb											50.0000	0.64	32.00	32.00
Ditcher		2WD 130	0.020	1.00	May	0.33	0.29	0.03	0.05	0.02	0.19				0.89
Roller	32'	MFWD 170	0.046	1.00	May	1.05	1.04	0.09	0.56	0.04	0.45				3.19
Utility Trailer	30 ft	2WD 105	1.000	0.08	May	1.08	0.87	0.02	0.10	0.08	0.77				2.84
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Jun	0.95	0.95	0.10	0.14	0.06	0.61				2.75
Roundup Ultra	MAX pt											2.0000	5.87	11.74	11.74
App by Air ( 5 gal)	appl			1.00	Jun							1.0000	4.50	4.50	4.50
Roundup Ultra	MAX pt											2.0000	5.87	11.74	11.74
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.80	2.80	2.80
Karate Z	oz											1.6000	3.02	4.83	4.83
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.80	2.80	2.80
Karate Z	oz											2.0000	3.02	6.04	6.04
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	4.31	7.09	0.54	0.89	0.08	1.30				14.13
Haul Soybeans	bu			1.00	Oct							28.0000	0.16	4.48	4.48
TOTALS						11.89	14.29	2.26	4.97	0.54	5.71			95.73	134.85
INTEREST ON OPERATING CAPITAL															4.96
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															139.81

Table 17.A Estimated costs and returns per Acre, Soybeans,  
 Clay Soil, 8-Row Equipment, Drill Plant, Tenant-Operator,  
 Red River and Central Areas, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	5.90	30.0000	177.00	_____
Soybean share rent	bu	5.90	-6.0000	-35.40	_____
				-----	
TOTAL INCOME				141.60	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 5 gal)	appl	4.50	2.0000	9.00	_____
App by Air ( 2 gal)	appl	2.80	2.0000	5.60	_____
HERBICIDES					
2,4-D Amine 4	pt	1.59	2.0000	3.18	_____
Roundup Original Max	pt	3.77	2.0000	7.54	_____
Treflan HFP	pt	2.87	2.0000	5.74	_____
Scepter 70 DG	oz	2.53	2.8000	7.08	_____
Reflex 2LC	pt	11.40	1.0000	11.40	_____
INSECTICIDES					
Karate Z	oz	3.02	1.6000	4.83	_____
SEED/PLANTS					
Soybean Seed Private	lb	0.40	60.0000	24.00	_____
ADJUVANTS					
Surfactant	pt	1.57	0.4000	0.63	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.16	24.0000	3.84	_____
LA OPERATOR LABOR					
Harvesters	hour	15.30	0.1021	1.56	_____
LA Hired Labor					
Implements	hour	9.60	0.1107	1.06	_____
Tractors	hour	9.60	0.3684	3.53	_____
DIESEL FUEL					
Tractors	gal	2.20	2.9393	6.46	_____
Harvesters	gal	2.20	1.4457	3.18	_____
REPAIR & MAINTENANCE					
Implements	Acre	2.98	1.0000	2.98	_____
Tractors	Acre	1.05	1.0000	1.05	_____
Harvesters	Acre	1.99	1.0000	1.99	_____
INTEREST ON OP. CAP.	Acre	4.77	1.0000	4.77	_____
				-----	
TOTAL DIRECT EXPENSES				109.42	_____
RETURNS ABOVE DIRECT EXPENSES				32.18	_____
FIXED EXPENSES					
Implements	Acre	6.36	1.0000	6.36	_____
Tractors	Acre	7.17	1.0000	7.17	_____
Harvesters	Acre	8.51	1.0000	8.51	_____
				-----	
TOTAL FIXED EXPENSES				22.04	_____
				-----	
TOTAL SPECIFIED EXPENSES				131.46	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				10.14	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	28.56	1.0000	28.56	_____
RESIDUAL RETURNS				-18.42	_____

Table 17.B Estimated resource use and costs for field operations, per Acre  
 Soybeans, Clay Soil, 8-Row Equipment, Drill Plant,  
 Tenant-Operator, Red River and Central Areas, Louisiana, 2006

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Disk Harrow	28'	MFWD 170	0.070	1.00	Oct	1.58	1.57	0.56	1.29	0.07	0.67				5.67	
App by Air ( 5 gal)	appl			1.00	Apr							1.0000	4.50	4.50	4.50	
2,4-D Amine 4	pt											2.0000	1.59	3.18	3.18	
Roundup Original Max	pt											2.0000	3.77	7.54	7.54	
Disk & Incorporate	32'	MFWD 170	0.064	1.00	Apr	1.45	1.44	0.71	1.37	0.09	0.93				5.90	
Treflan HFP	pt											2.0000	2.87	5.74	5.74	
Row Cond (Harrow)	27'	MFWD 150	0.055	1.00	May	1.10	1.06	0.13	0.58	0.05	0.53				3.40	
Grain Drill & Pre	24'	MFWD 190	0.078	1.00	May	1.97	1.94	0.97	2.04	0.15	1.50				8.42	
Soybean Seed Private	lb											60.0000	0.40	24.00	24.00	
Scepter 70 DG	oz											2.8000	2.53	7.08	7.08	
Utility Trailer	30 ft	2WD 105	1.000	0.08	May	1.08	0.87	0.02	0.10	0.08	0.77				2.84	
Ditcher		2WD 130	0.020	1.00	May	0.33	0.29	0.03	0.05	0.02	0.19				0.89	
App by Air ( 5 gal)	appl			1.00	Jun							1.0000	4.50	4.50	4.50	
Blazer 2L	pt											1.0000				
Surfactant	pt											0.4000	1.57	0.63	0.63	
App by Air ( 2 gal)	appl			1.00	Jul							1.0000	2.80	2.80	2.80	
Reflex 2LC	pt											1.0000	11.40	11.40	11.40	
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.80	2.80	2.80	
Karate Z	oz											1.6000	3.02	4.83	4.83	
Header - Soybean	25' Flex	275hp	0.102	1.00	Sep	5.17	8.51	0.56	0.93	0.10	1.56				16.73	
Haul Soybeans	bu			1.00	Oct							24.0000	0.16	3.84	3.84	
TOTALS						12.68	15.68	2.98	6.36	0.58	6.15				82.84	126.69
INTEREST ON OPERATING CAPITAL																4.77
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																131.46

Table 18.A Estimated costs and returns per Acre,  
 Corn, Sandy Soil, 8-Row Equipment (38" Rows), Tenant-  
 Operator, Red River and Central Areas, Louisiana, 2006

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Corn	bu	2.20	140.0000	308.00	_____
Corn share rent	bu	2.20	-28.0000	-61.60	_____
				-----	
TOTAL INCOME				246.40	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 3 gal)	appl	3.25	1.0000	3.25	_____
App by Air ( 2 gal)	appl	2.80	2.0000	5.60	_____
GIN/DRY					
Dry Corn	bu	0.19	112.0000	21.28	_____
FERTILIZERS					
LA Phosphate	lb	0.28	50.0000	14.00	_____
LA Potash	lb	0.16	70.0000	11.20	_____
LA Nitrogen	lb	0.40	180.0000	72.00	_____
HERBICIDES					
Glyphosate Plus 4L	pt	2.29	2.0000	4.58	_____
Atrazine 4L	pt	1.29	2.0000	2.58	_____
Lasso 4EC	qt	3.05	1.5000	4.57	_____
Dual II Magnum	pt	13.12	1.3300	17.45	_____
INSECTICIDES					
Counter CR	lb	2.82	7.0000	19.74	_____
Pounce 3.2 EC	oz	0.91	1.6000	1.46	_____
Asana .66 XL	oz	0.71	6.0000	4.26	_____
SEED/PLANTS					
Corn Seed Conv.	thous	1.38	30.0000	41.40	_____
CUSTOM HARVEST/HAUL					
Haul Corn	bu	0.16	112.0000	17.92	_____
LA OPERATOR LABOR					
Harvesters	hour	15.30	0.1009	1.54	_____
LA Hired Labor					
Implements	hour	9.60	0.1580	1.51	_____
Tractors	hour	9.60	0.5861	5.63	_____
DIESEL FUEL					
Tractors	gal	2.20	4.9011	10.78	_____
Harvesters	gal	2.20	1.4285	3.14	_____
REPAIR & MAINTENANCE					
Implements	Acre	3.79	1.0000	3.79	_____
Tractors	Acre	1.75	1.0000	1.75	_____
Harvesters	Acre	1.96	1.0000	1.96	_____
INTEREST ON OP. CAP.	Acre	14.39	1.0000	14.39	_____
				-----	
TOTAL DIRECT EXPENSES				285.78	_____
RETURNS ABOVE DIRECT EXPENSES				-39.38	_____
FIXED EXPENSES					
Implements	Acre	7.82	1.0000	7.82	_____
Tractors	Acre	12.00	1.0000	12.00	_____
Harvesters	Acre	8.41	1.0000	8.41	_____
				-----	
TOTAL FIXED EXPENSES				28.23	_____
				-----	
TOTAL SPECIFIED EXPENSES				314.01	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-67.61	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	28.56	1.0000	28.56	_____
RESIDUAL RETURNS				-96.17	_____

Table 18.B Estimated resource use and costs for field operations, per Acre  
 Corn, Sandy Soil, 8-Row Equipment (38" Rows), Tenant-  
 Operator, Red River and Central Areas, Louisiana, 2006

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Sep	1.06	1.04	0.25	0.55	0.08	0.80				3.70
LA Phosphate	lb											50.0000	0.28	14.00	14.00
LA Potash	lb											70.0000	0.16	11.20	11.20
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	1.86	1.83	0.24	0.69	0.07	0.71				5.33
Disk Harrow	24'	MFWD 150	0.081	1.00	Oct	1.63	1.56	0.59	1.37	0.08	0.79				5.94
App by Air ( 3 gal)	appl			1.00	Feb							1.0000	3.25	3.25	3.25
Glyphosate Plus 4L	pt											2.0000	2.29	4.58	4.58
Ditcher		2WD 130	0.020	1.00	Mar	0.33	0.29	0.03	0.05	0.02	0.19				0.89
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	0.50	Mar	0.93	0.91	0.12	0.34	0.03	0.36				2.66
Roller	32'	MFWD 170	0.046	1.00	Mar	1.05	1.04	0.09	0.56	0.04	0.45				3.19
Plant & Pre Rigid	8R-38	MFWD 170	0.077	1.00	Mar	1.74	1.73	0.76	1.61	0.15	1.48				7.32
Corn Seed Conv.	thous											30.0000	1.38	41.40	41.40
Atrazine 4L	pt											2.0000	1.29	2.58	2.58
Lasso 4EC	qt											1.5000	3.05	4.57	4.57
Counter CR	lb											7.0000	2.82	19.74	19.74
Dual II Magnum	pt											1.3300	13.12	17.45	17.45
LA Nitrogen	lb											30.0000	0.40	12.00	12.00
Ditcher		2WD 130	0.020	1.00	Mar	0.33	0.29	0.03	0.05	0.02	0.19				0.89
Utility Trailer	30 ft	2WD 105	1.000	0.08	Mar	1.08	0.87	0.02	0.10	0.08	0.77				2.84
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	1.95	1.91	0.59	0.73	0.11	1.12				6.30
LA Nitrogen	lb											150.0000	0.40	60.00	60.00
Ditcher		2WD 130	0.020	1.00	Apr	0.33	0.29	0.03	0.05	0.02	0.19				0.89
App by Air ( 2 gal)	appl			1.00	May							1.0000	2.80	2.80	2.80
Pounce 3.2 EC	oz											1.6000	0.91	1.46	1.46
App by Air ( 2 gal)	appl			1.00	Jun							1.0000	2.80	2.80	2.80
Asana .66 XL	oz											6.0000	0.71	4.26	4.26
Header - Corn	8R38*	275hp	0.100	1.00	Aug	5.10	8.41	0.99	1.63	0.10	1.54				17.67
Dry Corn	bu											112.0000	0.19	21.28	21.28
Haul Corn	bu			1.00	Aug							112.0000	0.16	17.92	17.92
Corn Grain Cart	8R40 700bu	MFWD 190	0.095	0.10	Aug	0.24	0.24	0.05	0.09	0.00	0.09				0.71
TOTALS						17.63	20.41	3.79	7.82	0.84	8.68			241.29	299.62
INTEREST ON OPERATING CAPITAL															14.39
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															314.01

Table 19.A Estimated costs and returns per Acre, Grain Sorghum,  
 8-Row Equipment (38" Rows), Tenant-Operators  
 Red River and Central Areas, Louisiana, 2006

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Grain Sorghum	bu	1.76	75.0000	132.00	_____
Sorghum Rent	bu	1.76	-15.0000	-26.40	_____
				-----	
TOTAL INCOME				105.60	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 2 gal)	appl	2.80	2.0000	5.60	_____
FERTILIZERS					
LA Nitrogen	lb	0.40	120.0000	48.00	_____
HERBICIDES					
Atrazine 4L	pt	1.29	4.0000	5.16	_____
Lasso 4EC	qt	3.05	2.2500	6.86	_____
INSECTICIDES					
Karate Z	oz	3.02	1.5000	4.53	_____
SEED/PLANTS					
Sorghum NonConcept	lb	1.18	8.0000	9.44	_____
CUSTOM HARVEST/HAUL					
Haul Sorghum	bu	0.16	60.0000	9.60	_____
LA OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	_____
LA Hired Labor					
Implements	hour	9.60	0.1931	1.85	_____
Tractors	hour	9.60	0.7051	6.77	_____
DIESEL FUEL					
Tractors	gal	2.20	6.0394	13.28	_____
Harvesters	gal	2.20	1.2047	2.65	_____
REPAIR & MAINTENANCE					
Implements	Acre	4.78	1.0000	4.78	_____
Tractors	Acre	2.25	1.0000	2.25	_____
Harvesters	Acre	1.66	1.0000	1.66	_____
INTEREST ON OP. CAP.	Acre	5.80	1.0000	5.80	_____
				-----	
TOTAL DIRECT EXPENSES				129.53	_____
RETURNS ABOVE DIRECT EXPENSES				-23.93	_____
FIXED EXPENSES					
Implements	Acre	10.81	1.0000	10.81	_____
Tractors	Acre	15.19	1.0000	15.19	_____
Harvesters	Acre	7.09	1.0000	7.09	_____
				-----	
TOTAL FIXED EXPENSES				33.09	_____
				-----	
TOTAL SPECIFIED EXPENSES				162.62	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-57.02	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	28.56	1.0000	28.56	_____
RESIDUAL RETURNS				-85.58	_____

Table 19.B Estimated resource use and costs for field operations, per Acre  
 Grain Sorghum, 8-Row Equipment (38" Rows), Tenant-Opera  
 Red River and Central Areas, Louisiana, 2006

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST	
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Disk Harrow	28'	MFWD 170	0.070	2.00	Apr	3.16	3.14	1.11	2.59	0.14	1.35					11.35
Row Cond (Plant)	27'	MFWD 150	0.075	1.00	Apr	1.51	1.44	0.19	0.87	0.07	0.73					4.74
Plant & Pre Rigid	8R-38	MFWD 170	0.077	1.00	Apr	1.74	1.73	0.76	1.61	0.15	1.48					7.32
Atrazine 4L	pt											2.0000	1.29	2.58		2.58
Sorghum NonConcept	lb												1.18			
Lasso 4EC	qt											1.5000	3.05	4.57		4.57
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Apr	1.86	1.83	0.24	0.69	0.07	0.71					5.33
Ditcher		2WD 130	0.020	1.00	May	0.33	0.29	0.03	0.05	0.02	0.19					0.89
Plant & Pre Rigid	8R-38	MFWD 170	0.077	1.00	May	1.74	1.73	0.76	1.61	0.15	1.48					7.32
Atrazine 4L	pt											2.0000	1.29	2.58		2.58
Sorghum NonConcept	lb											8.0000	1.18	9.44		9.44
Lasso 4EC	qt											0.7500	3.05	2.29		2.29
Cultivate	8R-38	MFWD 150	0.081	1.00	May	1.62	1.56	0.33	0.97	0.08	0.78					5.26
Cultivate	8R-38	MFWD 150	0.081	1.00	May	1.62	1.56	0.33	0.97	0.08	0.78					5.26
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Jun	1.95	1.91	0.59	0.73	0.11	1.12					6.30
LA Nitrogen	lb											120.0000	0.40	48.00		48.00
App by Air ( 2 gal)	appl			1.00	Jun							1.0000	2.80	2.80		2.80
Karate Z	oz												3.02			
App by Air ( 2 gal)	appl			1.00	Jul							1.0000	2.80	2.80		2.80
Karate Z	oz											1.5000	3.02	4.53		4.53
Header Wheat/Sorghum	30' Rigid	275hp	0.085	1.00	Aug	4.31	7.09	0.44	0.72	0.08	1.30					13.86
Haul Sorghum	bu			1.00	Aug							60.0000	0.16	9.60		9.60
TOTALS						19.84	22.28	4.78	10.81	0.98	9.92			89.19		156.82
INTEREST ON OPERATING CAPITAL														5.80		
UNALLOCATED LABOR														0.00		
TOTAL SPECIFIED COST														162.62		

Table 20.A Estimated costs and returns per Acre  
Wheat, 8-Row Equipment, Drill Plant, Owner-Operator,  
Alluvial Soil, Red River Area, Louisiana, 2006

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Wheat	bu	3.20	40.0000	128.00	_____
				-----	
TOTAL INCOME				128.00	_____
DIRECT EXPENSES					
FERTILIZERS					
LA Nitrogen	lb	0.40	80.0000	32.00	_____
SEED/PLANTS					
Wheat Seed Private	lb	0.20	90.0000	18.00	_____
CUSTOM HARVEST/HAUL					
Haul Wheat	bu	0.14	40.0000	5.60	_____
LA OPERATOR LABOR					
Harvesters	hour	15.30	0.1021	1.56	_____
LA Hired Labor					
Implements	hour	9.60	0.0785	0.75	_____
Tractors	hour	9.60	0.3945	3.79	_____
DIESEL FUEL					
Tractors	gal	2.20	3.1465	6.92	_____
Harvesters	gal	2.20	1.2617	2.78	_____
REPAIR & MAINTENANCE					
Implements	Acre	2.63	1.0000	2.63	_____
Tractors	Acre	1.13	1.0000	1.13	_____
Harvesters	Acre	1.75	1.0000	1.75	_____
INTEREST ON OP. CAP.	Acre	3.52	1.0000	3.52	_____
				-----	
TOTAL DIRECT EXPENSES				80.43	_____
RETURNS ABOVE DIRECT EXPENSES				47.57	_____
FIXED EXPENSES					
Implements	Acre	6.09	1.0000	6.09	_____
Tractors	Acre	7.68	1.0000	7.68	_____
Harvesters	Acre	7.49	1.0000	7.49	_____
				-----	
TOTAL FIXED EXPENSES				21.26	_____
				-----	
TOTAL SPECIFIED EXPENSES				101.69	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				26.31	_____

Table 20.B Estimated resource use and costs for field operations, per Acre  
Wheat, 8-Row Equipment, Drill Plant, Owner-Operator,  
Alluvial Soil, Red River Area, Louisiana, 2006

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk Harrow	28'	MFWD 170	0.070	2.00	Oct	3.16	3.14	1.11	2.59	0.14	1.35				11.35
Row Cond (Plant)	27'	MFWD 150	0.075	1.00	Oct	1.51	1.44	0.19	0.87	0.07	0.73				4.74
Grain Drill	24'	MFWD 190	0.078	1.00	Oct	1.97	1.94	0.82	1.72	0.15	1.50				7.95
Wheat Seed Private	lb											90.0000	0.20	18.00	18.00
Utility Trailer	30 ft	2WD 105	1.000	0.08	Oct	1.08	0.87	0.02	0.10	0.08	0.77				2.84
Ditcher		2WD 130	0.020	1.00	Oct	0.33	0.29	0.03	0.05	0.02	0.19				0.89
LA Nitrogen	lb				Feb							80.0000	0.40	32.00	32.00
Header Wheat/Sorghum	25' Rigid	240hp	0.102	1.00	May	4.53	7.49	0.46	0.76	0.10	1.56				14.80
Haul Wheat	bu				May							40.0000	0.14	5.60	5.60
TOTALS						12.58	15.17	2.63	6.09	0.57	6.10			55.60	98.17
INTEREST ON OPERATING CAPITAL															3.52
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															101.69

Table 21.A Estimated costs and returns per Acre  
Wheat and Soybeans, (double crop), Owner-Operator,  
Red River and Central Areas, Louisiana, 2006

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Wheat	bu	3.20	45.0000	144.00	_____
Soybeans	bu	5.90	35.0000	206.50	_____
				-----	
TOTAL INCOME				350.50	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 2 gal)	appl	2.80	1.0000	2.80	_____
App by Air ( 5 gal)	appl	4.50	1.0000	4.50	_____
FERTILIZERS					
LA Nitrogen	lb	0.40	80.0000	32.00	_____
HERBICIDES					
Roundup Ultra MAX	pt	5.87	6.0000	35.22	_____
Lasso 4EC	qt	3.05	1.0000	3.05	_____
Scepter 70 DG	oz	2.53	0.3330	0.84	_____
INSECTICIDES					
Karate Z	oz	3.02	4.0000	12.08	_____
SEED/PLANTS					
Wheat Seed Private	lb	0.20	90.0000	18.00	_____
Soybean Seed RR	lb	0.64	50.0000	32.00	_____
CUSTOM HARVEST/HAUL					
Haul Wheat	bu	0.14	45.0000	6.30	_____
Haul Soybeans	bu	0.16	35.0000	5.60	_____
LA OPERATOR LABOR					
Harvesters	hour	15.30	0.2043	3.12	_____
LA Hired Labor					
Implements	hour	9.60	0.2519	2.41	_____
Tractors	hour	9.60	0.6471	6.21	_____
DIESEL FUEL					
Tractors	gal	2.20	5.4446	11.97	_____
Harvesters	gal	2.20	2.7075	5.96	_____
REPAIR & MAINTENANCE					
Implements	Acre	4.59	1.0000	4.59	_____
Tractors	Acre	1.92	1.0000	1.92	_____
Harvesters	Acre	3.74	1.0000	3.74	_____
INTEREST ON OP. CAP.	Acre	8.63	1.0000	8.63	_____
				-----	
TOTAL DIRECT EXPENSES				200.94	_____
RETURNS ABOVE DIRECT EXPENSES				149.56	_____
FIXED EXPENSES					
Implements	Acre	9.63	1.0000	9.63	_____
Tractors	Acre	13.17	1.0000	13.17	_____
Harvesters	Acre	16.00	1.0000	16.00	_____
				-----	
TOTAL FIXED EXPENSES				38.80	_____
				-----	
TOTAL SPECIFIED EXPENSES				239.74	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				110.76	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	28.56	1.0000	28.56	_____
RESIDUAL RETURNS				82.20	_____

Table 21.B Estimated resource use and costs for field operations, per Acre  
Wheat and Soybeans, (double crop), Owner-Operator  
Alluvial Soil, Northeast Louisiana, 2006

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk Harrow	28'	MFWD 170	0.070	1.00	Oct	1.58	1.57	0.56	1.29	0.07	0.67				5.67
Row Cond (Plant)	27'	MFWD 190	0.075	1.00	Oct	1.90	1.86	0.19	0.87	0.07	0.73				5.55
Grain Drill	30'	MFWD 225	0.062	1.00	Oct	1.86	1.77	0.82	1.74	0.12	1.20				7.39
Wheat Seed Private	lb											90.0000	0.20	18.00	18.00
Utility Trailer	30 ft	2WD 105	1.000	0.08	Oct	1.08	0.87	0.02	0.10	0.08	0.77				2.84
Ditcher		2WD 130	0.020	1.00	Nov	0.33	0.29	0.03	0.05	0.02	0.19				0.89
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Feb	1.06	1.04	0.25	0.55	0.08	0.80				3.70
LA Nitrogen	lb											80.0000	0.40	32.00	32.00
Header Wheat/Sorghum	25' Rigid	240hp	0.102	1.00	May	4.53	7.49	0.46	0.76	0.10	1.56				14.80
Haul Wheat	bu				May							45.0000	0.14	6.30	6.30
Spray (Bcast/HB)	30' Fold	MFWD 170	0.056	1.00	May	1.27	1.26	0.28	0.36	0.08	0.81				3.98
Roundup Ultra	MAX pt											2.0000	5.87	11.74	11.74
NT Plant&Pre-Rigid	12R-20	MFWD 190	0.097	1.00	May	2.45	2.40	1.27	2.69	0.19	1.88				10.69
Soybean Seed RR	lb											50.0000	0.64	32.00	32.00
Lasso 4EC	qt											1.0000	3.05	3.05	3.05
Scepter 70 DG	oz											0.3330	2.53	0.84	0.84
Utility Trailer	30 ft	2WD 105	1.000	0.08	May	1.08	0.87	0.02	0.10	0.08	0.77				2.84
Ditcher		2WD 130	0.020	1.00	Jun	0.33	0.29	0.03	0.05	0.02	0.19				0.89
App by Air ( 2 gal)	appl				Jun							1.0000	2.80	2.80	2.80
Karate Z	oz											2.0000	3.02	6.04	6.04
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Jul	0.95	0.95	0.10	0.14	0.06	0.61				2.75
Roundup Ultra	MAX pt											2.0000	5.87	11.74	11.74
App by Air ( 5 gal)	appl				Jul							1.0000	4.50	4.50	4.50
Roundup Ultra	MAX pt											2.0000	5.87	11.74	11.74
Karate Z	oz											2.0000	3.02	6.04	6.04
Header - Soybean	25' Flex	275hp	0.102	1.00	Oct	5.17	8.51	0.56	0.93	0.10	1.56				16.73
Haul Soybeans	bu				Oct							35.0000	0.16	5.60	5.60
TOTALS						23.59	29.17	4.59	9.63	1.10	11.74			152.39	231.11
INTEREST ON OPERATING CAPITAL															8.63
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															239.74

Appendix Table 1. Tractors and Combine Power Units: Estimated useful life, annual use, purchase price, repair cost, fuel consumption rate, and direct and fixed cost per hour, Louisiana, 2006

RECORD NUM	ITEM NAME	SIZE	FUEL TYPE	FUEL USE	LAB TYPE	LAB MULT	PUR PRICE	R&M RATE	ANN USE	SALV RATE	USE LIFE	LEASE AMOUNT	R&M RATE	ANN USE
32	Combine (170-199 hp)	190hp	DI	9.78	11	1		25	300	30	8			
33	Combine (200-249 hp)	240hp	DI	12.35	11	1	164572	25	300	30	8			
49	Combine (225-274 hp)	Track250hp	DI	12.87	11	1		25	300	30	8			
46	Combine (250-299 hp)	275hp	DI	14.15	11	1	186781	25	300	30	8			
54	Combine (250-299hp)	Grass295hp	DI	15.18	11	1	203123	25	300	30	8			
50	Combine (275-299 hp)	Track290hp	DI	14.93	11	1		25	300	30	8			
47	Combine (300-349 hp)	325hp	DI	16.73	11	1	213047	25	300	30	8			
51	Combine (300-349hp)	Track320hp	DI	16.47	11	1		25	300	30	8			
48	Combine (350-379 hp)	370hp	DI	19.04	11	1	243459	25	300	30	8			
52	Combine (350-379 hp)	Track365hp	DI	18.79	11	1		25	300	30	8			
45	Cotton Stripper	173hp	DI	9.008	11	1	137644	25	200	30	8			
56	SC Tractor 93 MDR	93	DI	4.79	12	1.1	46683	35	600	36	10			
57	SC Tractpr 68 MDR	68	DI	3.5	12	1.1	27049	35	600	36	10			
36	Tractor( 40-59hp)Cab	2WD 50	DI	2.5736	12	1	26972	15	600	40	8			
37	Tractor( 40-59hp)Cab	MFWD 50	DI	2.5736	12	1	32095	15	600	40	8			
1	Tractor( 40-59hp)RB	2WD 50	DI	2.5736	12	1	18718	15	600	40	8			
35	Tractor( 40-59hp)RB	MFWD 50	DI	2.5736	12	1	23706	15	600	40	8			
38	Tractor( 60-89hp)CAB	2WD 75	DI	3.8604	12	1	37219	15	600	40	8			
40	Tractor( 60-89hp)CAB	MFWD 75	DI	3.8604	12	1	42714	15	600	40	8			
2	Tractor( 60-89hp)RB	2WD 75	DI	3.8604	12	1	28557	15	600	40	8			
39	Tractor( 60-89hp)RB	MFWD 75	DI	3.8604	12	1	34982	15	600	40	8			
42	Tractor( 90-119hp)CB	2WD 105	DI	5.4046	12	1	52861	15	600	40	8			
43	Tractor( 90-119hp)CB	MFWD 105	DI	5.4046	12	1	62722	15	600	40	8			
3	Tractor( 90-119hp)RB	2WD 105	DI	5.4046	12	1	45123	15	600	40	8			
41	Tractor( 90-119hp)RB	MFWD 105	DI	5.4046	12	1	53979	15	600	40	8			
4	Tractor(120-139hp)CB	2WD 130	DI	6.6914	12	1	70771	15	600	40	8			
44	Tractor(120-139hp)CB	MFWD 130	DI	6.6914	12	1	85232	15	600	40	8			
5	Tractor(140-159hp)CB	2WD 150	DI	7.7209	12	1	81519	15	600	40	8			
18	Tractor(140-159hp)CB	MFWD 150	DI	7.7209	12	1	92551	15	600	40	8			
6	Tractor(160-179hp)CB	2WD 170	DI	8.7503	12	1	89600	15	600	35	8			
19	Tractor(160-179hp)CB	MFWD 170	DI	8.7503	12	1	104216	15	600	35	8			
20	Tractor(160-199hp)CB	Track 180	DI	9.2651	12	1	133374	15	600	35	8			
7	Tractor(180-199hp)CB	2WD 190	DI	9.7798	12	1	102730	15	600	35	8			
21	Tractor(180-199hp)CB	MFWD 190	DI	9.7798	12	1	114782	15	600	35	8			
8	Tractor(200-249hp)CB	4WD 225	DI	11.5813	12	1	133279	15	600	35	8			
9	Tractor(200-249hp)CB	MFWD 225	DI	11.5813	12	1	131516	15	600	35	8			
22	Tractor(200-249hp)CB	Track 225	DI	11.5813	12	1	149580	15	600	35	8			
23	Tractor(250-349hp)CB	4WD 300	DI	15.4418	12	1	150010	15	600	35	8			
24	Tractor(250-349hp)CB	Track 300	DI	15.4418	12	1	181208	15	600	35	8			
25	Tractor(350-449hp)CB	4WD 400	DI	20.5890	12	1	183875	15	600	35	8			
26	Tractor(350-449hp)CB	Track 400	DI	20.5890	12	1	224296	15	600	35	8			
55	Tractor(450-uphp)CB	TRACK-475	DI	24.449	12	1.0	228724	15	600	35	8			

Appendix Table 2. Self-propelled machines: estimated purchase price, annual use, useful life, fuel use, performance rate, and direct and fixed cost per acre Louisiana, 2006.

Item Name	Size	Purchase Price	Annual Use	Useful Life	Fuel Use	Perf Rate	Labor	Fuel	R&M	Total Direct	Fixed	Total Cost
		dollars	hours	years	gal/hr	hr/ac	-----\$/acre-----					
ATV - 4 Wheeler	12'	0	100	8	1.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00
ATV - 4 Wheeler	20'	0	100	8	1.00	0.200	1.96	0.48	0.00	2.44	0.00	2.44
Butt Levee (Backhoe)	70 HP	54,723	150	8	5.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00
Cotton Picker-1st-BB	2R38*157hp	131,738	200	8	8.08	0.519	11.29	9.23	10.69	31.23	45.76	77.00
Cotton Picker-1st-BB	4R2X1260hp	319,046	200	8	13.33	0.172	3.74	5.05	8.58	17.38	36.75	54.14
Cotton Picker-1st-BB	4R30*250hp	232,962	200	8	12.86	0.327	7.11	9.26	11.91	28.30	50.99	79.29
Cotton Picker-1st-BB	4R30*325hp	310,690	200	8	16.72	0.327	7.11	12.04	15.89	35.05	68.00	103.06
Cotton Picker-1st-BB	4R38*255hp	230,242	200	8	13.12	0.257	6.41	7.44	9.27	23.13	39.68	62.81
Cotton Picker-1st-BB	4R38*325hp	311,490	200	8	16.72	0.257	6.41	9.48	12.54	28.45	53.68	82.13
Cotton Picker-1st-BB	5R30*255hp	237,698	200	8	13.12	0.261	5.69	7.56	9.72	22.98	41.62	64.60
Cotton Picker-1st-BB	5R38*250hp	261,868	200	8	12.86	0.207	4.50	5.86	8.47	18.84	36.27	55.12
Cotton Picker-1st-BB	6R30*325hp	361,881	200	8	16.72	0.218	4.74	8.03	12.34	25.11	52.80	77.92
Cotton Picker-1st-BB	6R38*330hp	355,862	200	8	16.98	0.172	4.29	6.43	9.58	20.31	40.99	61.30
Cotton Picker-1st-Tr	2R38*157hp	131,738	200	8	8.08	0.519	11.29	9.23	10.69	31.23	45.76	77.00
Cotton Picker-1st-Tr	4R2X1260hp	319,046	200	8	13.33	0.172	3.74	5.05	8.58	17.38	36.75	54.14
Cotton Picker-1st-Tr	4R30*250hp	232,962	200	8	12.86	0.327	7.11	9.26	11.91	28.30	50.99	79.29
Cotton Picker-1st-Tr	4R30*325hp	310,690	200	8	16.72	0.327	7.11	12.04	15.89	35.05	68.00	103.06
Cotton Picker-1st-Tr	4R38*255hp	230,242	200	8	13.12	0.257	5.60	7.44	9.27	22.32	39.68	62.00
Cotton Picker-1st-Tr	4R38*325hp	311,490	200	8	16.72	0.257	5.60	9.48	12.54	27.63	53.68	81.32
Cotton Picker-1st-Tr	5R30*255hp	237,698	200	8	13.12	0.261	5.69	7.56	9.72	22.98	41.62	64.60
Cotton Picker-1st-Tr	5R38*250hp	261,868	200	8	12.86	0.207	4.50	5.86	8.47	18.84	36.27	55.12
Cotton Picker-1st-Tr	6R30*325hp	361,881	200	8	16.72	0.218	4.74	8.03	12.34	25.11	52.80	77.92
Cotton Picker-1st-Tr	6R38*330hp	355,862	200	8	16.98	0.172	3.74	6.43	9.58	19.76	40.99	60.76
Cotton Picker-2nd-BB	2R38*157hp	131,738	200	8	8.08	0.440	9.56	7.82	9.06	26.45	38.76	65.22
Cotton Picker-2nd-BB	4R2x1260hp	319,046	200	8	13.33	0.145	3.17	4.28	7.27	14.72	31.13	45.86
Cotton Picker-2nd-BB	4R30*250hp	232,962	200	8	12.86	0.277	6.02	7.85	10.09	23.97	43.19	67.16
Cotton Picker-2nd-BB	4R30*325hp	310,690	200	8	16.72	0.277	6.02	10.20	13.46	29.69	57.60	87.30
Cotton Picker-2nd-BB	4R38*255hp	230,242	200	8	13.12	0.218	5.43	6.30	7.85	19.59	33.61	53.20
Cotton Picker-2nd-BB	4R38*325hp	311,490	200	8	16.72	0.218	4.74	8.03	10.62	23.41	45.47	68.88
Cotton Picker-2nd-BB	5R30*255hp	237,698	200	8	13.12	0.221	5.52	6.40	8.23	20.16	35.25	55.42
Cotton Picker-2nd-BB	5R38*250hp	261,868	200	8	12.86	0.175	3.81	4.96	7.18	15.96	30.72	46.69
Cotton Picker-2nd-BB	6R30*325hp	361,881	200	8	16.72	0.184	4.01	6.80	10.45	21.27	44.72	66.00
Cotton Picker-2nd-BB	6R38*330hp	355,862	200	8	16.98	0.145	3.63	5.45	8.11	17.20	34.72	51.92
Cotton Picker-2nd-Tr	2R38*157hp	131,738	200	8	8.08	0.440	9.56	7.82	9.06	26.45	38.76	65.22
Cotton Picker-2nd-Tr	4R2X1260hp	319,046	200	8	13.33	0.145	3.17	4.28	7.27	14.72	31.13	45.86
Cotton Picker-2nd-Tr	4R30*250hp	232,962	200	8	12.86	0.277	6.02	7.85	10.09	23.97	43.19	67.16
Cotton Picker-2nd-Tr	4R30*325hp	310,690	200	8	16.72	0.277	6.02	10.20	13.46	29.69	57.60	87.30
Cotton Picker-2nd-Tr	4R38*255hp	230,242	200	8	13.12	0.218	5.43	6.30	7.85	19.59	33.61	53.20
Cotton Picker-2nd-Tr	4R38*325hp	311,490	200	8	16.72	0.218	4.74	8.03	10.62	23.41	45.47	68.88
Cotton Picker-2nd-Tr	5R30*255hp	237,698	200	8	13.12	0.221	4.82	6.40	8.23	19.46	35.25	54.72
Cotton Picker-2nd-Tr	5R38*250hp	261,898	200	8	12.86	0.175	3.81	4.96	7.18	15.96	30.73	46.69
Cotton Picker-2nd-Tr	6R30*325hp	355,862	200	8	16.72	0.184	4.01	6.80	10.27	21.10	43.98	65.08
Cotton Picker-2nd-Tr	6R38*330hp	355,862	200	8	16.98	0.145	3.17	5.45	8.11	16.74	34.72	51.46
LA Pickup Truck	1/2 ton	25,000	800	5	2.50	1.000	9.60	6.00	2.81	18.41	6.94	25.36
LA Rice Combine	25 ft	165,000	300	10	8.60	0.300	5.05	5.68	13.21	23.94	21.63	45.58
LA Rice Combine-2	25 ft	165,000	300	10	8.60	0.300	5.05	5.68	13.21	23.94	21.63	45.58
LA Truck	5 Ton	115,000	400	12	5.00	1.000	10.56	12.00	23.95	46.51	33.38	79.90
LARice Combine Med	20 ft	150,000	300	10	7.10	0.210	3.53	3.28	8.40	15.22	13.76	28.98
Levee Sprayer	27'	30,768	350	8	2.57	0.038	0.50	0.21	0.06	0.78	0.45	1.23
SC Billet Harvester	6 ft	210,000	600	10	9.00	0.598	10.07	11.85	20.95	42.89	27.14	70.03
SC Harvester 1Rw	6 ft	115,000	400	12	6.80	0.598	10.07	8.95	14.34	33.38	19.98	53.37
SC Harvester 2Rw	12 ft	180,000	400	12	8.00	0.300	5.05	5.28	11.26	21.60	15.69	37.29
SC Loader 1Rw	6 ft	60,000	425	10	5.10	0.598	6.32	6.71	6.17	19.21	11.07	30.28
SC Loader 2Rw	12 ft	112,000	425	10	7.00	0.300	3.17	4.62	5.77	13.57	10.36	23.94
SC Transloader		30,000	120	12	4.70	0.250	2.64	2.58	3.75	8.97	7.25	16.23
SC Truck&Trailer	30 Ton	45,000	400	10	7.00	1.000	10.56	15.40	7.87	33.83	14.73	48.57
Sprayer( 300-450Gal)	47'	0	350	8	5.40	0.022	0.45	0.26	0.00	0.71	0.00	0.71
Sprayer( 300-450Gal)	60'	72,164	350	8	5.66	0.017	0.35	0.21	0.06	0.64	0.48	1.12
Sprayer( 300-450Gal)	80'	74,398	350	8	5.66	0.013	0.26	0.16	0.05	0.48	0.37	0.85
Sprayer( 600-750Gal)	60'	133,530	350	8	10.29	0.017	0.35	0.39	0.12	0.87	0.89	1.77
Sprayer( 600-825Gal)	80'	138,648	350	8	10.29	0.013	0.26	0.29	0.09	0.66	0.70	1.36
Sprayer( 600-825Gal)	90'	144,471	350	8	10.29	0.014	0.28	0.31	0.10	0.71	0.77	1.49
Sprayer(1000-1400Gal)	90'	207,081	350	8	14.15	0.014	0.28	0.43	0.15	0.87	1.11	1.99
Sprayer(1200PlusGal)	120'	212,406	350	8	15.44	0.010	0.21	0.35	0.12	0.69	0.85	1.55

Notes:  
 Labor: includes allocated labor plus any additional labor from self-propelled machine.  
 Direct: Does not include interest on operating capital.

Appendix Table 3. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre, Louisiana, 2006

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M--- Imp. P.U.	Total Direct	--Fixed-- Imp. P.U.	Total Cost		
			dollars	hours	years	hr/ac	\$/acre							
Blade-Box	6'	2WD 130	861	200	20	0.020	0.19	0.29	0.00	0.04	0.53	0.00	0.29	0.83
Blade-Box	10'	2WD 50	1,673	200	20	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Blade-Box	14'	2WD 50	3,856	200	20	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Blade-Scraper	6'	2WD 50	958	200	20	1.176	11.29	6.66	0.53	0.68	19.17	0.48	4.54	24.20
Blade-Scraper	10'	2WD 50	1,754	200	20	1.176	11.29	6.66	0.98	0.68	19.62	0.88	4.54	25.05
Blade-Scraper	14'	2WD 50	4,341	200	20	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Boll Buggy-1st Pick	2R38*157hp	MFWD 190	25,320	200	10	0.519	4.98	11.18	3.28	1.86	21.32	7.39	12.79	41.51
Boll Buggy-1st pick	4R2x1260hp	MFWD 190	25,320	200	10	0.172	1.65	3.70	1.09	0.61	7.07	2.45	4.24	13.76
Boll Buggy-1st pick	4R30*255hp	MFWD 190	25,320	200	10	0.327	3.14	7.04	2.07	1.17	13.43	4.65	8.06	26.15
Boll Buggy-1st pick	4R30*325hp	MFWD 190	25,320	200	10	0.327	3.14	7.04	2.07	1.17	13.43	4.65	8.06	26.15
Boll Buggy-1st pick	4R38*255hp	MFWD 190	25,320	200	10	0.257	2.47	5.54	1.63	0.92	10.57	3.66	6.34	20.59
Boll Buggy-1st pick	4R38*325hp	MFWD 190	25,320	200	10	0.257	2.47	5.54	1.63	0.92	10.57	3.66	6.34	20.59
Boll Buggy-1st pick	5R30*255hp	MFWD 190	25,320	200	10	0.261	2.51	5.63	1.65	0.93	10.74	3.72	6.45	20.92
Boll Buggy-1st pick	5R38*255hp	MFWD 190	25,320	200	10	0.207	1.98	4.45	1.31	0.74	8.50	2.94	5.10	16.55
Boll Buggy-1st pick	6R30*325hp	MFWD 190	25,320	200	10	0.218	2.09	4.69	1.38	0.78	8.95	3.10	5.37	17.43
Boll Buggy-1st pick	6R38*325hp	MFWD 190	25,320	200	10	0.172	1.65	3.70	1.09	0.61	7.07	2.45	4.24	13.76
Boll Buggy-2nd pick	2R38*157hp	MFWD 190	25,320	200	10	0.440	4.22	9.47	2.78	1.57	18.06	6.26	10.84	35.16
Boll Buggy-2nd pick	4R2x1260hp	MFWD 190	25,320	200	10	0.145	1.40	3.14	0.92	0.52	5.98	2.07	3.59	11.65
Boll Buggy-2nd pick	4R30*255hp	MFWD 190	25,320	200	10	0.277	2.66	5.96	1.75	0.99	11.37	3.94	6.82	22.15
Boll Buggy-2nd pick	4R30*325hp	MFWD 190	25,320	200	10	0.277	2.66	5.96	1.75	0.99	11.37	3.94	6.82	22.15
Boll Buggy-2nd pick	4R38*255hp	MFWD 190	25,320	200	10	0.218	2.09	4.69	1.38	0.78	8.95	3.10	5.37	17.44
Boll Buggy-2nd pick	4R38*325hp	MFWD 190	25,320	200	10	0.218	2.09	4.69	1.38	0.78	8.95	3.10	5.37	17.44
Boll Buggy-2nd pick	5R30*255hp	MFWD 190	25,320	200	10	0.221	2.12	4.77	1.40	0.79	9.10	3.15	5.46	17.72
Boll Buggy-2nd pick	5R38*255hp	MFWD 190	25,320	200	10	0.175	1.68	3.77	1.11	0.62	7.20	2.49	4.32	14.02
Boll Buggy-2nd pick	6R30*325hp	MFWD 190	25,320	200	10	0.184	1.77	3.97	1.17	0.66	7.58	2.63	4.55	14.76
Boll Buggy-2nd pick	6R38*325hp	MFWD 190	25,320	200	10	0.145	1.40	3.14	0.92	0.52	5.98	2.07	3.59	11.65
Boll Buggy-Stripper	13' Bcast	MFWD 150	25,320	200	10	0.251	2.41	4.27	1.59	0.72	9.01	3.58	4.80	17.40
Boll Buggy-Stripper	16' Bcast	MFWD 150	25,320	200	10	0.204	1.96	3.47	1.29	0.59	7.32	2.91	3.90	14.14
Boll Buggy-Stripper	19' Bcast	MFWD 150	25,320	200	10	0.172	1.65	2.92	1.09	0.49	6.17	2.45	3.28	11.91
Boll Buggy-Stripper	4R30*2X1Br	MFWD 150	25,320	200	10	0.218	2.09	3.70	1.38	0.63	7.81	3.10	4.16	15.08
Boll Buggy-Stripper	4R30*Brush	MFWD 150	25,320	200	10	0.327	3.14	5.56	2.07	0.94	11.72	4.65	6.24	22.63
Boll Buggy-Stripper	4R38*2X1Br	MFWD 150	25,320	200	10	0.172	1.65	2.92	1.09	0.49	6.17	2.45	3.28	11.91
Boll Buggy-Stripper	4R38*Brush	MFWD 150	25,320	200	10	0.257	2.47	4.37	1.63	0.74	9.23	3.66	4.92	17.81
Boll Buggy-Stripper	5R30*Brush	MFWD 150	25,320	200	10	0.261	2.51	4.44	1.65	0.75	9.37	3.72	4.99	18.10
Boll Buggy-Stripper	5R38*Brush	MFWD 150	25,320	200	10	0.207	1.98	3.51	1.31	0.59	7.41	2.94	3.95	14.32
Boll Buggy-Stripper	6R30*Brush	MFWD 150	25,320	200	10	0.218	2.09	3.70	1.38	0.63	7.81	3.10	4.16	15.08
Chisel Plow(Folding)	16"	2WD 130	10,969	150	12	0.115	1.10	1.70	0.45	0.25	3.52	0.88	1.68	6.09
Chisel Plow(Folding)	24"	MFWD 190	19,597	150	12	0.076	0.73	1.64	0.54	0.27	3.19	1.04	1.88	6.12
Chisel Plow(Folding)	32"	MFWD 225	23,756	150	12	0.057	0.55	1.47	0.49	0.23	2.75	0.95	1.63	5.34
Chisel Plow(Folding)	42"	MFWD 225	28,579	150	12	0.044	0.42	1.12	0.45	0.18	2.17	0.87	1.24	4.29
Chisel Plow(Rigid)	15"	2WD 130	6,324	150	12	0.123	1.18	1.81	0.28	0.27	3.55	0.54	1.79	5.89
Chisel Plow(Rigid)	24"	MFWD 190	7,392	150	12	0.077	0.73	1.65	0.20	0.27	2.87	0.39	1.89	5.17
Chisel-Harrow	21 shank	2WD 190	6,294	150	12	0.088	0.84	1.89	0.20	0.28	3.22	0.38	1.94	5.54
Chisel-Harrow	27 shank	MFWD 225	7,745	150	12	0.068	0.65	1.74	0.19	0.28	2.87	0.36	1.93	5.17
Colter-Chisel-Harrow	21 shank	2WD 190	10,868	150	12	0.088	0.84	1.89	0.34	0.28	3.36	0.66	1.94	5.97
Colter-Chisel-Harrow	27 shank	MFWD 225	12,318	150	12	0.071	0.69	1.83	0.31	0.29	3.13	0.61	2.02	5.78
Corn Grain Cart 8R30	500 bu	MFWD 190	14,594	200	12	0.127	1.22	2.74	0.50	0.45	4.93	0.97	3.14	9.05
Corn Grain Cart 8R40	700bu	MFWD 190	18,680	200	12	0.095	0.91	2.05	0.48	0.34	3.80	0.93	2.35	7.09
Cult & Post	4R-38	2WD 105	13,849	150	10	0.162	2.33	1.93	0.59	0.22	5.09	1.74	1.51	8.35
Cult & Post	6R-30	MFWD 150	17,543	150	10	0.137	1.98	2.33	0.64	0.39	5.35	1.86	2.62	9.84
Cult & Post	6R-38	MFWD 150	17,610	150	10	0.108	1.56	1.84	0.50	0.31	4.23	1.47	2.07	7.78
Cult & Post	8R-30	MFWD 190	20,537	150	10	0.103	1.48	2.21	0.56	0.36	4.63	1.63	2.53	8.81
Cult & Post	8R-38	MFWD 190	20,446	150	10	0.081	1.17	1.75	0.44	0.29	3.66	1.29	2.00	6.96
Cult & Post	8R-38 2x1	MFWD 190	33,897	150	10	0.054	0.78	1.16	0.49	0.19	2.63	1.42	1.33	5.39
Cult & Post	10R-30	MFWD 225	24,667	150	10	0.082	1.18	2.10	0.54	0.33	4.17	1.57	2.32	8.07
Cult & Post	10R-38	MFWD 225	0	150	10	0.065	0.93	1.65	0.00	0.26	2.86	0.00	1.83	4.69
Cult & Post	12R-30	MFWD 225	30,013	150	10	0.068	0.99	1.75	0.55	0.28	3.57	1.59	1.94	7.11
Cult & Post	12R-38	MFWD 225	33,897	150	10	0.054	0.78	1.38	0.49	0.22	2.87	1.42	1.53	5.83
Cultipacker	12"	2WD 130	3,625	300	12	0.124	1.19	1.83	0.10	0.27	3.40	0.16	1.81	5.38
Cultipacker	20"	MFWD 150	10,880	300	12	0.074	0.71	1.26	0.19	0.21	2.39	0.29	1.42	4.10
Cultivate	4R-38	2WD 105	8,772	150	10	0.162	1.55	1.93	0.37	0.22	4.09	1.10	1.51	6.71
Cultivate	6R-30	MFWD 150	12,465	150	10	0.137	1.32	2.33	0.45	0.39	4.51	1.32	2.62	8.46
Cultivate	6R-38	MFWD 150	12,533	150	10	0.108	1.04	1.84	0.36	0.31	3.56	1.05	2.07	6.68
Cultivate	8R-30	MFWD 190	15,460	150	10	0.103	0.99	2.21	0.42	0.36	4.00	1.23	2.53	7.77
Cultivate	8R-38	MFWD 190	15,369	150	10	0.081	0.78	1.75	0.33	0.29	3.16	0.96	2.00	6.14
Cultivate	8R-38 2x1	MFWD 190	28,604	150	10	0.054	0.52	1.16	0.41	0.19	2.29	1.20	1.33	4.83
Cultivate	10R-30	MFWD 225	19,590	150	10	0.082	0.79	2.10	0.43	0.33	3.66	1.25	2.32	7.24
Cultivate	10R-38	MFWD 225	0	150	10	0.065	0.62	1.65	0.00	0.26	2.54	0.00	1.83	4.38
Cultivate	12R-30	MFWD 225	25,935	150	10	0.068	0.66	1.75	0.47	0.28	3.16	1.38	1.94	6.48
Cultivate	12R-38	MFWD 225	28,604	150	10	0.054	0.52	1.38	0.41	0.22	2.54	1.20	1.53	5.27
Disk & Incorporate	14"	2WD 130	15,937	200	10	0.147	2.12	2.16	0.70	0.32	5.32	1.36	2.15	8.83
Disk & Incorporate	24"	MFWD 190	30,961	200	10	0.085	1.23	1.84	0.79	0.30	4.19	1.54	2.11	7.85
Disk & Incorporate	32"	MFWD 225	36,644	200	10	0.064	0.92	1.64	0.70	0.26	3.54	1.37	1.81	6.73
Disk & Incorporate	42"	MFWD 225	30,542	200	10	0.049	0.70	1.25	0.44	0.20	2.61	0.87	1.38	4.86
Disk Bed (Hipper)	4R-38	MFWD 150	6,179	160	10	0.147	1.41	2.50	0.22	0.42	4.58	0.66	2.81	8.06
Disk Bed (Hipper)	6R-30	MFWD 170	9,459	160	10	0.125	1.20	2.40	0.29	0.40	4.30	0.85	2.79	7.96
Disk Bed (Hipper)	6R-38	MFWD 170	9,459	160	10	0.098	0.94	1.89	0.23	0.32	3.40	0.67	2.20	6.28
Disk Bed (Hipper)	8R-30	MFWD 190	11,502	160	10	0.093	0.90	2.01	0.26	0.33	3.52	0.78	2.30	6.61
Disk Bed (Hipper)	8R-40 2x1	MFWD 190	20,873	160	10	0.049	0.47	1.06	0.25	0.17	1.96	0.74	1.21	3.93
Disk Bed (Hipper)	10R-30	MFWD 225	14,275	160	10	0.075	0.72	1.91	0.26	0.30	3.20	0.77	2.11	6.10
Disk Bed (Hipper)	10R-38	MFWD 225	16,311	160	10	0.059	0.56	1.50	0.24	0.24	2.55	0.70	1.66	4.92
Disk Bed (Hipper)	12R-30	MFWD 225	16,310	160	10	0.062	0.60	1.59	0.25	0.25	2.70	0.73	1.76	5.20
Disk Bed (Hipper)	12R-40	MFWD 225	20,873	160	10	0.049	0.47	1.25	0.25	0.20	2.19	0.74	1.39	4.33
Disk Bed (Hipper)Fld	8R-38	MFWD 190												

Appendix Table 3. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre Louisiana, 2006

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---		Total Direct	--Fixed--		Total Cost
									Imp.	P.U.		Imp.	P.U.	
-----\$/acre-----														
Ditcher		2WD 130	4,071	200	10	0.020	0.19	0.29	0.03	0.04	0.56	0.04	0.29	0.90
Ditcher (1m/160a)		2WD 130	4,071	200	10	0.009	0.09	0.13	0.01	0.02	0.26	0.02	0.13	0.42
Fert Appl (Liquid)	4R-38	MFWD 150	9,425	150	8	0.154	2.22	2.62	0.97	0.44	6.27	1.20	2.95	10.42
Fert Appl (Liquid)	6R-30	MFWD 170	10,010	150	8	0.130	1.88	2.52	0.87	0.42	5.70	1.08	2.92	9.71
Fert Appl (Liquid)	6R-38	MFWD 170	10,240	150	8	0.103	1.48	1.99	0.70	0.33	4.52	0.87	2.31	7.70
Fert Appl (Liquid)	8R-30	MFWD 190	10,809	150	8	0.098	1.41	2.11	0.70	0.35	4.58	0.87	2.41	7.88
Fert Appl (Liquid)	8R-38	MFWD 190	11,339	150	8	0.077	1.11	1.67	0.58	0.27	3.65	0.72	1.91	6.29
Fert Appl (Liquid)	8R-38 2x1	MFWD 190	14,067	150	8	0.051	0.74	1.11	0.48	0.18	2.52	0.59	1.27	4.39
Fert Appl (Liquid)	10R-30	MFWD 225	11,494	150	8	0.078	1.13	2.00	0.60	0.32	4.05	0.74	2.21	7.02
Fert Appl (Liquid)	10R-38	MFWD 225	12,295	150	8	0.061	0.89	1.57	0.50	0.25	3.23	0.62	1.74	5.61
Fert Appl (Liquid)	12R-30	MFWD 225	12,248	150	8	0.078	1.13	2.00	0.64	0.32	4.09	0.79	2.21	7.10
Fert Appl (Liquid)	12R-38	MFWD 225	14,067	150	8	0.051	0.74	1.31	0.48	0.21	2.75	0.59	1.45	4.81
Field Cult & Inc	12'	2WD 150	10,918	100	10	0.124	1.79	2.11	0.33	0.31	4.56	1.57	2.09	8.23
Field Cult & Inc	24'	MFWD 170	22,940	100	10	0.062	0.89	1.19	0.35	0.20	2.65	1.65	1.39	5.70
Field Cult & Inc	32'	MFWD 190	28,288	100	10	0.046	0.67	1.00	0.32	0.16	2.17	1.53	1.14	4.85
Field Cult & Inc	42'	MFWD 225	36,790	100	10	0.035	0.51	0.91	0.32	0.14	1.89	1.52	1.00	4.4
Field Cultivate	12'	2WD 150	5,841	100	10	0.124	1.19	2.11	0.18	0.31	3.80	0.84	2.09	6.74
Field Cultivate	24'	MFWD 170	17,863	100	10	0.062	0.59	1.19	0.27	0.20	2.27	1.29	1.39	4.95
Field Cultivate	32'	MFWD 190	23,211	100	10	0.046	0.44	1.00	0.27	0.16	1.88	1.25	1.14	4.29
Field Cultivate	42'	MFWD 225	31,498	100	10	0.035	0.34	0.90	0.27	0.14	1.67	1.30	1.00	3.97
Field Cultivate	50'	MFWD 225	37,018	100	10	0.029	0.28	0.76	0.27	0.12	1.44	1.28	0.84	3.57
Gate Installer		2WD 130	2,960	10	10	0.020	0.38	0.29	0.17	0.04	0.90	0.66	0.29	1.85
Grain Drill	12'	2WD 130	11,777	150	8	0.157	3.01	2.31	0.69	0.34	6.37	1.46	2.29	10.13
Grain Drill	15'	MFWD 150	19,979	150	8	0.125	2.41	2.13	0.94	0.36	5.85	1.98	2.39	10.24
Grain Drill	20'	MFWD 170	26,494	150	8	0.094	1.81	1.81	0.93	0.30	4.86	1.97	2.10	8.95
Grain Drill	24'	MFWD 190	27,705	150	8	0.078	1.50	1.69	0.81	0.28	4.29	1.72	1.93	7.95
Grain Drill	30'	MFWD 225	34,962	150	8	0.062	1.20	1.60	0.82	0.25	3.89	1.74	1.77	7.40
Grain Drill & Pre	12'	2WD 130	16,885	150	8	0.157	3.01	2.31	0.99	0.34	6.67	2.10	2.29	11.06
Grain Drill & Pre	15'	MFWD 150	25,056	150	8	0.125	2.41	2.13	1.18	0.36	6.09	2.49	2.39	10.98
Grain Drill & Pre	20'	MFWD 170	31,571	150	8	0.094	1.81	1.81	1.11	0.30	5.04	2.35	2.10	9.51
Grain Drill & Pre	24'	MFWD 190	32,783	150	8	0.078	1.50	1.69	0.96	0.28	4.44	2.03	1.93	8.42
Grain Drill & Pre	30'	MFWD 225	40,039	150	8	0.062	1.20	1.60	0.94	0.25	4.01	1.99	1.77	7.77
Harrow	13'	2WD 130	3,690	200	10	0.119	1.14	1.75	0.15	0.26	3.32	0.25	1.74	5.32
Harrow	21'	2WD 150	4,590	200	10	0.073	0.70	1.25	0.11	0.18	2.27	0.19	1.24	3.71
Harrow	40'	MFWD 190	9,900	200	10	0.038	0.37	0.83	0.13	0.13	1.48	0.22	0.95	2.66
Harrow	47'	MFWD 190	11,000	200	10	0.033	0.31	0.71	0.12	0.11	1.27	0.21	0.81	2.29
Header - Corn	4R38"	240hp	20,709	300	8	0.201	3.07	5.46	1.04	3.44	13.03	1.71	14.75	29.50
Header - Corn	6R30"	240hp	26,494	300	8	0.170	2.60	4.62	1.12	2.91	11.27	1.86	12.49	25.63
Header - Corn	6R38"	240hp	28,826	300	8	0.134	2.05	3.65	0.96	2.30	8.98	1.59	9.86	20.44
Header - Corn	8R30"	240hp	37,056	300	8	0.127	1.95	3.46	1.18	2.18	8.79	1.95	9.36	20.11
Header - Corn	8R38"	275hp	39,218	300	8	0.100	1.54	3.14	0.98	1.96	7.64	1.63	8.40	17.68
Header - Corn	12R20"	275hp	50,541	300	8	0.127	1.95	3.97	1.61	2.48	10.02	2.66	10.63	23.32
Header - Corn	12R30"	275hp	56,310	300	8	0.085	1.30	2.65	1.19	1.65	6.80	1.97	7.08	15.87
Header - Rice (CL)	22' Rigid	240hp	18,405	300	8	0.288	4.41	7.83	1.32	4.94	18.52	2.19	21.15	41.87
Header - Rice (CL)	25' Rigid	240hp	19,975	300	8	0.253	3.88	6.89	1.26	4.35	16.40	2.09	18.62	37.11
Header - Rice (CL)	30' Rigid	275hp	22,582	300	8	0.211	3.23	6.58	1.19	4.11	15.13	1.97	17.61	34.71
Header - Rice (SL)	22' Rigid	240hp	18,405	300	8	0.250	3.82	6.79	1.15	4.28	16.05	1.89	18.33	36.28
Header - Rice (SL)	25' Rigid	240hp	19,975	300	8	0.220	3.36	5.97	1.09	3.77	14.21	1.81	16.13	32.16
Header - Rice (SL)	30' Rigid	275hp	22,582	300	8	0.183	2.80	5.70	1.03	3.56	13.11	1.70	15.26	30.08
Header - Soybean	15' Flex	240hp	0	300	8	0.170	2.60	4.62	0.00	2.91	10.15	0.00	12.49	22.64
Header - Soybean	18' Flex	240hp	18,790	300	8	0.141	2.17	3.85	0.66	2.43	9.12	1.09	10.40	20.63
Header - Soybean	22' Flex	240hp	19,841	300	8	0.116	1.77	3.15	0.57	1.99	7.49	0.95	8.51	16.96
Header - Soybean	25' Flex	275hp	22,061	300	8	0.102	1.56	3.18	0.56	1.98	7.29	0.92	8.50	16.73
Header - Soybean	30' Flex	275hp	25,201	300	8	0.085	1.30	2.65	0.53	1.65	6.14	0.88	7.08	14.11
Header Wheat/Sorghum	18' Rigid	240hp	16,014	300	8	0.141	2.17	3.85	0.56	2.43	9.02	0.93	10.40	20.37
Header Wheat/Sorghum	22' Rigid	240hp	16,985	300	8	0.116	1.77	3.15	0.49	1.99	7.41	0.81	8.51	16.74
Header Wheat/Sorghum	25' Rigid	240hp	18,045	300	8	0.102	1.56	2.77	0.46	1.75	6.55	0.76	7.49	14.80
Header Wheat/Sorghum	30' Rigid	275hp	20,494	300	8	0.085	1.30	2.65	0.43	1.65	6.04	0.71	7.08	13.85
Header-Cotton Bcast	13'	173hp	16,650	200	8	0.251	6.27	4.99	0.78	5.41	17.46	2.59	23.17	43.23
Header-Cotton Bcast	16'	173hp	18,900	200	8	0.204	5.09	4.05	0.72	4.40	14.27	2.39	18.82	35.49
Header-Cotton Bcast	19'	173hp	21,150	200	8	0.172	4.29	3.41	0.68	3.70	12.09	2.25	15.85	30.20
Header-Cotton-Brush	4R30"	173hp	20,520	200	8	0.327	8.15	6.48	1.25	7.04	22.94	4.15	30.12	57.22
Header-Cotton-Brush	4R30"2X1	173hp	0	200	8	0.218	5.43	4.32	0.00	4.69	14.45	0.00	20.08	34.53
Header-Cotton-Brush	4R38"	173hp	22,374	200	8	0.257	6.41	5.10	1.08	5.54	18.15	3.56	23.72	45.44
Header-Cotton-Brush	4R38"2X1	173hp	30,162	200	8	0.172	4.29	3.41	0.97	3.70	12.38	3.21	15.85	31.45
Header-Cotton-Brush	5R30"	173hp	29,148	200	8	0.261	6.52	5.19	1.43	5.63	18.77	4.72	24.10	47.60
Header-Cotton-Brush	5R38"	173hp	30,162	200	8	0.207	5.15	4.10	1.17	4.45	14.89	3.86	19.06	37.82
Header-Cotton-Brush	6R30"	173hp	35,767	200	8	0.218	5.43	4.32	1.46	4.69	15.91	4.83	20.08	40.83
Heavy Disk	14'	MFWD 150	13,699	180	10	0.145	1.40	2.47	0.55	0.42	4.85	1.28	2.78	8.93
Heavy Disk	21'	MFWD 170	27,526	180	10	0.097	0.93	1.87	0.74	0.31	3.86	1.72	2.17	7.77
Heavy Disk	27'	MFWD 190	31,664	180	10	0.075	0.72	1.62	0.66	0.27	3.29	1.54	1.86	6.70
LA Boom Sprayer	30 ft	MFWD 150	3,000	150	10	0.059	0.57	1.01	0.13	0.17	1.90	0.15	1.14	3.20
Land Plane	40'x10'	MFWD 190	6,020	200	10	0.242	2.32	5.22	0.29	0.87	8.71	0.84	5.97	15.53
Land Plane	50'x16'	MFWD 190	6,467	200	10	0.151	1.45	3.26	0.19	0.54	5.45	0.56	3.73	9.76
LARice Backhoe-Rrmnt	2 ft	MFWD 150	6,000	100	10	0.500	4.80	8.49	2.64	1.44	17.37	3.93	9.54	30.85
LARice Land Level	13 ft	MFWD 150	7,500	200	15	0.190	1.82	3.22	0.15	0.54	5.76	0.72	3.62	10.11
LARice Levee Plow	8 ft	4WD 300	4,600	150	10	0.050	0.48	1.69	0.07	0.23	2.48	0.20	1.60	4.29
LARice Water Level	24 ft	4WD 300	3,500	100	15	0.149	1.43	5.09	0.23	0.70	7.46	0.53	4.82	12.82
Levee Splitter (1/80	2 blade	2WD 150	3,570	50	10	0.004	0.04	0.07	0.00	0.01	0.12	0.03	0.07	0.22
Lo-Till & Bed	4R-38	MFWD 190	5,100	150	12	0.145	1.39	3.13	0.26	0.52	5.31	0.53	3.58	9.43
Middle Buster	6R-38	MFWD 150	9,423	160	8	0.120	1.15	2.04	0.26	0.34	3.80	0.91	2.29	7.01
Middle Buster	8R-30	MFWD 190	10,936	160	8	0.114	1.09	2.45	0.29	0.40	4.25	1.00	2.81	8.07
Middle Buster	8R-38	MFWD 190	10,936	160	8	0.090	0.86	1.94	0.23	0.32	3.36	0.79	2.22	6.38
Middle Buster	8R-40 2x1	MFWD 190	16,223	160	8	0.060	0.57	1.29	0.22	0.21	2.31	0.78	1.48	4.57
Middle Buster	10R-30	MFWD 225	12,764	160	8	0.091	0.87	2.32	0.27	0.37	3.85	0.93	2.57	7.36
Middle Buster	10R-38	MFWD 225	13,322	160	8	0.072	0							

Appendix Table 3. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre Louisiana, 2006

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---		Total Direct	--Fixed--		Total Cost
			dollars	hours	years	hr/ac			Imp.	P.U.	\$/acre	Imp.	P.U.	
Module Builder-1st	2R38*157hp	MFWD 190	33,265	200	10	0.519	9.97	11.18	4.32	1.86	27.34	9.71	12.79	49.85
Module Builder-1st	4R2x1260hp	MFWD 190	33,265	200	10	0.172	3.30	3.70	1.43	0.61	9.06	3.22	4.24	16.53
Module Builder-1st	4R30*255hp	MFWD 190	33,265	200	10	0.327	6.28	7.04	2.72	1.17	17.22	6.12	8.06	31.40
Module Builder-1st	4R30*325hp	MFWD 190	33,265	200	10	0.327	6.28	7.04	2.72	1.17	17.22	6.12	8.06	31.40
Module Builder-1st	4R38255	MFWD 190	33,265	200	10	0.257	4.94	5.54	2.14	0.92	13.56	4.81	6.34	24.73
Module Builder-1st	4R38325	MFWD 190	33,265	200	10	0.257	4.94	5.54	2.14	0.92	13.56	4.81	6.34	24.73
Module Builder-1st	5R30*255hp	MFWD 190	33,265	200	10	0.261	5.02	5.63	2.17	0.93	13.78	4.89	6.45	25.12
Module Builder-1st	5R38*255hp	MFWD 190	33,265	200	10	0.207	3.97	4.45	1.72	0.74	10.90	3.87	5.10	19.87
Module Builder-1st	6R30*325hp	MFWD 190	33,265	200	10	0.218	4.19	4.69	1.81	0.78	11.48	4.08	5.37	20.93
Module Builder-1st	6R38*325hp	MFWD 190	33,265	200	10	0.172	3.30	3.70	1.43	0.61	9.06	3.22	4.24	16.53
Module Builder-2nd	2R38*157hp	MFWD 190	33,265	200	10	0.440	8.45	9.47	3.66	1.57	23.16	8.22	10.84	42.23
Module Builder-2nd	4R2x1260hp	MFWD 190	33,265	200	10	0.145	2.80	3.14	1.21	0.52	7.67	2.72	3.59	14.00
Module Builder-2nd	4R30*255hp	MFWD 190	33,265	200	10	0.277	5.32	5.96	2.30	0.99	14.59	5.18	6.82	26.60
Module Builder-2nd	4R30*325hp	MFWD 190	33,265	200	10	0.277	5.32	5.96	2.30	0.99	14.59	5.18	6.82	26.60
Module Builder-2nd	4R38*255hp	MFWD 190	33,265	200	10	0.218	4.19	4.69	1.81	0.78	11.48	4.08	5.37	20.94
Module Builder-2nd	4R38*325hp	MFWD 190	33,265	200	10	0.218	4.19	4.69	1.81	0.78	11.48	4.08	5.37	20.94
Module Builder-2nd	5R30*255hp	MFWD 190	33,265	200	10	0.221	4.25	4.77	1.84	0.79	11.67	4.14	5.46	21.28
Module Builder-2nd	5R38*255hp	MFWD 190	33,265	200	10	0.175	3.36	3.77	1.45	0.62	9.23	3.28	4.32	16.83
Module Builder-2nd	6R30*325hp	MFWD 190	33,265	200	10	0.184	3.54	3.97	1.53	0.66	9.72	3.45	4.55	17.73
Module Builder-2nd	6R38*325hp	MFWD 190	33,265	200	10	0.145	2.80	3.14	1.21	0.52	7.67	2.72	3.59	14.00
Module Builder-Strip	13' Bcast	MFWD 150	33,265	200	10	0.251	4.83	4.27	2.09	0.72	11.93	4.70	4.80	21.45
Module Builder-Strip	16' Bcast	MFWD 150	33,265	200	10	0.204	3.92	3.47	1.70	0.59	9.69	3.82	3.90	17.42
Module Builder-Strip	19' Brush	MFWD 150	33,265	200	10	0.172	3.30	2.92	1.43	0.49	8.16	3.22	3.28	14.67
Module Builder-Strip	4R30*2X1Br	MFWD 150	33,265	200	10	0.218	4.19	3.70	1.81	0.63	10.34	4.08	4.16	18.59
Module Builder-Strip	4R30*Brush	MFWD 150	33,265	200	10	0.327	6.28	5.56	2.72	0.94	15.51	6.12	6.24	27.88
Module Builder-Strip	4R38*2X1Br	MFWD 150	33,265	200	10	0.172	3.30	2.92	1.43	0.49	8.16	3.22	3.28	14.67
Module Builder-Strip	4R38*Brush	MFWD 150	33,265	200	10	0.257	4.94	4.37	2.14	0.74	12.21	4.81	4.92	21.95
Module Builder-Strip	5R30*Brush	MFWD 150	33,265	200	10	0.261	5.02	4.44	2.17	0.75	12.41	4.89	4.99	22.30
Module Builder-Strip	5R38*Brush	MFWD 150	33,265	200	10	0.207	3.97	3.51	1.72	0.59	9.82	3.87	3.95	17.64
Module Builder-Strip	6R30*Brush	MFWD 150	33,265	200	10	0.218	4.19	3.70	1.81	0.63	10.34	4.08	4.16	18.59
Mulcher Plow	30'	MFWD 225	0	100	10	0.068	0.65	1.73	0.00	0.27	2.66	0.00	1.92	4.59
NT Grain Drill	12'	2WD 130	22,312	150	8	0.196	3.77	2.89	1.64	0.43	8.74	3.47	2.86	15.07
NT Grain Drill	15'	MFWD 150	31,852	150	8	0.157	3.01	2.66	1.87	0.45	8.01	3.96	2.99	14.98
NT Grain Drill	20'	MFWD 170	42,804	150	8	0.117	2.26	2.26	1.89	0.38	6.80	3.99	2.63	13.43
NT Grain Drill	24'	MFWD 190	56,974	150	8	0.098	1.88	2.11	2.09	0.35	6.44	4.43	2.41	13.29
NT Grain Drill	30'	MFWD 225	60,184	150	8	0.078	1.50	2.00	1.77	0.32	5.60	3.74	2.21	11.56
NT Grain Drill & Pre	12'	2WD 130	27,389	150	8	0.163	3.14	2.40	1.68	0.36	7.59	3.55	2.38	13.53
NT Grain Drill & Pre	15'	MFWD 150	36,929	150	8	0.130	2.51	2.22	1.81	0.37	6.93	3.82	2.49	13.25
NT Grain Drill & Pre	20'	MFWD 170	47,885	150	8	0.098	1.88	1.89	1.76	0.31	5.85	3.72	2.19	11.77
NT Grain Drill & Pre	24'	MFWD 190	62,051	150	8	0.081	1.57	1.76	1.90	0.29	5.53	4.02	2.01	11.56
NT Grain Drill & Pre	30'	MFWD 225	65,261	150	8	0.065	1.25	1.66	1.60	0.26	4.79	3.38	1.84	10.02
NT Plant&Pre-Folding	8R-38	MFWD 170	36,173	150	8	0.077	1.48	1.48	1.04	0.25	4.26	2.21	1.72	8.20
NT Plant&Pre-Folding	8R-38 2x1	MFWD 170	48,779	150	8	0.051	0.98	0.98	0.94	0.16	3.08	1.98	1.14	6.21
NT Plant&Pre-Folding	10R-30	MFWD 190	41,779	150	8	0.078	1.49	1.68	1.22	0.28	4.68	2.58	1.92	9.19
NT Plant&Pre-Folding	10R-38	MFWD 190	43,653	150	8	0.061	1.18	1.32	1.00	0.22	3.73	2.12	1.51	7.38
NT Plant&Pre-Folding	12R-20	MFWD 190	47,322	150	8	0.097	1.87	2.10	1.73	0.35	6.05	3.65	2.40	12.12
NT Plant&Pre-Folding	12R-30	MFWD 190	45,683	150	8	0.065	1.24	1.40	1.11	0.23	3.99	2.35	1.60	7.95
NT Plant&Pre-Folding	12R-38	MFWD 190	48,799	150	8	0.051	0.98	1.10	0.94	0.18	3.21	1.98	1.26	6.46
NT Plant&Pre-Folding	16R-30	MFWD 190	62,764	150	8	0.048	0.93	1.05	1.14	0.17	3.31	2.42	1.20	6.94
NT Plant&Pre-Folding	23R-15	MFWD 190	82,293	150	8	0.067	1.30	1.45	2.09	0.24	5.09	4.41	1.66	11.18
NT Plant&Pre-Folding	24R-20	MFWD 190	90,645	150	8	0.048	0.93	1.05	1.65	0.17	3.82	3.50	2.20	8.52
NT Plant&Pre-Folding	24R-30	MFWD 190	109,239	150	8	0.032	0.62	0.70	1.33	0.11	2.77	2.81	0.80	6.39
NT Plant&Pre-Rigid	4R-30	2WD 130	19,092	150	8	0.195	3.74	2.87	1.39	0.43	8.45	2.95	2.85	14.25
NT Plant&Pre-Rigid	4R-38	2WD 130	19,543	150	8	0.153	2.95	2.26	1.12	0.34	6.68	2.37	2.24	11.30
NT Plant&Pre-Rigid	6R-30	MFWD 150	24,639	150	8	0.130	2.49	2.21	1.20	0.37	6.29	2.53	2.48	11.31
NT Plant&Pre-Rigid	6R-38	MFWD 150	24,911	150	8	0.102	1.96	1.73	0.95	0.29	4.94	2.01	1.95	8.91
NT Plant&Pre-Rigid	8R-22	MFWD 170	26,219	150	8	0.132	2.55	2.55	1.30	0.43	6.84	2.75	2.97	12.57
NT Plant&Pre-Rigid	8R-30	MFWD 170	28,938	150	8	0.097	1.87	1.87	1.05	0.31	5.13	2.23	2.18	9.55
NT Plant&Pre-Rigid	8R-38	MFWD 170	28,980	150	8	0.077	1.48	1.48	0.83	0.25	4.05	1.77	1.72	7.55
NT Plant&Pre-Rigid	10R-30	MFWD 190	30,915	150	8	0.078	1.49	1.68	0.90	0.28	4.36	1.91	1.92	8.20
NT Plant&Pre-Rigid	12R-20	MFWD 190	34,792	150	8	0.097	1.87	2.10	1.27	0.35	5.59	2.68	2.40	10.69
NT Plant&Pre-Rigid	12R-30	MFWD 190	46,499	150	8	0.065	1.24	1.40	1.13	0.23	4.01	2.39	1.60	8.01
NT Plant-Folding	8R-38	MFWD 170	31,096	150	8	0.074	1.42	1.43	0.86	0.24	3.96	1.83	1.66	7.45
NT Plant-Folding	8R-38 2x1	MFWD 170	43,486	150	8	0.049	0.95	0.95	0.80	0.16	2.87	1.70	1.10	5.68
NT Plant-Folding	10R-30	MFWD 190	36,702	150	8	0.075	1.44	1.61	1.03	0.26	4.36	2.18	1.85	8.40
NT Plant-Folding	10R-38	MFWD 190	38,576	150	8	0.059	1.13	1.27	0.85	0.21	3.48	1.81	1.46	6.75
NT Plant-Folding	12R-20	MFWD 190	42,245	150	8	0.094	1.80	2.02	1.48	0.33	5.65	3.14	2.31	11.11
NT Plant-Folding	12R-30	MFWD 190	40,606	150	8	0.062	1.20	1.34	0.95	0.22	3.73	2.01	1.54	7.29
NT Plant-Folding	12R-38	MFWD 190	43,486	150	8	0.049	0.95	1.06	0.80	0.17	2.99	1.70	1.21	5.92
NT Plant-Folding	16R-30	MFWD 190	57,471	150	8	0.047	0.90	1.01	1.01	0.16	3.09	2.13	1.15	6.39
NT Plant-Folding	23R-15	MFWD 190	77,216	150	8	0.065	1.25	1.40	1.89	0.23	4.78	3.99	1.60	10.38
NT Plant-Folding	24R-20	MFWD 190	85,352	150	8	0.047	0.90	1.01	1.50	0.16	3.58	3.17	1.15	7.92
NT Plant-Folding	24R-30	MFWD 190	102,138	150	8	0.031	0.60	0.67	1.20	0.11	2.58	2.53	0.77	5.89
NT Plant-Rigid	4R-30	2WD 130	14,015	150	8	0.188	3.61	2.76	0.98	0.41	7.78	2.08	2.74	12.61
NT Plant-Rigid	4R-38	2WD 130	14,465	150	8	0.148	2.84	2.17	0.80	0.32	6.15	1.69	2.16	10.01
NT Plant-Rigid	6R-30	MFWD 150	19,562	150	8	0.125	2.40	2.12	0.91	0.36	5.81	1.94	2.39	10.15
NT Plant-Rigid	6R-38	MFWD 150	19,833	150	8	0.098	1.90	1.68	0.73	0.28	4.60	1.55	1.88	8.04
NT Plant-Rigid	8R-22	MFWD 170	21,142	150	8	0.127	2.45	2.46	1.01	0.41	6.34	2.14	2.86	11.35
NT Plant-Rigid	8R-30	MFWD 170	23,861	150	8	0.094	1.80	1.80	0.84	0.30	4.76	1.77	2.10	8.64
NT Plant-Rigid	8R-38	MFWD 170	23,903	150	8	0.074	1.42	1.43	0.66	0.24	3.76	1.40	1.66	6.83
NT Plant-Rigid	10R-30	MFWD 190	25,837	150	8	0.075	1.44	1.61	0.72	0.26	4.06	1.53	1.85	7.45
NT Plant-Rigid	12R-20	MFWD 190	29,714	150	8	0.094	1.80	2.02	1.04	0.33	5.21	2.21	2.31	9.74
NT Plant-Rigid	12R-30	MFWD 190	41,421	150	8	0.062	1.20	1.34	0.97	0.22	3.75	2.05		

Appendix Table 3. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre Louisiana, 2006

Item Name	Size	Power Unit	Purchase	Annual	Useful	Perf	Labor	Fuel	---R&M---		Total	--Fixed--		Total	
			Price	Use	Life	Rate			Imp.	P.U.		Direct	Imp.		P.U.
			dollars	hours	years	hr/ac	-----\$/acre-----								
Paratill & Bed	4R-30	MFWD 225	10,927	150	12	0.204	1.96	5.20	0.80	0.83	8.81	1.55	5.76	16.13	
Paratill & Bed	4R-38	MFWD 225	10,927	150	12	0.160	1.54	4.09	0.63	0.66	6.93	1.22	4.54	12.70	
Paratill & Bed	6R-30	MFWD 225	14,696	150	12	0.136	1.30	3.47	0.72	0.55	6.06	1.39	3.84	11.30	
Paratill & Bed	6R-38	MFWD 225	14,696	150	12	0.107	1.03	2.74	0.57	0.44	4.78	1.10	3.03	8.92	
Paratill & Bed	8R-30	MFWD 225	20,269	150	12	0.102	0.98	2.60	0.74	0.41	4.75	1.44	2.88	9.07	
Paratill & Bed	8R382X1	MFWD 225	40,891	150	12	0.053	0.51	1.37	0.79	0.22	2.90	1.53	1.51	5.95	
Paratill & Bed Fold.	8R-38	MFWD 225	30,552	150	12	0.080	0.77	2.05	0.89	0.33	4.05	1.71	2.27	8.05	
Paratill & Bed Fold.	12R-38	MFWD 225	40,891	150	12	0.053	0.51	1.37	0.79	0.22	2.90	1.53	1.51	5.95	
Paratill & Bed Rigid	8R-38	MFWD 225	30,552	150	12	0.080	0.77	2.05	0.89	0.33	4.05	1.71	2.27	8.05	
Pipe Drag	30'	2WD 150	500	100	12	0.051	0.49	0.87	0.00	0.13	1.51	0.02	0.87	2.41	
Pipe Spool 160ac	1/4m roll	2WD 130	2,550	15	12	0.003	0.09	0.04	0.00	0.00	0.14	0.05	0.04	0.24	
Pipe Trailer 1m/160a	30'	2WD 130	1,020	100	15	0.003	0.18	0.05	0.00	0.00	0.24	0.00	0.05	0.30	
Plant & Pre Folding	8R-38	MFWD 170	33,504	150	8	0.077	1.48	1.48	0.96	0.25	4.18	2.04	1.72	7.96	
Plant & Pre Folding	8R38 2x1	MFWD 170	45,719	150	8	0.051	0.98	0.98	0.88	0.16	3.02	1.86	1.14	6.03	
Plant & Pre Folding	10R-30	MFWD 190	38,488	150	8	0.078	1.49	1.68	1.12	0.28	4.58	2.38	1.92	8.89	
Plant & Pre Folding	10R-38	MFWD 190	40,362	150	8	0.061	1.18	1.32	0.93	0.22	3.66	1.96	1.51	7.14	
Plant & Pre Folding	12R-20	MFWD 190	44,262	150	8	0.097	1.87	2.10	1.62	0.35	5.94	3.42	2.40	11.77	
Plant & Pre Folding	12R-30	MFWD 190	42,623	150	8	0.065	1.24	1.40	1.04	0.23	3.92	2.19	1.60	7.72	
Plant & Pre Folding	12R-38	MFWD 190	45,719	150	8	0.051	0.98	1.10	0.88	0.18	3.15	1.86	1.26	6.28	
Plant & Pre Folding	16R-30	MFWD 190	58,681	150	8	0.048	0.93	1.05	1.07	0.17	3.23	2.26	1.20	6.70	
Plant & Pre Folding	23R-15	MFWD 190	74,420	150	8	0.067	1.30	1.45	1.89	0.24	4.89	3.99	1.66	10.56	
Plant & Pre Folding	24R-20	MFWD 190	82,528	150	8	0.048	0.93	1.05	1.51	0.17	3.67	3.19	1.20	8.06	
Plant & Pre Folding	24R-30	MFWD 190	101,122	150	8	0.032	0.62	0.70	1.23	0.11	2.67	2.60	0.80	6.08	
Plant & Pre Rigid	4R-30	2WD 130	17,752	150	8	0.195	3.74	2.87	1.29	0.43	8.35	2.74	2.85	13.95	
Plant & Pre Rigid	4R-38	2WD 130	18,203	150	8	0.153	2.95	2.26	1.04	0.34	6.60	2.21	2.24	11.06	
Plant & Pre Rigid	6R-30	MFWD 150	22,562	150	8	0.130	2.49	2.21	1.10	0.37	6.18	2.32	2.48	10.99	
Plant & Pre Rigid	6R-38	MFWD 150	22,834	150	8	0.102	1.97	1.74	0.87	0.29	4.89	1.85	1.96	8.71	
Plant & Pre Rigid	8R-22	MFWD 170	23,550	150	8	0.132	2.55	2.55	1.17	0.43	6.71	2.47	2.97	12.16	
Plant & Pre Rigid	8R-30	MFWD 170	26,268	150	8	0.097	1.87	1.87	0.96	0.31	5.03	2.03	2.18	9.24	
Plant & Pre Rigid	8R-38	MFWD 170	26,310	150	8	0.077	1.48	1.48	0.76	0.25	3.98	1.60	1.72	7.31	
Plant & Pre Rigid	10R-30	MFWD 190	27,623	150	8	0.078	1.49	1.68	0.80	0.28	4.26	1.70	1.92	7.90	
Plant & Pre Rigid	12R-20	MFWD 190	31,732	150	8	0.097	1.87	2.10	1.16	0.35	5.48	2.45	2.40	10.34	
Plant & Pre Rigid	12R-30	MFWD 190	46,439	150	8	0.065	1.24	1.40	1.13	0.23	4.01	2.39	1.60	8.01	
Plant - Folding	8R-38	MFWD 170	28,426	150	8	0.074	1.42	1.43	0.79	0.24	3.89	1.67	1.66	7.22	
Plant - Folding	8R-38 2x1	MFWD 170	40,426	150	8	0.049	0.95	0.95	0.75	0.16	2.81	1.58	1.10	5.50	
Plant - Folding	10R-30	MFWD 190	33,411	150	8	0.075	1.44	1.61	0.94	0.26	4.27	1.98	1.85	8.11	
Plant - Folding	10R-38	MFWD 190	35,285	150	8	0.059	1.13	1.27	0.78	0.21	3.41	1.65	1.46	6.53	
Plant - Folding	12R-20	MFWD 190	39,185	150	8	0.094	1.80	2.02	1.38	0.33	5.54	2.91	2.31	10.77	
Plant - Folding	12R-30	MFWD 190	37,546	150	8	0.062	1.20	1.34	0.88	0.22	3.65	1.86	1.54	7.06	
Plant - Folding	12R-38	MFWD 190	40,426	150	8	0.049	0.95	1.06	0.75	0.17	2.94	1.58	1.21	5.74	
Plant - Folding	16R-30	MFWD 190	53,389	150	8	0.047	0.90	1.01	0.94	0.16	3.02	1.98	1.15	6.16	
Plant - Folding	23R-15	MFWD 190	69,343	150	8	0.065	1.25	1.40	1.69	0.23	4.59	3.58	1.60	9.78	
Plant - Folding	24R-20	MFWD 190	77,235	150	8	0.047	0.90	1.01	1.36	0.16	3.44	2.87	1.15	7.47	
Plant - Folding	24R-30	MFWD 190	94,021	150	8	0.031	0.60	0.67	1.10	0.11	2.49	2.33	0.77	5.59	
Plant - Rigid	4R-30	2WD 130	12,675	150	8	0.188	3.61	2.76	0.89	0.41	7.68	1.88	2.74	12.31	
Plant - Rigid	4R-38	2WD 130	13,125	150	8	0.148	2.84	2.17	0.72	0.32	6.07	1.53	2.16	9.77	
Plant - Rigid	6R-30	MFWD 150	17,484	150	8	0.125	2.40	2.12	0.82	0.36	5.72	1.73	2.39	9.84	
Plant - Rigid	6R-38	MFWD 150	17,756	150	8	0.098	1.90	1.68	0.65	0.28	4.52	1.39	1.88	7.80	
Plant - Rigid	8R-22	MFWD 170	18,473	150	8	0.127	2.45	2.46	0.88	0.41	6.22	1.87	2.86	10.95	
Plant - Rigid	8R-30	MFWD 170	21,191	150	8	0.094	1.80	1.80	0.74	0.30	4.66	1.57	2.10	8.34	
Plant - Rigid	8R-38	MFWD 170	21,233	150	8	0.074	1.42	1.43	0.59	0.24	3.69	1.24	1.66	6.60	
Plant - Rigid	10R-30	MFWD 190	22,546	150	8	0.075	1.44	1.61	0.63	0.26	3.96	1.34	1.85	7.16	
Plant - Rigid	12R-20	MFWD 190	26,654	150	8	0.094	1.80	2.02	0.93	0.33	5.10	1.98	2.31	9.40	
Plant - Rigid	12R-30	MFWD 190	38,361	150	8	0.062	1.20	1.34	0.90	0.22	3.67	1.90	1.54	7.12	
Plant - Rigid	15R-15	2WD 150	29,483	150	8	0.094	1.80	1.59	1.03	0.23	4.68	2.19	1.58	8.45	
Pull Levee (1m/80a)	4 blade	2WD 50	3,180	100	10	0.003	0.03	0.02	0.00	0.00	0.05	0.01	0.01	0.08	
Rice Grain Cart	500 Bu	MFWD 190	14,594	200	12	0.288	2.76	6.20	1.14	1.03	11.15	2.20	7.10	20.45	
Rice Grain Cart	700 Bu	MFWD 190	18,680	200	12	0.253	2.43	5.46	1.28	0.91	10.09	2.47	6.25	18.82	
Roller	32'	MFWD 170	11,420	100	12	0.046	0.44	0.89	0.08	0.15	1.58	0.55	1.04	3.18	
Rotary Cutter	7'	MFWD 130	3,512	185	10	0.168	1.61	2.47	0.47	0.44	5.02	0.37	2.95	8.35	
Rotary Cutter	12'	2WD 150	7,747	185	10	0.098	0.94	1.66	0.61	0.25	3.47	0.47	1.65	5.60	
Rotary Cutter	15'	2WD 50	12,547	185	10	0.078	0.75	0.44	0.79	0.04	2.04	0.61	0.30	2.96	
Row Cond & Inc	13'	2WD 130	9,775	100	10	0.129	1.86	1.91	0.31	0.28	4.38	1.47	1.89	7.75	
Row Cond & Inc	21'	2WD 170	12,257	100	10	0.080	1.15	1.54	0.24	0.22	3.17	1.14	1.54	5.86	
Row Cond & Inc	27'	MFWD 190	20,198	100	10	0.062	0.90	1.34	0.31	0.22	2.78	1.46	1.53	5.79	
Row Cond & Inc	32'	MFWD 225	20,198	100	10	0.052	0.75	1.34	0.26	0.21	2.58	1.23	1.48	5.31	
Row Cond & Inc	42'	MFWD 225	20,400	100	10	0.040	0.57	1.02	0.20	0.16	1.97	0.95	1.13	4.05	
Row Cond (Harrow)	13'	2WD 130	4,698	100	10	0.114	1.10	1.69	0.13	0.25	3.18	0.62	1.67	5.48	
Row Cond (Harrow)	21'	2WD 170	7,180	100	10	0.071	0.68	1.36	0.12	0.19	2.37	0.59	1.36	4.33	
Row Cond (Harrow)	27'	MFWD 190	9,086	100	10	0.055	0.53	1.18	0.12	0.19	2.04	0.58	1.36	3.99	
Row Cond (Harrow)	32'	MFWD 225	14,905	100	10	0.046	0.44	1.18	0.17	0.19	2.00	0.80	1.31	4.12	
Row Cond (Harrow)	42'	MFWD 225	15,582	100	10	0.035	0.34	0.90	0.13	0.14	1.53	0.64	1.00	3.17	
Row Cond (Plant)	13'	2WD 130	4,698	100	10	0.157	1.50	2.31	0.18	0.34	4.35	0.85	2.29	7.50	
Row Cond (Plant)	21'	2WD 170	7,180	100	10	0.097	0.93	1.87	0.17	0.27	3.25	0.81	1.87	5.93	
Row Cond (Plant)	27'	MFWD 190	9,908	100	10	0.075	0.72	1.62	0.18	0.27	2.81	0.87	1.86	5.54	
Row Cond (Plant)	32'	MFWD 225	14,905	100	10	0.063	0.61	1.62	0.23	0.26	2.74	1.10	1.80	5.64	
Row Cond (Plant)	42'	MFWD 225	15,582	100	10	0.048	0.46	1.23	0.18	0.19	2.09	0.88	1.37	4.34	
RT Cult (Early)	8R-30	2WD 170	19,598	200	12	0.103	0.99	1.98	0.96	0.28	4.23	1.08	1.98	7.30	
RT Cult (Early)	12R-30	2WD 190	28,300	200	12	0.068	0.66	1.47	0.93	0.22	3.29	1.04	1.51	5.85	
RT Cult (Late)	8R-30	2WD 170	19,598	200	12	0.128	1.23	2.48	1.21	0.36	5.29	1.35	2.47	9.12	
RT Cult (Late)	12R-30	2WD 190	28,300	200	12	0.085	0.82	1.84	1.16	0.27	4.11	1.30	1.89	7.31	
RT Cult + PD (Early)	8R-30	2WD 150	24,675	200	12	0.103	1.48	1.75	1.21	0.26	4.71	1.36	1.73	7.81	
RT Cult + PD (Early)	12R-30	MFWD 225	33,377	200	12	0.068	0.99	1.75	1.09	0.28	4.12	1.23	1.94	7.29	
RT Cult + PD (Late)	8R-30	2WD 170	24,675	200	12	0.128	1.85	2.48	1.52	0.36					

Appendix Table 3. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre Louisiana, 2006

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---		Total Direct	--Fixed--		Total Cost
									Imp.	P.U.		Imp.	P.U.	
-----\$/acre-----														
SC Cane Planters Aid	6 ft	MFWD 150	4,500	20	20	1.000	9.60	16.98	8.43	2.89	37.91	19.67	19.08	76.67
SC Cane Plt-1R Bille	1 row	MFWD 150	22,000	150	20	0.670	6.43	11.38	3.68	1.93	23.43	8.59	12.79	44.81
SC Cane Plt-3R Bille	3 row	2WD 50	34,000	50	20	0.200	1.92	1.13	5.10	0.11	8.26	11.89	0.77	20.93
SC Cane Plt-Whlstalk	6 ft	MFWD 150	22,000	150	20	0.670	6.43	11.38	3.68	1.93	23.43	8.59	12.79	44.81
SC Cane Wagon 10T	10 Ton	MFWD 150	7,500	400	15	0.330	3.48	6.16	0.41	1.04	11.11	0.62	6.30	18.04
SC Cane Wgn Billt HD	10Ton	MFWD 150	25,000	400	9	0.330	3.48	6.16	3.43	1.04	14.13	2.82	6.30	23.26
SC Chisel Plow	13 ft	MFWD 190	6,000	200	6	0.219	2.10	4.72	0.96	0.78	8.59	1.26	5.41	15.27
SC Chisel Plow	23 ft	MFWD 190	12,000	200	6	0.120	1.15	2.58	0.49	0.43	4.65	1.38	2.95	8.99
SC Cultimulcher	12 ft	2WD 105	5,500	120	15	0.110	1.05	1.30	0.29	0.18	2.84	0.51	1.19	4.55
SC Cultivate + Post	6 Row	2WD 170	8,200	200	10	0.110	1.05	2.11	0.39	0.30	3.87	0.59	2.11	6.58
SC Cultivator	30" 6 Row	2WD 150	5,350	200	10	0.140	1.34	2.37	0.32	0.35	4.41	0.49	2.35	7.25
SC Disk	12 ft	2WD 50	8,500	200	10	0.149	1.43	0.84	0.56	0.08	2.93	0.83	0.57	4.35
SC Disk	20 ft	MFWD 190	17,500	200	10	0.100	0.96	2.15	0.77	0.35	4.24	1.14	2.46	7.84
SC Disk	26 ft	2WD 170	21,000	200	10	0.069	0.67	1.34	0.64	0.19	2.86	0.96	1.34	5.16
SC Disk + Pre	6 row	2WD 170	9,250	200	10	0.100	0.96	1.92	0.40	0.28	3.57	0.60	1.92	6.10
SC Double Hitch	DBLHTCH	2WD 50	0	1000	10	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SC Drain Cleaner	6 ft	MFWD 75	3,750	300	9	0.080	0.76	0.67	0.13	0.08	1.66	0.14	0.57	2.38
SC Fert 3Row Lq App	18 ft	MFWD 150	7,000	200	10	0.130	1.24	2.20	0.36	0.37	4.19	0.59	2.48	7.27
SC Fert DrySlingApp	42 ft	MFWD 150	6,500	150	10	0.059	0.57	1.01	0.22	0.17	1.99	0.34	1.14	3.48
SC Flat Roller	18 ft	MFWD 150	1,400	75	9	0.190	1.82	3.22	0.47	0.54	6.07	0.50	3.62	10.20
SC Hauling Hitch	6 ft	4WD 225	1,000	500	15	1.000	9.60	25.47	0.13	4.16	39.37	0.20	28.59	68.17
SC Land Plane	15 ft	MFWD 150	10,000	200	15	0.300	2.88	5.10	0.66	0.86	9.51	1.52	5.73	16.76
SC Rotary Ditcher	6 ft	MFWD 150	12,500	100	10	0.250	2.40	4.24	3.12	0.72	10.49	4.09	4.77	19.36
SC Rotary Hoe	18 ft	2WD 130	4,500	75	12	0.080	0.76	1.17	0.41	0.17	2.53	0.55	1.16	4.25
SC Rotary Mower	13.1 ft	MFWD 75	7,000	150	10	0.250	2.40	2.12	0.51	0.27	5.30	1.52	1.80	8.64
SC Rototiller	18 ft	MFWD 190	20,000	150	10	0.219	2.10	4.72	3.51	0.78	11.14	3.83	5.41	20.39
SC Tractor Blade	6 ft	2WD 105	3,500	100	15	1.000	9.60	11.89	0.86	1.65	24.00	3.55	10.90	38.46
SC Tractor Spreader	20 ft	2WD 105	700	150	10	0.110	1.05	1.30	0.04	0.18	2.59	0.06	1.19	3.85
SC Trailer Utility	10 ft	2WD 130	2,000	200	15	1.000	9.60	14.72	0.23	2.21	26.76	1.01	14.59	42.37
SCMechanical Planter	6 ft	MFWD 150	15,500	160	10	1.000	9.60	16.98	7.26	2.89	36.74	12.69	19.08	68.52
Spin Spreader	5 ton	MFWD 190	10,633	100	8	0.042	0.80	0.90	0.25	0.15	2.11	0.55	1.03	3.70
Spin Spreader	5 ton	MFWD 190	10,633	100	8	0.042	0.80	0.90	0.25	0.15	2.11	0.55	1.03	3.70
Spray (Band)	27'	MFWD 170	5,077	200	8	0.062	0.90	1.20	0.14	0.20	2.46	0.19	1.40	4.06
Spray (Band)	40'	MFWD 170	5,293	200	8	0.042	0.60	0.81	0.10	0.13	1.66	0.13	0.94	2.75
Spray (Band)	50'	MFWD 170	5,317	200	8	0.033	0.48	0.65	0.08	0.11	1.33	0.11	0.75	2.20
Spray (Band)	53'	MFWD 170	6,068	200	8	0.031	0.45	0.61	0.09	0.10	1.26	0.11	0.71	2.10
Spray (Band)	60'	MFWD 170	7,101	200	8	0.028	0.40	0.54	0.09	0.09	1.13	0.12	0.63	1.88
Spray (Boast/HB)	13' Rigid	MFWD 150	4,208	200	8	0.130	1.87	2.21	0.25	0.37	4.71	0.33	2.48	7.54
Spray (Boast/HB)	20' Rigid	2WD 50	4,951	200	8	0.084	1.21	0.47	0.19	0.04	1.94	0.25	0.32	2.52
Spray (Boast/HB)	27' Fold	MFWD 170	7,910	200	8	0.062	0.90	1.20	0.23	0.20	2.54	0.30	1.40	4.25
Spray (Boast/HB)	27' Rigid	MFWD 170	5,751	200	8	0.062	0.90	1.20	0.16	0.20	2.48	0.22	1.40	4.10
Spray (Boast/HB)	30' Fold	MFWD 170	10,436	200	8	0.056	0.81	1.08	0.27	0.18	2.35	0.36	1.26	3.98
Spray (Boast/HB)	40' Fold	MFWD 170	11,081	200	8	0.042	0.60	0.81	0.21	0.13	1.78	0.29	0.94	3.01
Spray (Boast/HB/HD)	27'	MFWD 170	16,389	200	8	0.062	0.90	1.20	0.48	0.20	2.79	0.63	1.40	4.83
Spray (Boast/HB/HD)	40'	MFWD 170	21,534	200	8	0.042	0.60	0.81	0.42	0.13	1.98	0.56	0.94	3.49
Spray (Broadcast)	27'	MFWD 170	5,077	200	8	0.062	0.90	1.20	0.14	0.20	2.46	0.19	1.40	4.06
Spray (Broadcast)	40'	MFWD 170	5,293	200	8	0.042	0.60	0.81	0.10	0.13	1.66	0.13	0.94	2.75
Spray (Broadcast)	50'	MFWD 170	5,317	200	8	0.033	0.48	0.65	0.08	0.11	1.33	0.11	0.75	2.20
Spray (Broadcast)	53'	MFWD 170	6,068	200	8	0.031	0.45	0.61	0.09	0.10	1.26	0.11	0.71	2.10
Spray (Broadcast)	60'	MFWD 170	7,101	200	8	0.028	0.40	0.54	0.09	0.09	1.13	0.12	0.63	1.88
Spray (Direct/Hood)	8R-30	MFWD 170	12,232	200	8	0.084	1.21	1.62	0.48	0.27	3.60	0.64	1.89	6.14
Spray (Direct/Hood)	8R-38	MFWD 170	14,752	200	8	0.066	0.96	1.28	0.46	0.21	2.93	0.61	1.49	5.03
Spray (Direct/Hood)	12R-30	MFWD 170	15,911	200	8	0.056	0.81	1.08	0.42	0.18	2.50	0.55	1.26	4.31
Spray (Direct/Hood)	12R-38	MFWD 170	16,124	200	8	0.044	0.64	0.85	0.33	0.14	1.98	0.44	0.99	3.42
Spray (Direct/Layby)	8R-30	MFWD 170	6,628	200	8	0.084	1.21	1.62	0.26	0.27	3.38	0.34	1.89	5.62
Spray (Direct/Layby)	8R-38	MFWD 170	6,672	200	8	0.066	0.96	1.28	0.20	0.21	2.67	0.27	1.49	4.44
Spray (Direct/Layby)	8R-38 2x1	MFWD 170	12,760	200	8	0.044	0.64	0.85	0.26	0.14	1.90	0.35	0.99	3.25
Spray (Direct/Layby)	10R-30	MFWD 170	7,038	200	8	0.067	0.97	1.30	0.22	0.22	2.72	0.29	1.51	4.52
Spray (Direct/Layby)	12R-30	MFWD 170	8,017	200	8	0.056	0.81	1.08	0.21	0.18	2.29	0.27	1.26	3.83
Spray (Direct/Layby)	12R-38	MFWD 170	12,760	200	8	0.044	0.64	0.85	0.26	0.14	1.90	0.35	0.99	3.25
Spray (Direct/Layby)	16R-20	MFWD 170	7,133	200	8	0.063	0.91	1.22	0.21	0.20	2.55	0.27	1.41	4.24
Spray (Spot)	27'	MFWD 170	5,077	200	8	0.062	0.90	1.20	0.14	0.20	2.46	0.19	1.40	4.06
Spray (Spot)	40'	MFWD 170	5,293	200	8	0.042	0.60	0.81	0.10	0.13	1.66	0.13	0.94	2.75
Spray (Spot)	50'	MFWD 170	5,317	200	8	0.033	0.48	0.65	0.08	0.11	1.33	0.11	0.75	2.20
Spray (Spot)	53'	MFWD 170	6,068	200	8	0.031	0.45	0.61	0.09	0.10	1.26	0.11	0.71	2.10
Spray (Spot)	60'	MFWD 170	7,101	200	8	0.028	0.40	0.54	0.09	0.09	1.13	0.12	0.63	1.88
Stalk Shredder	14'	MFWD 150	10,219	200	10	0.117	1.13	2.00	1.05	0.34	4.52	0.69	2.24	7.47
Stalk Shredder	20'	MFWD 150	20,541	200	10	0.082	0.79	1.40	1.48	0.23	3.91	0.98	1.57	6.47
Stalk Shredder-Flail	12'	MFWD 150	10,872	200	10	0.137	1.32	2.33	1.30	0.39	5.36	0.86	2.62	8.85
Stalk Shredder-Flail	20'	MFWD 150	16,446	200	10	0.082	0.79	1.40	1.18	0.23	3.61	0.78	1.57	5.98
Subsoiler	3 shank	MFWD 190	3,714	100	15	0.204	1.96	4.39	0.25	0.73	7.34	0.70	5.03	13.08
Subsoiler	4 shank	MFWD 225	5,052	100	15	0.153	1.47	3.91	0.25	0.63	6.27	0.72	4.33	11.33
Subsoiler	5 shank	MFWD 225	5,459	100	15	0.122	1.17	3.11	0.22	0.50	5.01	0.62	3.45	9.09
Subsoiler low-till	4 shank	MFWD 225	8,069	100	15	0.153	1.47	3.91	0.41	0.63	6.43	1.15	4.33	11.92
Subsoiler low-till	6 shank	MFWD 225	11,170	100	15	0.102	0.98	2.60	0.38	0.41	4.38	1.06	2.88	8.33
Subsoiler low-till	8 shank	MFWD 225	15,366	100	15	0.076	0.73	1.94	0.39	0.31	3.39	1.09	2.15	6.64
TerraTill Bed w/roll	4R-38	MFWD 225	9,370	150	12	0.160	1.54	4.09	0.54	0.66	6.84	1.05	4.54	12.44
TerraTill Bed w/roll	6R-38	MFWD 225	12,613	150	12	0.107	1.03	2.74	0.48	0.44	4.70	0.94	3.03	8.68
TerraTill Bed w/roll	4R30	MFWD 225	9,370	150	12	0.204	1.96	5.20	0.69	0.83	8.69	1.33	5.76	15.79
TerraTill Bed w/roll	6R30	MFWD 225	12,613	150	12	0.136	1.30	3.47	0.62	0.55	5.95	1.19	3.84	10.99
Utility Trailer	30 ft	2WD 105	2,500	200	15	1.000	9.60	11.89	0.29	1.65	23.43	1.26	10.90	35.60

Notes:  
 Labor: Includes labor from Power unit plus additional labor from the implement.  
 Total Direct: Does not include interest on operating capital.

Appendix Table 4. Operating Inputs: estimated Prices, Louisiana, 2006.

ITEM NAME	UNIT	PRICE (dollars)	ITEM NAME	UNIT	PRICE (dollars)
ADJUVANTS			LA Phosphate	lb	0.28
Crop Oil ( Seed Oil)	pt	1.68	LA Potash	lb	0.16
Crop Oil (Petroleum)	pt	0.77	Phosphorus(46% P2O5)	cwt	14.00
Surfactant	pt	1.57	Potash (60% K2O)	cwt	13.00
CUSTOM FERT/LIME			Sulfur	lb	0.21
App Fert by Air	cwt	5.00	UAN (32% N)	cwt	11.00
App Fert by Air(Min)	appl	5.00	UAN + Sulfur (28% N)	cwt	12.00
Custom Apply Fert	acre	5.00	Urea, Solid (46% N)	cwt	17.00
Custom Spread(Truc	appl	4.50	Zinc	lb	0.24
Lime (Spread)	ton	26.00	FUNGICIDES		
CUSTOM HARVEST/HAUL			Apron Maxx RTA	oz	0.75
Custom Combine Rice	acre	0.00	Apron XL	oz	9.04
Harvest/Haul Cotton	lb	0.08	Apron XL LS	oz	6.12
Haul Corn	bu	0.16	Benlate 50 WP	lb	15.95
Haul Rice	bu	0.10	Captan 4L	pt	2.83
Haul Sorghum	bu	0.16	Captan 50 WP	lb	3.02
Haul Soybeans	bu	0.16	Cruiser 5FS	oz	10.86
Haul Wheat	bu	0.14	Delta Coat AD	oz	3.75
LARice Haul	cwt	0.25	Dithane F-45	qt	3.60
CUSTOM PLANT			Dithane Rainsheild	pt	2.67
Custom Spread + Seed	appl	0.00	Fungicide	lb	2.33
LARice Air Plant NE	cwt	5.50	Gem 25 WG	oz	3.33
LARice Air Plant SW	cwt	5.60	Manzate 75 DF	lb	2.50
LARice GPS Charge-SW	acre	0.35	Manzate Flowable	pt	1.65
LARice GPS Charge_NE	acre	0.25	Moncut 70 DF	lb	25.58
Plant by Air	cwt	0.00	Orbit	oz	2.74
CUSTOM SPRAY			Prevail	lb	26.43
App 2,4-D Helicopter	appl	0.00	Quadris	oz	2.23
App by Air ( 1 gal)	appl	0.00	Ridomil GoldPC 10G	lb	5.58
App by Air ( 2 gal)	appl	2.80	Ridomil Gold PC	lb	1.86
App by Air ( 3 gal)	appl	3.25	Ridomil Gold PC Liq	oz	0.00
App by Air ( 5 gal)	appl	4.50	Rovral 4F	pt	18.93
App by Air (10 gal)	appl	6.00	Rovral WG	lb	0.00
App Furadan by Air	appl	0.00	Shelter	oz	8.50
App Ordram by Air	appl	0.00	Stiletto	oz	0.52
Custom Apply	acre	4.00	Stratego	pt	18.46
Custom Terragator	acre	5.00	Terrachlor Flowable	pt	4.74
Spray Levees, 4whlr	acre	0.00	Terraclor 2EC	pt	1.93
FERTILIZERS			Terraclor Super X EC	pt	3.80
Amm Nitrate (34% N)	cwt	13.00	Terraclor Super X G	lb	2.33
Amm Sulfate (21% N)	cwt	11.00	Tilt 3.6 EC	oz	2.67
Anhy Ammonia (82% N)	cwt	15.00	Vitavax 200	oz	0.43
Boron (Solubor)	lb	0.66	Vitavax M Flowable	oz	1.06
DAP	cwt	15.00	Vitavax RTU-Thiram	oz	0.35
Fert 0-20-20	cwt	0.00	Vitavax T-L	oz	0.28
Fert 10-10-10	cwt	0.00	GIN/DRY		
Fert 10-34-0	cwt	15.00	Dry Corn	bu	0.19
Fert 10-34-0	gal	0.00	Dry Grain Sorghum	cwt	0.25
Fert 13-13-13	cwt	0.00	Dry Rice	bu	0.40
Fert 41-0-0-4	cwt	19.00	Gin	lb	0.08
Fert 5-20-20	cwt	0.00	LARice Dry	cwt	0.90
LA Nitrogen	lb	0.40			

Appendix Table 4. Operating Inputs: estimated Prices, Louisiana, 2006.

ITEM NAME	UNIT	PRICE (dollars)	ITEM NAME	UNIT	PRICE (dollars)
GROWTH REGULATORS			Blazer 2L	pt	0.00
Early Harvest PGR	oz	1.55	Blazer Ultra	pt	8.69
LA Polado	oz	0.38	Boa	pt	3.63
Mepex	oz	0.48	Bolero 8EC	pt	4.66
PGR IV	oz	1.63	Boundary	pt	9.75
Pix Plus	oz	0.55	Buctril 4EC	pt	14.27
Pix Ultra	oz	0.79	Butoxone 175(2,4-DB)	pt	2.74
HARVEST AIDS			Butoxone 200(2,4-DB)	pt	3.99
Accelerate	pt	2.88	Butyrac 175 (2,4-DB)	pt	2.59
Ammonium Sulfate	lb	0.11	Butyrac 200 (2,4-DB)	pt	3.73
Boll'd	pt	7.01	Canopy 75%	oz	5.65
CottonQuik	pt	3.63	Canopy XL	oz	2.44
Def 6	pt	6.48	Caparol 4L	pt	3.65
Def/Folex	pt	5.75	Caparol Accu-Pak	lb	0.00
Dropp 50 WP	lb	60.41	Celebrity Plus	lb	81.53
Dropp SC	oz	3.96	Clarity	pt	11.41
Ethephon 6E	pt	6.81	Classic	oz	12.65
Finish 6	pt	9.27	Clincher EC	oz	1.70
Folex 6EC	pt	5.01	Cobra 2EC	oz	1.09
Ginstar EC	pt	27.79	Command 3ME	pt	11.23
Gramoxone Extra	pt	0.00	Command XTRA	pt	0.00
Gramoxone Max	pt	4.65	Conclude Ultra	pt	0.00
Harvade 5F	oz	0.70	Conclude Ultra	pt	0.00
Leafless	pt	16.16	Conclude XACT	pt	7.38
Prep	pt	6.50	Conclude XTRA	pt	8.32
Sodium Chlorate 3L	gal	3.00	Cornerstone	pt	2.06
Solium Chlorate 6L	gal	4.35	Cotoran 4L	pt	4.60
Starfire	pt	0.00	Cotoran DF	lb	7.34
HERBICIDES			Cotton Pro Flowable	pt	3.34
2,4-D Amine 4	pt	1.59	Crossbow	pt	6.44
2,4-D Ester	pt	1.85	Cy-Pro 4L	qt	0.00
AAtrex 4L	pt	1.44	Cypro 90DF	lb	0.00
AAtrex NINE-O	lb	2.46	Delta Goal	pt	9.44
Accent Gold	oz	7.68	Denim 0.16 EC	pt	24.06
Accent SP	oz	32.35	Detail	pt	7.99
Aim	oz	5.55	Direx 4L	pt	2.23
Aim 2EC	oz	5.55	Direx 80 DF	lb	3.94
Aim DF	oz	8.06	Diuron 4L	pt	2.30
Arrosolo	qt	7.64	Diuron 80 DF	lb	3.61
Assure II	oz	1.02	Domain 60DF	lb	12.61
Atrazine 4L	pt	1.29	DSMA 4	pt	0.84
Atrazine 90DF	lb	2.37	Dual 8E	pt	0.00
Authority 75DF	lb	26.40	Dual II Magnum	pt	13.12
Axiom 68DF	lb	18.47	Dual Magnum	pt	12.56
Backdraft	pt	2.32	Duet	pt	3.37
Banvel	pt	9.37	Evik DF 80W	lb	6.30
Basagran	pt	10.03	Exceed	oz	10.94
Basis Gold	lb	19.85	Exceed Custom Pak	oz	11.50
Beacon 75% WSP	oz	26.32	Expert	pt	3.83
Beyond	oz	4.06	Facet 75DF	lb	49.54
Bicep II	pt	10.58	First Rate	oz	26.45
Bicep II Magnum	qt	10.32	Flexstar HL	pt	12.58
Bladex 4L	qt	7.80	FloMet 4L	pt	4.72
Bladex 90DF	lb	0.00	Freedom	qt	2.51

Appendix Table 4. Operating Inputs: estimated Prices, Louisiana, 2006.

ITEM NAME	UNIT	PRICE (dollars)	ITEM NAME	UNIT	PRICE (dollars)
Front Row	oz	21.92	Roundup Original	pt	3.16
Frontier 6.0	oz	0.65	Roundup Original Max	pt	3.77
Fultime	pt	3.77	Roundup Ultra MAX	pt	5.87
Fusilade DX	oz	1.08	Roundup Ultra 4SL	pt	5.73
Fusion	pt	19.68	Roundup Ultra Dry	lb	8.43
Glyphos	pt	2.25	Roundup WeatherMax	oz	0.41
Glyphomax	pt	3.18	Scepter 70 DG	oz	2.53
Glyphosate Plus 4L	pt	2.29	Select 2EC	oz	1.51
Glystar Plus	pt	2.40	Sencor 4F	pt	12.95
Goal 2XL	pt	11.23	Sencor DF	lb	20.68
Gramoxone Extra	pt	0.00	Squadron CE	pt	4.55
Gramoxone Max	pt	4.65	Stam 4E	qt	5.18
Gramoxone Max	pt	4.65	Stam 80 EDF	lb	4.30
Grandstand R	qt	21.08	Staple 85%	oz	18.13
Guardsman	pt	4.66	Staple Plus	oz	9.35
Guardsman Max	pt	4.95	Steadfast	oz	21.51
Harmony Extra	oz	12.48	Steel	pt	2.93
Hoelon 3EC	pt	8.60	Storm	pt	10.52
Karmex DF	lb	4.20	Strongarm	oz	42.81
LA Asulox	gal	47.75	Superwham	qt	6.03
LA Weedmaster	gal	24.79	Suprend	lb	9.68
Lariat	qt	5.19	Surpass 20G	lb	2.32
Lasso 4EC	qt	3.05	Surpass EC	qt	18.88
Lasso II 15G	lb	0.00	Touchdown	qt	9.32
Layby Pro	qt	9.32	Touchdown 4 IQ	pt	3.06
Lexone 75DF	lb	18.90	Touchdown 5	qt	9.60
Liberty	pt	8.28	Treflan HFP	pt	2.87
Lightning	oz	11.40	Treflan TR-10	lb	0.89
Lightning	oz	11.40	Tri-Scept	pt	5.24
Linex 4L	pt	6.53	Trifluralin 4EC	pt	2.01
Londax 60DF	oz	14.95	Trilin 10G	lb	0.79
Lorox 50DF	lb	14.65	Trilin 4EC	pt	2.12
Matador	pt	0.00	Typhoon	qt	13.06
MSMA 6.6	pt	2.03	Valor WP	oz	4.34
MSMA6 + Surfactant	pt	2.03	Whip 360	pt	23.83
Newpath 2SL	oz	3.99	Zorial Rapid 80DF	lb	14.08
Ordram 15-G	lb	1.13	INSECTICIDES		
Ordram 8-E	pt	7.18	Acephate 80SP	lb	0.00
Outlook	pt	17.98	Acephate 90SP	lb	9.04
Pendimax 3.3	pt	2.49	Admire 2 Flowable	oz	4.71
Permit 75DF	oz	16.38	Ammo 2.5 EC	oz	1.05
Poast 1.53	pt	8.38	Asana .66 XL	oz	0.71
Poast Plus	pt	6.35	Aztec 2.1% G	lb	2.57
Propanil 4E	qt	5.15	Baythroid 2	oz	2.70
Prowl 3.3 EC	pt	2.63	Bidrin 8L	oz	0.71
Pursuit DG	oz	11.49	Capture 2EC	oz	2.91
Pursuit Plus EC	pt	6.34	Carbamate	oz	0.00
Python WDG	oz	9.82	Centric 40WG	oz	4.71
Raptor	oz	4.08	Comite	pt	10.52
Reflex 2LC	pt	11.40	Condor XL	pt	0.00
Regiment 80WP	oz	36.18	Confirm 2F	oz	1.50
Remedy	pt	11.66	Counter 15G	lb	2.30
Resource .86EC	pt	20.48	Counter CR	lb	2.82
Ricestar	pt	21.12	Curacron 8E	pt	8.50

Appendix Table 4. Operating Inputs: estimated Prices, Louisiana, 2006.

ITEM NAME	UNIT	PRICE (dollars)	ITEM NAME	UNIT	PRICE (dollars)
Decis 1.5EC	oz	2.81	Vydate C-LV	oz	0.55
Declare	pt	3.56	Warrior T	oz	2.14
Denim 0.16EC	pt	24.06	Warrior Z	oz	2.04
Di-Syston 15G	lb	2.49	IRRIGATION SUPPLIES		
Di-Syston 8	pt	11.93	Rice Gates	each	3.65
Dimethoate 4E	pt	4.42	Roll-Out Pipe	ft	0.21
Dimilin 2L	oz	1.66	OVERHEAD		
Dipel DF	lb	9.94	Farmstead & Drainage	Dol	1.00
Dipel ES	pt	4.47	LA Insurance	Dollar	1.00
Force 3G	lb	4.43	LA Misc. Overhd	dollar	1.00
Furadan 3G	lb	0.00	LA Property Tax	dollar	1.00
Furadan 4F	pt	9.66	Shops Bldg & Equip.	Dol	6.55
Fury 1.5 EC	oz	1.30	Utilities	Dol	1.00
Gaicho 480	oz	9.47	SEED/PLANTS		
Intrepid 2F	oz	1.83	Corn Seed Bt	thous	1.63
Intruder 70WP	oz	8.25	Corn Seed BtRR	thous	1.84
Karate Z	oz	3.02	Corn Seed Conv.	thous	1.38
Lannate LV	pt	6.90	Corn Seed RR	thous	1.63
Lannate SP	oz	1.31	Cotton Seed Bt	thoud	0.28
Larvin 3.2	oz	0.48	Cotton Seed BtRR	thous	0.36
Leverage 2.7	oz	3.04	Cotton Seed Bxn	thous	0.00
Lorsban 15G	lb	1.75	Cotton Seed Conv.	thous	0.19
Lorsban 4E	pt	4.49	Cotton Seed Liberty	thous	0.62
Malathion 57EC	pt	3.21	Cotton Seed RR	thous	0.35
Malathion 8E	pt	3.93	Cotton Seed RR	thous	0.35
Malathion ULV	pt	3.90	Rice Clearfield 161	lb	0.47
Mepichlor 4.2% Liq	pt	7.80	Rice Clearfield XL8	lb	2.92
Methyl Parathion	pt	3.51	Rice Seed (Levees)	lb	0.21
Monitor 4	pt	10.66	Rice Seed Cl(Levees)	lb	0.47
Monitor 4	pt	10.66	Rice Seed Conv.	lb	0.21
Mustang Max	oz	1.60	Rice Seed Hybrid	lb	3.04
Organophosphate	oz	0.00	SC Cultured seedcane	acre	484.00
Orthene 90S	lb	10.57	Sorghum Concept	lb	1.38
Orthene 97	lb	12.85	Sorghum NonConcept	lb	1.18
Ovasyn	pt	0.00	Soybean Seed Private	lb	0.40
Ovicide	oz	0.00	Soybean Seed Public	lb	0.00
Penncap M	pt	3.46	Soybean Seed RR	lb	0.64
Phaser 3E	qt	8.13	Wheat Seed Private	lb	0.20
Pirate 3SC	oz	0.00	Wheat Seed Public	lb	0.00
Pounce 25WP	lb	10.68	SERVICE FEE		
Pounce 3.2 EC	oz	0.91	Cotton storage	bale	25.00
Provado 1.6F	oz	3.72	Crop Consultant	acre	9.00
Scout X-TRA	oz	0.00	Insect Scouting	acre	9.00
Sevin 80S	lb	5.34	Module Hauling	bale	5.00
Sevin XLR Plus	qt	7.51	Rice Consultant	acre	7.00
Spintor 2SC	oz	4.36	SC Treating Charge	acre	0.00
Steward	pt	22.15	Survey & Mark Levees	acre	4.00
Synthetic Pyrethroid	oz	0.00	Survey & Mark Levees	acre	3.50
Temik 15G Grit	lb	3.64	TECHNOLOGY FEE		
Thimet 20-G	lb	2.50	BG Cot Tech Fee	thous	0.57
Thionex 3EC	pt	4.05	BG Cot Tech Fee	cap/ac	20.00
Thionex 50W	lb	7.88	BG II Cot Tech Fee	thous	0.71
Tracer	oz	6.19	BG II Cot Tech Fee	cap/ac	40.00
Trimax	oz	5.31	BG II/RR Tech Fee	thous	1.25

Appendix Table 4. Operating Inputs: estimated Prices, Louisiana, 2006.

ITEM NAME	UNIT	PRICE (dollars)	ITEM NAME	UNIT	PRICE (dollars)
BG II/RR Tech Fee	cap/ac	55.00	Eradication Fee	acre	6.00
BG/RR Cot Tech Fee	thous	1.03	RR Cotton Tech Fee	thous	0.60
BG/RR Cot Tech Fee	cap/ac	48.00	RR Cotton Tech Fee	cap/ac	28.00