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**2005  
Projected  
Commodity  
Costs  
And  
Returns**

**Cotton, Soybeans, Corn, Milo  
and Wheat Production  
in Northeast Louisiana**

**Kenneth W. Paxton**



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**PROJECTED COSTS AND RETURNS - COTTON, SOYBEANS, CORN,  
MILO AND WHEAT, NORTHEAST LOUISIANA, 2005**

by

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# PROJECTED COSTS AND RETURNS - COTTON, SOYBEANS, CORN, MILO AND WHEAT, NORTHEAST LOUISIANA, 2005

by

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

## INTRODUCTION

Basic data for the budgets is updated periodically utilizing information collected in detailed producer surveys. These surveys are updated annually to reflect current production practices. Most of the basic data in this report is based on a 1995 state-wide survey of production practices conducted in conjunction with data collection for objective yields. These surveys were collected by the Louisiana Agricultural Statistical Service. In addition to survey data, results of research experiments may be used to develop enterprise budgets. The budgets presented here are intended for planning purposes. Individuals utilizing these budgets should modify them to reflect data for their own operation.

## 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 choose to rent out the land rather than produce the enterprise.

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## Cotton Budgets

This report presents cotton budgets showing projected costs and returns for 2005 for the alluvial soil areas of northeast Louisiana and the Macon Ridge. Budgets are included for cotton production on sandy soils using conventional tillage practices. Cotton budgets are also included for reduced tillage systems on both sandy and clay soils. While some attempt has been made to include representative tillage systems, it was not possible to include all types of tillage systems found on cotton farms. Similarly, most budgets presented here assume a continuous cropping pattern. No attempt has been made to account for rotational effects in budgets included in this report.

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

## Production Technology

The basic production technology utilized in the cotton budgets in this publication was that existing at the time of the 1995 survey of producers. A considerable amount of change has occurred in cotton production technology since that time. An attempt has been made to incorporate these changes in the budget projections. In particular, budgets for Bt, Roundup Ready, and stacked gene cotton have been included in projections for 2005. Data for the budgets were collected from preliminary research results and limited field observations from actual producer experience. The budgets presented should provide a guide for producers in developing budgets for individual operations.

## Irrigation Costs

Irrigation costs shown in the cotton budget are based on a poly-pipe irrigation system. A 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.

Table 1. Estimated costs per Acre  
 Poly pipe irrigation system, 160 acres  
 applying 10.5 inches in three applications, Louisiana, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.14	33.0000	4.62	_____
LA Hired Labor					
Implements	hour	9.60	0.0062	0.06	_____
Tractors	hour	9.60	0.2930	2.81	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.1500	1.44	_____
DIESEL FUEL					
Tractors	gal	1.45	2.8274	4.10	_____
Engine, RPF, 75	gal	1.45	8.5535	12.39	_____
REPAIR & MAINTENANCE					
Implements	Acre	0.36	1.0000	0.36	_____
Tractors	Acre	0.98	1.0000	0.98	_____
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	0.95	1.0000	0.95	_____
TOTAL DIRECT EXPENSES				31.40	_____
FIXED EXPENSES					
Implements	Acre	1.09	1.0000	1.09	_____
Tractors	Acre	6.68	1.0000	6.68	_____
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	_____
TOTAL FIXED EXPENSES				41.77	_____
TOTAL SPECIFIED EXPENSES				73.17	_____

Table 2. Estimated costs per Acre  
 Center pivot irrigation system, 1/4 mile  
 applying 7.5 inches in three applications Louisiana, 2005

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	1.45	11.2011	16.24	_____
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	1.01	1.0000	1.01	_____
TOTAL DIRECT EXPENSES				29.79	_____
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				71.03	_____

### 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 2005. Insecticide programs have been modified to account for BWE program applications.

### Cotton Harvesting

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

Other components of the harvest equipment is assumed to include a module builder and boll buggy. All harvested cotton is assumed to be placed in modules with the boll buggy used to facilitate the transfer of seedcotton from the picker to the module builder. The cost of hauling the module is based on a custom charge of a flat fee plus a mileage rate. If rebates or other incentives are available, individual budgets may be adjusted to reflect the level of the incentive.

### Soybean Budgets

Budgets showing projected costs and returns for 2005 are presented for the alluvial soil area for two soil types (sandy and clay) and one equipment size (8-row). Soybean budgets for the Macon Ridge area are presented for silty soil type with 8-row equipment. Equipment size designations are generally based on a 38 inch row width. Many soybean producers employ production techniques which utilize a row spacing of less than 38 inches. However, the 38 inch spacing was the dominant spacing on the survey farms. One budget is presented for drill planted soybeans and one for double-crop soybeans. In addition, one budget is presented for producing Roundup Ready ® soybeans. One budget is also presented for 12-row equipment with a 20-inch row spacing.

Soybean production technology is evolving rapidly. One area of production technology receiving considerable attention from producers is the area of herbicide resistant varieties. The

percentage of acreage planted to these varieties is estimated to be very high for 2005. Data for the Roundup Ready ® soybeans included in this publication were taken from a variety of sources, including producers and university scientists. The budgets shown here are intended for planning purposes only. Individual producers should be able to use these budgets to develop enterprise budgets for their specific situation.

### Corn, Milo and Wheat Budgets

A budget showing projected costs and returns for 2005 corn in the alluvial soil areas is presented for sandy soil with 8-row equipment. Following this budget is a table showing the operations and associated costs for each operation. Projected costs and returns for milo are shown followed by a table showing the operations and associated costs. A budget showing projected costs for 2005 are presented for drill planted wheat with 8-row equipment.

### SUMMARY

Tables 3 through 8 present summaries of projected costs and returns and breakeven prices for cotton, soybeans, corn, milo, and wheat respectively. A summary of projected costs and returns for cotton production situations included in this report is presented in Table 3. Cotton production costs for 2005 include the use of a module builder for a portion of the cotton harvested. A mandatory checkoff charge of \$2.25 per bale was added to the 2005 cotton budgets. This charge was based on a flat charge of one dollar per bale plus 0.5 percent of the value of a 480 pound bale. A summary of breakeven selling prices necessary to recover direct expenses as well as total costs are shown in Table 4. Breakeven selling prices are shown for five yield levels.

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

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

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

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

TABLE 3. A summary of projected costs and returns per acre for Cotton production, Alluvial Soil and Macon Ridge Areas, Louisiana, 2005.<sup>a</sup>

Crop Description	Yield Per Acre <sup>b</sup>	Unit	Returns				Returns	
			Total Income	Total Direct Expenses	Above Direct Expenses	Total Fixed Expenses	Total Specified Expenses <sup>c</sup>	Above Specified Expenses
.....Dollars per unit.....								
Alluvial Soil Area								
Cotton, 8-row, Conventional	850	lbs. of Lint	496.01	434.90	61.11	108.80	543.70	-47.69
Cotton, 8-row, BG/RR	850	lbs. of Lint	496.01	443.36	52.65	93.92	537.28	-41.27
Cotton, 8-row, Clay Soil (RR)	850	lbs. of Lint	496.01	428.25	67.76	91.54	519.79	-23.78
Cotton, 12-row, BG/RR	850	lbs. of Lint	496.01	421.91	74.10	84.25	506.16	-10.15
Macon Ridge Area								
Cotton, 8-row, solid	750	lbs. of Lint	437.66	441.54	-3.88	92.81	534.35	-96.69
Cotton, 8-row, solid, (tenant) <sup>d</sup>	750	lbs. of Lint	348.71	423.39	-74.68	93.95	517.34	-168.63
Cotton, 8-row, solid (irr.)	900	lbs. of Lint	525.16	482.92	42.24	134.25	617.17	-92.01

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

<sup>b</sup> Cottonseed yield is equal to 1.55 x yield of lint.

<sup>c</sup> Farm overhead for owner-operators and tenants and land charges for owner-operators are not included in total specified expenses.

<sup>d</sup> Income for tenant-operators based on 80 percent of yield, or a one-fifth crop share.

Table 4. Breakeven selling prices for Cotton for selected yield levels, Alluvial Soils and Macon Ridge Areas, Louisiana, 2005.

Crop Description	Base		Yield Levels				
	Yield	Unit	-20%	-10%	Base	+10%	+20%
-----Dollars per unit -----							
Price required to recover total specified expenses <sup>a</sup>							
Alluvial Soils							
Cotton, 8-row, Conventional	850	lbs. of Lint	0.71	0.63	0.57	0.52	0.47
Cotton, 8-row, BG/RR	850	lbs. of Lint	0.70	0.62	0.56	0.51	0.47
Cotton, 8-row, RR	850	lbs. of Lint	0.67	0.60	0.54	0.49	0.45
Cotton, 12 row, BG/RR	850	lbs. of Lint	0.65	0.58	0.52	0.48	0.44
Macon Ridge							
Cotton, 8-row, solid	750	lbs. of Lint	0.81	0.72	0.65	0.59	0.54
Cotton, 8-row, solid, (tenant) <sup>b</sup>	750	lbs. of Lint	0.98	0.88	0.79	0.72	0.66
Cotton, 8-row, solid, (irrigated) 900	lbs. of Lint	0.55	0.76	0.68	0.61	0.56	0.51
Prices required to recover Direct Expenses							
Alluvial Soils							
Cotton, 8-row, Conventional	850	lbs. of Lint	0.55	0.49	0.44	0.40	0.37
Cotton, 8-row, BG/RR	850	lbs. of Lint	0.56	0.50	0.45	0.41	0.38
Cotton, 8-row, RR	850	lbs. of Lint	0.54	0.48	0.43	0.39	0.36
Cotton, 12 row, BG/RR	850	lbs. of Lint	0.57	0.50	0.45	0.41	0.38
Macon Ridge							
Cotton, 8-row, solid	700	lbs. of Lint	0.63	0.56	0.50	0.46	0.42
Cotton, 8-row, solid, (tenant) <sup>b</sup>	700	lbs. of Lint	0.77	0.69	0.62	0.56	0.52
Cotton, 8-row, solid, (irrigated) 900	lbs. of Lint	0.55	0.49	0.44	0.40	0.37	

<sup>a</sup> Does not include overhead costs for tenant- and owner-operators and land costs for owner-operators.

<sup>b</sup> Tenant-operator budgets include land charges in the form of a reduction in revenue.

TABLE 5. A summary of projected costs and returns per acre for Soybean production, Alluvial Soil and Macon Ridge areas, Louisiana, 2005.<sup>a</sup>

Crop Description	Yield Per Acre	Unit	Total Income	Returns			Returns	
				Total Direct Expenses	Above Direct Expenses	Total Fixed Expenses	Total Specified Expenses <sup>b</sup>	Above Specified Expenses
-----Dollars per unit-----								
Alluvial Soil								
Soybeans, 8-row, stale sdbd	35	bu	192.50	112.52	79.98	27.50	140.02	52.48
Soybeans, 8-row, RR	35	bu	192.50	118.73	73.77	26.14	144.87	47.63
Soybeans, 12-20" rows (owner)	35	bu	192.50	113.67	78.83	26.80	140.47	52.03
Soybeans, 12-20" rows (tenant)	35	bu	154.00	109.69	44.31	26.42	136.11	17.89
Soybeans, 8-row drilled 30	bu	165.00	118.52	46.48	29.23	147.75	17.25	
Macon Ridge								
Soybeans, 8-row, silty (tenant) 30	bu		123.75	96.53	27.22	41.41	137.94	-14.19

<sup>a</sup> Crop price used was \$5.50 per bu. for soybeans.

<sup>b</sup> Farm overhead for owner-operators and tenants and land charges for owner-operators are not included in total specified expenses.

Table 6. Breakeven selling prices for Soybeans for selected yield levels, Alluvial Soils and Macon Ridge areas, Louisiana, 2005.

Crop Description	Base Yield	Unit	Yield Levels				
			20%	10%	BASE	10%	20%
			----- Dollars per unit -----				
Prices required to recover Total Specified Expenses <sup>A</sup>							
Alluvial Soils							
Soybeans, 8-row, sandy	35	bu	5.00	4.45	4.00	3.64	3.34
Soybeans, 8-row, Clay	35	bu	5.17	4.60	4.14	3.76	3.45
Soybeans, 12-row, RR	35	bu	5.02	4.46	4.01	3.65	3.34
Soybeans, 12 row, RR,	35	bu	6.07	5.40	4.86	4.42	4.05
Soybeans, 8 row,Drilled,	30	bu	6.15	5.47	4.93	4.48	4.10
Macon Ridge							
Soybeans, 8-row, sandy, (tenant) <sup>B</sup>	30	bu	7.50	6.66	6.00	5.45	5.00
Prices required to recover Direct Expenses							
Alluvial Soils							
Soybeans, 8-row, sandy	35	bu	4.02	3.57	3.21	2.92	2.68
Soybeans, 8-row, Clay	35	bu	4.24	3.77	3.39	3.08	2.82
Soybeans, 12-row, RR	35	bu	4.06	3.61	3.25	2.95	2.71
Soybeans, 12-row, RR, T	35	bu	4.90	4.35	3.92	3.56	3.26
Soybeans, 8-row,Drilled	30	bu	4.93	4.39	3.95	3.59	3.29
Macon Ridge							
Soybeans, 8-row, sandy, (tenant) <sup>B</sup>	30	bu	5.25	4.66	4.20	3.82	3.50

<sup>A</sup> Does not include land 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, Alluvial soil and Macon Ridge Areas, Louisiana, 2005.<sup>A</sup>

Crop Description	Yield Per Acre	Unit	Total Income	Total Direct Expenses	Returns			Returns Above Specified Expense
					Above Direct Expenses	Total Fixed Expenses	Total Specified Expenses <sup>B</sup>	
----- Dollars per unit -----								
Corn grain, 8-row equip.	160	bu	360.00	251.85	108.15	41.80	293.65	66.35
Corn grain, 8-row equip tenant	160	bu	270.00	246.36	23.64	43.28	289.64	-19.64
Milo, 8-row	75	bu	146.25	121.39	24.86	39.92	161.31	-15.06
Wheat (grain), 8-row,(drilled)	40	bu	120.00	93.85	26.15	30.17	124.02	- 4.02
Soybeans - Wheat (dbl. crop)	50 + 35	bu	342.50	219.02	123.48	53.60	272.62	69.88

<sup>A</sup> Crop prices used were \$2.25 per bu. for corn, \$1.95 per bu. for Milo, \$3.00 per bu. for wheat and \$5.50 per bu. for soybeans.

<sup>B</sup> Farm overhead for owner-operators and tenants and land charges for owner-operators are not included in total specified expenses.

Table 8. Breakeven selling prices for Corn, Milo, and Wheat for selected yield levels, Alluvial Soils and Macon Ridge Areas, Louisiana, 2005.

Crop Description	Base Yield	Unit	Yield Levels				
			-20%	-10%	BASE	10%	20%
----- Dollars per unit -----							
Prices required to recover Total Specified Expenses <sup>a</sup>							
Corn Grain, 8-row	160	bu	2.25	2.02	1.84	1.68	1.56
Corn Grain, 8-row, T	160	bu	3.02	2.68	2.41	2.19	2.01
Milo, 8-row	75	bu	2.68	2.39	2.15	1.95	1.79
Wheat, 8-row, drilled	40	bu	3.87	3.45	3.10	2.81	2.58
Prices required to recover Direct Expenses							
Corn Grain, 8-row	160	bu	1.92	1.73	1.57	1.45	1.34
Corn Grain, 8-row	160	bu	2.52	2.26	2.05	1.88	1.74
Milo, 8-row	75	bu	2.02	1.79	1.62	1.47	1.35
Wheat, 8-row, drilled	40	bu	2.93	2.61	2.35	2.13	1.96

<sup>a</sup> Does not include land or overhead costs.

Table 9.A Estimated costs and returns per acre, conventional  
Cotton, sandy soil, 8-row equipment, solid planted,  
owner-operators, alluvial soils, Northeast Louisiana, 2005

		dollars		dollars	
INCOME					
Cotton Lint	lb	0.52	850.0000	442.00	_____
Cotton Seed	lb	0.04	1318.0000	57.99	_____
Cotton checkoff	bale	2.25	-1.7700	-3.98	_____
				-----	
TOTAL INCOME				496.01	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 2 gal)	appl	2.50	6.0000	15.00	_____
App by Air ( 5 gal)	appl	4.00	1.0000	4.00	_____
HARVEST AIDS					
Dropp 50 WP	lb	58.80	0.2000	11.76	_____
Prep	pt	5.79	1.3300	7.70	_____
GIN/DRY					
Gin	lb	0.08	850.0000	68.00	_____
FERTILIZERS					
LA Nitrogen	lb	0.30	90.0000	27.00	_____
HERBICIDES					
Treflan HFP	pt	3.19	1.0000	3.19	_____
Cotoran 4L	pt	4.34	2.7000	11.72	_____
Staple 85%	oz	18.70	1.2000	22.44	_____
MSMA6 + Surfactant	pt	2.26	1.3300	3.01	_____
Karmex DF	lb	3.85	1.0000	3.85	_____
INSECTICIDES					
Temik 15G Grit	lb	3.51	3.3300	11.69	_____
Ammo 2.5 EC	oz	1.09	3.8800	4.23	_____
Orthene 90S	lb	9.84	0.4400	4.33	_____
Centric 40WG	oz	4.48	2.0000	8.96	_____
Orthene 97	lb	12.26	1.1600	14.22	_____
Baythroid 2	oz	2.67	2.1120	5.64	_____
Tracer	oz	6.05	2.3300	14.10	_____
Karate Z	oz	2.88	2.0000	5.76	_____
SEED/PLANTS					
Cotton Seed Conv.	thous	0.30	52.5000	15.75	_____
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	1.54	0.6000	0.92	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3123	4.78	_____
LA Hired Labor					
Implements	hour	9.60	0.6163	5.90	_____
Tractors	hour	9.60	1.9440	18.64	_____
Self-Propelled	hour	9.60	0.3123	2.99	_____
DIESEL FUEL					
Tractors	gal	1.45	17.7827	25.78	_____
Self-Propelled	gal	1.45	4.0998	5.95	_____
REPAIR & MAINTENANCE					
Implements	Acre	9.32	1.0000	9.32	_____
Tractors	Acre	6.09	1.0000	6.09	_____
Self-Propelled	Acre	10.93	1.0000	10.93	_____
INTEREST ON OP. CAP.	Acre	13.14	1.0000	13.14	_____
				-----	
TOTAL DIRECT EXPENSES				434.90	_____
RETURNS ABOVE DIRECT EXPENSES				61.11	_____
FIXED EXPENSES					
Implements	Acre	20.52	1.0000	20.52	_____
Tractors	Acre	41.53	1.0000	41.53	_____
Self-Propelled	Acre	46.75	1.0000	46.75	_____
				-----	
TOTAL FIXED EXPENSES				108.80	_____
				-----	
TOTAL SPECIFIED EXPENSES				543.70	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-47.69	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	87.64	1.0000	87.64	_____
RESIDUAL RETURNS				-135.33	_____

Table 9.B Estimated resource use and costs for field operations, per Acre  
 Conventional Cotton, Sandy Soil, 8-Row Equipment, Solid  
 Owner-Operator, Alluvial Soil, Northeast Louisiana, 2005

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-----			
Stalk Shredder	14'	2WD 130	0.117	1.00	Nov	1.39	1.68	1.04	0.69	0.11	1.13				5.93
Subsoiler	3 shank	MFWD 190	0.204	1.00	Dec	3.59	4.74	0.24	0.67	0.20	1.96				11.20
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Mar	1.36	1.80	0.56	0.69	0.11	1.12				5.53
LA Nitrogen	lb											90.0000	0.30	27.00	27.00
Disk & Incorporate	32'	MFWD 225	0.064	1.00	Mar	1.33	1.69	0.58	1.13	0.09	0.93				5.66
Treflan HFP	pt											1.0000	3.19	3.19	3.19
Field Cultivate	32'	MFWD 190	0.046	1.00	Apr	0.82	1.08	0.25	1.17	0.04	0.45				3.77
SC Trailer Utility	10 ft	2WD 130	1.000	0.23	Apr	2.73	3.27	0.05	0.23	0.23	2.21				8.49
Ditcher		2WD 130	0.020	1.00	Apr	0.23	0.28	0.02	0.03	0.02	0.19				0.75
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Apr	1.30	1.72	0.28	0.82	0.07	0.71				4.83
Row Cond (Plant)	27'	MFWD 190	0.075	1.00	Apr	1.33	1.76	0.18	0.83	0.07	0.73				4.83
Plant & Pre Folding	8R-38	MFWD 170	0.077	1.00	May	1.22	1.64	0.95	2.01	0.15	1.48				7.30
Cotoran 4L	pt											1.2000	4.34	5.21	5.21
Cotton Seed Conv.	thous											52.5000	0.30	15.75	15.75
Temik 15G Grit	lb											3.3300	3.51	11.69	11.69
Cotoran 4L	pt											1.5000	4.34	6.51	6.51
Ammo 2.5 EC	oz											1.2800	1.09	1.40	1.40
Cult & Post	8R-38	MFWD 190	0.081	1.00	May	1.44	1.89	0.43	1.26	0.12	1.17				6.19
Orthene 90S	lb											0.2200	9.84	2.16	2.16
Staple 85%	oz											0.6000	18.70	11.22	11.22
Surfactant	pt											0.2000	1.54	0.31	0.31
Ditcher		2WD 130	0.020	1.00	May	0.23	0.28	0.02	0.03	0.02	0.19				0.75
Cult & Post	8R-38	MFWD 190	0.081	1.00	May	1.44	1.89	0.43	1.26	0.12	1.17				6.19
Staple 85%	oz											0.6000	18.70	11.22	11.22
Surfactant	pt											0.2000	1.54	0.31	0.31
Orthene 90S	lb											0.2200	9.84	2.16	2.16
Cult & Post	8R-38	MFWD 190	0.081	1.00	May	1.44	1.89	0.43	1.26	0.12	1.17				6.19
Centric 40WG	oz											2.0000	4.48	8.96	8.96
MSMA6 + Surfactant	pt											1.3300	2.26	3.01	3.01
App by Air ( 2 gal)	appl			1.00	Jun							1.0000	2.50	2.50	2.50
Orthene 97	lb											0.3300	12.26	4.05	4.05
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	2.50	2.50	2.50
Ammo 2.5 EC	oz											2.6000	1.09	2.83	2.83
Spray (Direct/Layby)	8R-38	MFWD 170	0.066	1.00	Jul	1.06	1.42	0.24	0.31	0.10	0.96				3.99
Karmex DF	lb											1.0000	3.85	3.85	3.85
Surfactant	pt											0.2000	1.54	0.31	0.31
App by Air ( 2 gal)	appl			1.00	Jul							1.0000	2.50	2.50	2.50
Baythroid 2	oz											2.1120	2.67	5.64	5.64
Orthene 97	lb											0.3300	12.26	4.05	4.05
App by Air ( 2 gal)	appl			1.00	Jul							1.0000	2.50	2.50	2.50
Tracer	oz											2.3300	6.05	14.10	14.10
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.50	2.50	2.50
Orthene 97	lb											0.5000	12.26	6.13	6.13
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.50	2.50	2.50
Karate Z	oz											2.0000	2.88	5.76	5.76
Orthene 97	lb												12.26		
App by Air ( 5 gal)	appl			1.00	Sep							1.0000	4.00	4.00	4.00
Dropp 50 WP	lb											0.2000	58.80	11.76	11.76
Prep	pt											1.3300	5.79	7.70	7.70
Cotton Picker-1st-BB		4R38*255hp	0.257	1.00	Sep	13.93	38.58			0.51	6.41				58.92
Module Builder-1st	4R38255	MFWD 190	0.257	1.00	Sep	4.53	5.98	1.67	3.75	0.51	4.94				20.87
Boll Buggy-1st pick	4R38*255hp	MFWD 190	0.257	1.00	Sep	4.53	5.98	1.32	2.96	0.25	2.47				17.26
Module Builder-2nd	4R38*255hp	MFWD 190	0.218	0.25	Sep	0.95	1.27	0.35	0.79	0.10	1.04				4.40
Boll Buggy-2nd pick	4R38 255hp	MFWD 190	0.218	0.25	Sep	0.95	1.27	0.28	0.63	0.05	0.52				3.65
Cotton Picker-2nd-BB		4R38*255hp	0.218			2.95	8.17			0.10	1.36				12.48
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						48.75	88.28	9.32	20.52	3.18	32.31			331.38	530.56
INTEREST ON OPERATING CAPITAL															13.14
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															543.70

Table 10.A Estimated costs and returns per Acre  
 BG/RR Cotton, Sandy Soil, 8-Row Equipment, Solid Plant  
 Owner-Operator, Alluvial Soil, Northeast Louisiana, 2005

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	57.99	_____
Cotton checkoff	bale	2.25	-1.7700	-3.98	_____
TOTAL INCOME				----- 496.01	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 5 gal)	appl	4.00	2.0000	8.00	_____
App by Air ( 2 gal)	appl	2.50	3.0000	7.50	_____
HARVEST AIDS					
Dropp 50 WP	lb	58.80	0.2000	11.76	_____
Prep	pt	5.79	1.3300	7.70	_____
GIN/DRY					
Gin	lb	0.08	850.0000	68.00	_____
FERTILIZERS					
LA Nitrogen	lb	0.30	90.0000	27.00	_____
HERBICIDES					
Roundup WeatherMax	oz	0.45	66.0000	29.70	_____
Cotoran 4L	pt	4.34	1.2000	5.21	_____
Karmex DF	lb	3.85	1.0000	3.85	_____
INSECTICIDES					
Temik 15G Grit	lb	3.51	3.3300	11.69	_____
Ammo 2.5 EC	oz	1.09	1.2800	1.40	_____
Orthene 90S	lb	9.84	0.2200	2.16	_____
Centric 40WG	oz	4.48	2.0000	8.96	_____
Baythroid 2	oz	2.67	2.1120	5.64	_____
Orthene 97	lb	12.26	0.5000	6.13	_____
Tracer	oz	6.05	2.1000	12.71	_____
Karate Z	oz	2.88	2.0000	5.76	_____
SEED/PLANTS					
Cotton Seed BtRR	thous	0.33	52.5000	17.33	_____
TECHNOLOGY FEE					
BG/RR Cot Tech Fee	cap/ac	43.00	1.0000	43.00	_____
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	1.7700	44.25	_____
Module Hauling	bale	5.00	1.7700	8.85	_____
ADJUVANTS					
Surfactant	pt	1.54	0.2000	0.31	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3123	4.78	_____
LA Hired Labor					
Implements	hour	9.60	0.5252	5.02	_____
Tractors	hour	9.60	1.5347	14.74	_____
Self-Propelled	hour	9.60	0.3123	2.99	_____
DIESEL FUEL					
Tractors	gal	1.45	13.7397	19.93	_____
Self-Propelled	gal	1.45	4.0998	5.95	_____
REPAIR & MAINTENANCE					
Implements	Acre	7.84	1.0000	7.84	_____
Tractors	Acre	4.69	1.0000	4.69	_____
Self-Propelled	Acre	10.93	1.0000	10.93	_____
INTEREST ON OP. CAP.	Acre	14.58	1.0000	14.58	_____
TOTAL DIRECT EXPENSES				----- 443.36	_____
RETURNS ABOVE DIRECT EXPENSES				52.65	_____
FIXED EXPENSES					
Implements	Acre	15.14	1.0000	15.14	_____
Tractors	Acre	32.03	1.0000	32.03	_____
Self-Propelled	Acre	46.75	1.0000	46.75	_____
TOTAL FIXED EXPENSES				----- 93.92	_____
TOTAL SPECIFIED EXPENSES				----- 537.28	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-41.27	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	87.64	1.0000	87.64	_____
RESIDUAL RETURNS				-128.91	_____

Table 10.B Estimated resource use and costs for field operations, per Acre  
 BG/RR Cotton, Sandy Soil, 8-Row Equipment, Solid Plant  
 Owner-Operator, Alluvial Soil, Northeast Louisiana, 2005

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-----			
Stalk Shredder	14'	2WD 130	0.117	1.00	Nov	1.39	1.68	1.04	0.69	0.11	1.13				5.93
Paratill & Bed Fold.	8R-38	MFWD 225	0.080	1.00	Jan	1.67	2.12	0.74	1.42	0.08	0.78				6.73
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Mar	1.36	1.80	0.56	0.69	0.11	1.12				5.53
LA Nitrogen	lb											90.0000	0.30	27.00	27.00
Roundup WeatherMax	oz			1.00	Apr							22.0000	0.45	9.90	9.90
App by Air ( 5 gal)	appl											1.0000	4.00	4.00	4.00
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	0.50	Apr	0.66	0.86	0.14	0.41	0.03	0.36				2.43
Row Cond (Plant)	27'	MFWD 190	0.075	1.00	Apr	1.33	1.76	0.18	0.83	0.07	0.73				4.83
Plant & Pre Folding	8R-38	MFWD 170	0.077	1.00	Apr	1.22	1.64	0.95	2.01	0.15	1.48				7.30
Cotoran 4L	pt											1.2000	4.34	5.21	5.21
Cotton Seed BtRR	thous											52.5000	0.33	17.33	17.33
Temik 15G Grit	lb											3.3300	3.51	11.69	11.69
Ammo 2.5 EC	oz											1.2800	1.09	1.40	1.40
BG/RR Cot Tech Fee	cap/ac											1.0000	43.00	43.00	43.00
SC Trailer Utility	10 ft	2WD 130	1.000	0.23	Apr	2.73	3.27	0.05	0.23	0.23	2.21				8.49
Ditcher		2WD 130	0.020	1.00	Apr	0.23	0.28	0.02	0.03	0.02	0.19				0.75
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	0.67	0.90	0.10	0.13	0.06	0.61	0.2200	9.84	2.16	2.16
Orthene 90S	lb											22.0000	0.45	9.90	9.90
Roundup WeatherMax	oz														2.41
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	0.67	0.90	0.10	0.13	0.06	0.61	22.0000	0.45	9.90	9.90
Roundup WeatherMax	oz														2.41
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Jun	0.67	0.90	0.10	0.13	0.06	0.61	2.0000	4.48	8.96	8.96
Centric 40WG	oz											1.0000	6.00	6.00	6.00
Eradication Fee	acre			1.00	Jul										3.99
Spray (Direct/Layby)	8R-38	MFWD 170	0.066	1.00	Jul	1.06	1.42	0.24	0.31	0.10	0.96	1.0000	3.85	3.85	3.85
Karmex DF	lb											0.2000	1.54	0.31	0.31
Surfactant	pt											1.0000	2.50	2.50	2.50
App by Air ( 2 gal)	appl			1.00	Jul							2.1120	2.67	5.64	5.64
Baythroid 2	oz											1.0000	2.50	2.50	2.50
App by Air ( 2 gal)	appl			1.00	Aug							0.5000	12.26	6.13	6.13
Orthene 97	lb											2.1000	6.05	12.71	12.71
Tracer	oz											1.0000	2.50	2.50	2.50
App by Air ( 2 gal)	appl			1.00	Aug							2.0000	2.88	5.76	5.76
Karate Z	oz											1.0000	4.00	4.00	4.00
App by Air ( 5 gal)	appl			1.00	Sep							0.2000	58.80	11.76	11.76
Dropp 50 WP	lb											1.3300	5.79	7.70	7.70
Prep	pt														58.92
Cotton Picker-1st-BB		4R38"255hp	0.257	1.00	Sep	13.93	38.58			0.51	6.41				20.87
Module Builder-1st	4R38255	MFWD 190	0.257	1.00	Sep	4.53	5.98	1.67	3.75	0.51	4.94				17.26
Boll Buggy-1st pick	4R38"255hp	MFWD 190	0.257	1.00	Sep	4.53	5.98	1.32	2.96	0.25	2.47				3.65
Boll Buggy-2nd pick	4R38 255hp	MFWD 190	0.218	0.25	Sep	0.95	1.27	0.28	0.63	0.05	0.52				12.48
Cotton Picker-2nd-BB		4R38"255hp	0.218			2.95	8.17			0.10	1.36				4.40
Module Builder-2nd	4R38"255hp	MFWD 190	0.218	0.25	Sep	0.95	1.27	0.35	0.79	0.10	1.04				68.00
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						41.50	78.78	7.84	15.14	2.68	27.53			351.91	522.70
INTEREST ON OPERATING CAPITAL															14.58
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															537.28

Table 11.A Estimated costs and returns per Acre  
 RR Cotton, Clay Soil, 8-Row Equipment, Solid Plant  
 Owner-Operator, Alluvial Areas, Northeast Louisiana, 2005

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	57.99	_____
Cotton checkoff	bale	2.25	-1.7700	-3.98	_____
TOTAL INCOME				496.01	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 2 gal)	appl	2.50	4.0000	10.00	_____
App by Air ( 5 gal)	appl	4.00	1.0000	4.00	_____
HARVEST AIDS					
Dropp 50 WP	lb	58.80	0.2000	11.76	_____
Prep	pt	5.79	1.3300	7.70	_____
GIN/DRY					
Gin	lb	0.08	800.0000	64.00	_____
FERTILIZERS					
LA Nitrogen	lb	0.30	110.0000	33.00	_____
HERBICIDES					
Roundup WeatherMax	oz	0.45	88.0000	39.60	_____
Cotoran 4L	pt	4.34	1.5000	6.51	_____
Karmex DF	lb	3.85	1.0000	3.85	_____
INSECTICIDES					
Temik 15G Grit	lb	3.51	3.3300	11.69	_____
Ammo 2.5 EC	oz	1.09	1.2800	1.40	_____
Orthene 90S	lb	9.84	0.2200	2.16	_____
Centric 40WG	oz	4.48	4.0000	17.92	_____
Tracer	oz	6.05	2.1300	12.89	_____
Baythroid 2	oz	2.67	2.1120	5.64	_____
Orthene 97	lb	12.26	0.5000	6.13	_____
Karate Z	oz	2.88	2.0000	5.76	_____
SEED/PLANTS					
Cotton Seed RR	thous	0.31	52.5000	16.27	_____
TECHNOLOGY FEE					
RR Cotton Tech Fee	cap/ac	14.50	1.0000	14.50	_____
Eradication Fee	acre	6.00	1.0000	6.00	_____
SERVICE FEE					
Module Hauling	bale	5.00	1.6670	8.34	_____
Insect Scouting	acre	9.00	1.0000	9.00	_____
Cotton storage	bale	25.00	1.6670	41.68	_____
ADJUVANTS					
Surfactant	pt	1.54	0.2000	0.31	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3476	5.32	_____
LA Hired Labor					
Implements	hour	9.60	0.5041	4.82	_____
Tractors	hour	9.60	1.4487	13.90	_____
Self-Propelled	hour	9.60	0.3299	3.15	_____
DIESEL FUEL					
Tractors	gal	1.45	12.7966	18.55	_____
Self-Propelled	gal	1.45	4.2994	6.23	_____
REPAIR & MAINTENANCE					
Implements	Acre	7.14	1.0000	7.14	_____
Tractors	Acre	4.37	1.0000	4.37	_____
Self-Propelled	Acre	11.05	1.0000	11.05	_____
INTEREST ON OP. CAP.	Acre	13.61	1.0000	13.61	_____
TOTAL DIRECT EXPENSES				428.25	_____
RETURNS ABOVE DIRECT EXPENSES				67.76	_____
FIXED EXPENSES					
Implements	Acre	14.00	1.0000	14.00	_____
Tractors	Acre	29.87	1.0000	29.87	_____
Self-Propelled	Acre	47.67	1.0000	47.67	_____
TOTAL FIXED EXPENSES				91.54	_____
TOTAL SPECIFIED EXPENSES				519.79	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-23.78	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	87.64	1.0000	87.64	_____
RESIDUAL RETURNS				-111.42	_____

Table 11.B Estimated resource use and costs for field operations, per Acre  
 RR Cotton, Clay Soil, 8-Row Equipment, Solid Plant  
 Owner-Operator, Alluvial Areas, Northeast Louisiana, 2005

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-----			
Stalk Shredder	14'	2WD 130	0.117	1.00	Nov	1.39	1.68	1.04	0.69	0.11	1.13				5.93
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Dec	1.30	1.72	0.28	0.82	0.07	0.71				4.83
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Apr	0.67	0.90	0.10	0.13	0.06	0.61				2.41
Roundup WeatherMax	oz											22.0000	0.45	9.90	9.90
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	1.36	1.80	0.56	0.69	0.11	1.12				5.53
LA Nitrogen	lb											110.0000	0.30	33.00	33.00
Row Cond (Plant)	27'	MFWD 190	0.075	1.00	Apr	1.33	1.76	0.18	0.83	0.07	0.73				4.83
Plant & Pre Folding	8R-38	MFWD 170	0.077	1.00	Apr	1.22	1.64	0.95	2.01	0.15	1.48				7.30
Cotoran 4L	pt											1.5000	4.34	6.51	6.51
Cotton Seed RR	thous											52.5000	0.31	16.27	16.27
Temik 15G Grit	lb											3.3300	3.51	11.69	11.69
Ammo 2.5 EC	oz											1.2800	1.09	1.40	1.40
RR Cotton Tech Fee	cap/ac											1.0000	14.50	14.50	14.50
SC Trailer Utility	10 ft	2WD 130	1.000	0.23	Apr	2.73	3.27	0.05	0.23	0.23	2.21				8.49
Ditcher	2WD 130	2WD 130	0.020	1.00	Apr	0.23	0.28	0.02	0.03	0.02	0.19				0.75
Sprayer( 300-450Gal)	60'	60'	0.017	1.00	May	0.20	0.46				0.35				1.01
Orthene 90S	lb											0.2200	9.84	2.16	2.16
Roundup WeatherMax	oz											22.0000	0.45	9.90	9.90
Sprayer( 300-450Gal)	60'		0.017	1.00	May	0.20	0.46			0.02	0.35				1.01
Roundup WeatherMax	oz											22.0000	0.45	9.90	9.90
Centric 40WG	oz											2.0000	4.48	8.96	8.96
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Jun	0.67	0.90	0.10	0.13	0.06	0.61				2.41
Centric 40WG	oz											2.0000	4.48	8.96	8.96
Tracer	oz			1.00	Jun							2.1300	6.05	12.89	12.89
App by Air ( 2 gal)	appl											1.0000	2.50	2.50	2.50
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	1.06	1.42	0.24	0.31	0.10	0.96				3.99
Karmex DF	lb											1.0000	3.85	3.85	3.85
Surfactant	pt											0.2000	1.54	0.31	0.31
Roundup WeatherMax	oz											22.0000	0.45	9.90	9.90
App by Air ( 2 gal)	appl			1.00	Jul							1.0000	2.50	2.50	2.50
Baythroid 2	oz											2.1120	2.67	5.64	5.64
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.50	2.50	2.50
Orthene 97	lb											0.5000	12.26	6.13	6.13
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.50	2.50	2.50
Karate Z	oz											2.0000	2.88	5.76	5.76
App by Air ( 5 gal)	appl			1.00	Sep							1.0000	4.00	4.00	4.00
Dropp 50 WP	lb											0.2000	58.80	11.76	11.76
Prep	pt											1.3300	5.79	7.70	7.70
Cotton Picker-1st-BB	4R38*255hp	4R38*255hp	0.257	1.00	Sep	13.93	38.58			0.51	6.41				58.92
Module Builder-1st	4R38255	MFWD 190	0.257	1.00	Sep	4.53	5.98	1.67	3.75	0.51	4.94				20.87
Boll Buggy-1st pick	4R38*255hp	MFWD 190	0.257	1.00	Sep	4.53	5.98	1.32	2.96	0.25	2.47				17.26
Module Builder-2nd	4R38*255hp	MFWD 190	0.218	0.25	Sep	0.95	1.27	0.35	0.79	0.10	1.04				4.40
Boll Buggy-2nd pick	4R38 255hp	MFWD 190	0.218	0.25	Sep	0.95	1.27	0.28	0.63	0.05	0.52				3.65
Cotton Picker-2nd-BB	4R38*255hp	4R38*255hp	0.218			2.95	8.17			0.10	1.36				12.48
Module Hauling	bale			1.00	Oct							1.6670	5.00	8.34	8.34
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
TOTALS						40.20	77.54	7.14	14.00	2.63	27.19			340.11	506.18
INTEREST ON OPERATING CAPITAL															13.61
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															519.79

Table 12.A Estimated costs and returns per Acre  
 BG/RR Cotton, Sandy Soil, 12-Row Equipment, Solid Plant  
 Owner-Operator, Alluvial Soil, Northeast Louisiana, 2005

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	57.99	_____
Cotton checkoff	bale	2.25	-1.7700	-3.98	_____
				-----	
TOTAL INCOME				496.01	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 2 gal)	appl	2.50	3.0000	7.50	_____
App by Air ( 5 gal)	appl	4.00	1.0000	4.00	_____
HARVEST AIDS					
Dropp 50 WP	lb	58.80	0.2000	11.76	_____
Prep	pt	5.79	1.3300	7.70	_____
GIN/DRY					
Gin	lb	0.08	850.0000	68.00	_____
FERTILIZERS					
LA Nitrogen	lb	0.30	90.0000	27.00	_____
HERBICIDES					
Roundup WeatherMax	oz	0.45	66.0000	29.70	_____
Cotoran 4L	pt	4.34	1.2000	5.21	_____
Karmex DF	lb	3.85	1.0000	3.85	_____
INSECTICIDES					
Temik 15G Grit	lb	3.51	3.3300	11.69	_____
Ammo 2.5 EC	oz	1.09	1.2800	1.40	_____
Orthene 90S	lb	9.84	0.2200	2.16	_____
Centric 40WG	oz	4.48	2.0000	8.96	_____
Baythroid 2	oz	2.67	2.1120	5.64	_____
Orthene 97	lb	12.26	0.5000	6.13	_____
Tracer	oz	6.05	2.1000	12.71	_____
Karate Z	oz	2.88	2.0000	5.76	_____
SEED/PLANTS					
Cotton Seed BtRR	thous	0.33	52.5000	17.33	_____
TECHNOLOGY FEE					
BG/RR Cot Tech Fee	cap/ac	43.00	1.0000	43.00	_____
Eradication Fee	acre	6.00	1.0000	6.00	_____
SERVICE FEE					
Module Hauling	bale	5.00	1.7700	8.85	_____
Insect Scouting	acre	9.00	1.0000	9.00	_____
Cotton storage	bale	25.00	1.7700	44.25	_____
ADJUVANTS					
Surfactant	pt	1.54	0.2000	0.31	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.2793	4.28	_____
LA Hired Labor					
Implements	hour	9.60	0.3082	2.95	_____
Tractors	hour	9.60	1.0247	9.84	_____
Self-Propelled	hour	9.60	0.2440	2.32	_____
DIESEL FUEL					
Tractors	gal	1.45	9.3565	13.55	_____
Self-Propelled	gal	1.45	4.2724	6.18	_____
REPAIR & MAINTENANCE					
Implements	Acre	6.36	1.0000	6.36	_____
Tractors	Acre	3.17	1.0000	3.17	_____
Self-Propelled	Acre	11.51	1.0000	11.51	_____
INTEREST ON OP. CAP.	Acre	13.84	1.0000	13.84	_____
				-----	
TOTAL DIRECT EXPENSES				421.91	_____
RETURNS ABOVE DIRECT EXPENSES				74.10	_____
FIXED EXPENSES					
Implements	Acre	12.03	1.0000	12.03	_____
Tractors	Acre	21.59	1.0000	21.59	_____
Self-Propelled	Acre	50.63	1.0000	50.63	_____
				-----	
TOTAL FIXED EXPENSES				84.25	_____
				-----	
TOTAL SPECIFIED EXPENSES				506.16	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-10.15	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	87.64	1.0000	87.64	_____
RESIDUAL RETURNS				-97.79	_____

Table 12.B Estimated resource use and costs for field operations, per Acre  
 BG/RR Cotton Sandy Soil, 12-Row Equipment, Solid Plant  
 Owner-Operator, Alluvial Soil, Northeast Louisiana, 2005

OPERATING/ OPERATION 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			
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Nov	1.15	1.51	1.15	0.76	0.08	0.79				5.36
Paratill & Bed Fold.	12R-38	MFWD 225	0.053	1.00	Jan	1.11	1.41	0.78	1.47	0.05	0.52				5.27
Fert Appl (Liquid)	12R-38	MFWD 225	0.051	1.00	Mar	1.07	1.36	0.46	0.57	0.07	0.75				4.21
LA Nitrogen	lb											90.0000	0.30	27.00	27.00
Sprayer( 600-750Gal)		60'	0.017	1.00	Apr	0.39	0.90			0.02	0.35				1.64
Roundup WeatherMax	oz											22.0000	0.45	9.90	9.90
Disk Bed (Hipper)	12R-40	MFWD 225	0.049	0.50	Apr	0.50	0.65	0.17	0.49	0.02	0.24				0.90
Row Cond (Plant)	12'	MFWD 225	0.048	1.00	Apr	1.01	1.28	0.19	0.88	0.04	0.47				0.83
Plant & Pre Folding	12R-38	MFWD 190	0.051	1.00	Apr	0.90	1.19	0.84	1.77	0.10	0.98				0.88
Cotoran 4L	pt											1.2000	4.34	5.21	5.21
Cotton seed BtRR	thous											52.5000	0.33	17.33	17.33
Temik 15G Grit	lb											3.3500	3.51	11.69	11.69
Ammo 2.5 EC	oz											1.2800	1.09	1.40	1.40
BG/RR Cot Tech Fee	cap/ac											1.0000	43.00	43.00	43.00
SC Trailer Utility	10 ft	2WD 130	1.000	0.23	Apr	2.73	3.27	0.05	0.23	0.23	2.21				8.49
Ditcher		2WD 130	0.020	1.00	Apr	0.23	0.28			0.02	0.19				0.75
Sprayer( 600-750Gal)		60'	0.017	1.00	May	0.39	0.90				0.35				1.64
Orthene 90S	lb											0.2200	9.84	2.16	2.16
Roundup WeatherMax	oz											22.0000	0.45	9.90	9.90
Sprayer( 600-750Gal)		60'	0.017	1.00	May	0.39	0.90			0.02	0.35				1.64
Roundup WeatherMax	oz											22.0000	0.45	9.90	9.90
Sprayer( 600-750Gal)		60'	0.017	1.00	Jun	0.39	0.90			0.02	0.35				1.64
Centric 40WG	oz											2.0000	4.48	8.96	8.96
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	0.70	0.94	0.30	0.39	0.06	0.64				2.97
Karmex DF	lb											1.0000	3.85	3.85	3.85
Surfactant	pt											0.2000	1.54	0.31	0.31
App by Air ( 2 gal)	appl				1.00	Jul						0.0000	2.50	2.50	2.50
Baythroid 2	oz											2.1120	2.67	5.64	5.64
App by Air ( 2 gal)	appl				1.00	Aug						0.0000	2.50	2.50	2.50
Orthene 90	lb											0.5000	12.26	6.13	6.13
Tracer	oz											2.1000	6.05	12.71	12.71
App by Air ( 2 gal)	appl				1.00	Aug						1.0000	2.50	2.50	2.50
Karate Z	oz											2.0000	2.88	5.76	5.76
App by Air ( 5 gal)	appl				1.00	Sep						1.0000	4.00	4.00	4.00
Dropp 50 WP	lb											0.2000	58.80	11.76	11.76
Prep	pt											1.3300	5.79	7.70	7.70
Cotton Picker-1st-BB		6R38"330hp	0.172	1.00	Sep	13.31	38.81			0.34	4.29				56.41
Module Builder-1st		6R38"325hp	0.172	1.00	Sep	3.02	4.00	1.11	2.51	0.34	3.30				13.94
Boll Buggy-1st pick		6R38"325hp	0.172	1.00	Sep	3.02	4.00	0.88	1.98	0.17	1.65				11.53
Module Builder-2nd		6R38"325hp	0.145	0.25	Sep	0.64	0.85	0.24	0.53	0.07	0.70				2.96
Boll Buggy-2nd pick		6R38"325hp	0.145	0.25	Sep	0.64	0.85	0.19	0.42	0.03	0.35				1.95
Cotton Picker-2nd-BB		6R38"330hp	0.145	1.00	Oct	2.82	8.22			0.07	0.91				8.85
Module Hauling	bale				1.00	Nov						1.7700	5.00	8.85	8.85
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
TOTALS															492.32
INTEREST ON OPERATING CAPITAL															13.84
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															506.16

Table 13.A Estimated costs and returns per Acre  
 BG/RR Cotton, Silty Soil, 8-Row Equipment, Solid Plant  
 Owner-Operator, Macon Ridge Area Louisiana, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.52	750.0000	390.00	_____
Cotton Seed	lb	0.04	1163.0000	51.17	_____
Cotton checkoff	bale	2.25	-1.5600	-3.51	_____
TOTAL INCOME				437.66	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 2 gal)	appl	2.50	3.0000	7.50	_____
App by Air ( 5 gal)	appl	4.00	1.0000	4.00	_____
HARVEST AIDS					
Dropp 50 WP	lb	58.80	0.2000	11.76	_____
Prep	pt	5.79	1.3300	7.70	_____
GIN/DRY					
Gin	lb	0.08	750.0000	60.00	_____
FERTILIZERS					
LA Nitrogen	lb	0.30	90.0000	27.00	_____
HERBICIDES					
Roundup WeatherMax	oz	0.45	88.0000	39.60	_____
Cotoran 4L	pt	4.34	2.7000	11.72	_____
Karmex DF	lb	3.85	1.0000	3.85	_____
INSECTICIDES					
Temik 15G Grit	lb	3.51	3.3300	11.69	_____
Ammo 2.5 EC	oz	1.09	1.2800	1.40	_____
Orthene 90S	lb	9.84	0.2200	2.16	_____
Centric 40WG	oz	4.48	2.0000	8.96	_____
Tracer	oz	6.05	4.4300	26.80	_____
Orthene 97	lb	12.26	0.5000	6.13	_____
Karate Z	oz	2.88	2.0000	5.76	_____
SEED/PLANTS					
Cotton Seed BtRR	thous	0.33	52.5000	17.33	_____
TECHNOLOGY FEE					
BG/RR Cot Tech Fee	cap/ac	43.00	1.0000	43.00	_____
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	1.5600	39.00	_____
ADJUVANTS					
Surfactant	pt	1.54	0.2000	0.31	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3476	5.32	_____
LA Hired Labor					
Implements	hour	9.60	0.5041	4.82	_____
Tractors	hour	9.60	1.4857	14.26	_____
Self-Propelled	hour	9.60	0.3299	3.15	_____
DIESEL FUEL					
Tractors	gal	1.45	13.1589	19.08	_____
Self-Propelled	gal	1.45	4.2994	6.23	_____
REPAIR & MAINTENANCE					
Implements	Acre	7.28	1.0000	7.28	_____
Tractors	Acre	4.50	1.0000	4.50	_____
Self-Propelled	Acre	11.05	1.0000	11.05	_____
INTEREST ON OP. CAP.	Acre	15.17	1.0000	15.17	_____
TOTAL DIRECT EXPENSES				441.54	_____
RETURNS ABOVE DIRECT EXPENSES				-3.88	_____
FIXED EXPENSES					
Implements	Acre	14.41	1.0000	14.41	_____
Tractors	Acre	30.73	1.0000	30.73	_____
Self-Propelled	Acre	47.67	1.0000	47.67	_____
TOTAL FIXED EXPENSES				92.81	_____
TOTAL SPECIFIED EXPENSES				534.35	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-96.69	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	87.64	1.0000	87.64	_____
RESIDUAL RETURNS				-184.33	_____

Table 13.B Estimated resource use and costs for field operations, per Acre  
 BG/RR Cotton, Silty Soil, 8-Row Equipment, Solid Plant  
 Owner-Operator, Macon Ridge Louisiana, 2005

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-----			
Stalk Shredder	14'	2WD 130	0.117	1.00	Nov	1.39	1.68	1.04	0.69	0.11	1.13				5.93
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Jan	1.30	1.72	0.28	0.82	0.07	0.71				4.83
Pert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Mar	1.36	1.80	0.56	0.69	0.11	1.12				5.53
LA Nitrogen	lb											90.0000	0.30	27.00	27.00
Sprayer( 300-450Gal)		60'	0.017	1.00	Apr	0.20	0.46			0.02	0.35				1.01
Roundup WeatherMax	oz											22.0000	0.45	9.90	9.90
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	0.50	Apr	0.66	0.86	0.14	0.41	0.03	0.36				2.43
Row Cond (Plant)	27'	MFWD 190	0.075	1.00	Apr	1.33	1.76	0.18	0.83	0.07	0.73				4.83
Plant & Pre Folding	8R-38	MFWD 170	0.077	1.00	Apr	1.22	1.64	0.95	2.01	0.15	1.48				7.30
Cotoran 4L	pt											1.2000	4.34	5.21	5.21
Cotton Seed BtRR	thous											52.5000	0.33	17.33	17.33
Temik 15G Grit	lb											3.3300	3.51	11.69	11.69
Cotoran 4L	pt											1.5000	4.34	6.51	6.51
Ammo 2.5 EC	oz											1.2800	1.09	1.40	1.40
BG/RR Cot Tech Fee	cap/ac											1.0000	43.00	43.00	43.00
SC Trailer Utility	10 ft	2WD 130	1.000	0.23	Apr	2.73	3.27	0.05	0.23	0.23	2.21				8.49
Ditcher		2WD 130	0.020	1.00	Apr	0.23	0.28	0.02	0.03	0.02	0.19				0.75
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	0.67	0.90	0.10	0.13	0.06	0.61				2.41
Orthene 90S	lb											0.2200	9.84	2.16	2.16
Roundup WeatherMax	oz											22.0000	0.45	9.90	9.90
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	0.67	0.90	0.10	0.13	0.06	0.61				2.41
Roundup WeatherMax	oz											22.0000	0.45	9.90	9.90
Sprayer( 300-450Gal)		60'	0.017	1.00	Jun	0.20	0.46			0.02	0.35				1.01
Centric 40WC	oz											2.0000	4.48	8.96	8.96
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	1.06	1.42	0.24	0.31	0.10	0.96				3.99
Karmex DF	lb											1.0000	3.85	3.85	3.85
Surfactant	pt											0.2000	1.54	0.31	0.31
Roundup WeatherMax	oz											22.0000	0.45	9.90	9.90
App by Air ( 2 gal)	appl			1.00	Jul							1.0000	2.50	2.50	2.50
Tracer	oz											2.3300	6.05	14.10	14.10
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.50	2.50	2.50
Orthene 97	lb											0.5000	12.26	6.13	6.13
Tracer	oz											2.1000	6.05	12.71	12.71
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.50	2.50	2.50
Karate Z	oz											2.0000	2.88	5.76	5.76
App by Air ( 5 gal)	appl			1.00	Sep							1.0000	4.00	4.00	4.00
Dropp 50 WP	lb											0.2000	58.80	11.76	11.76
Prep	pt											1.3300	5.79	7.70	7.70
Cotton Picker-1st-BB		4R38"255hp	0.257	1.00	Sep	13.93	38.58			0.51	6.41				58.92
Module Builder-1st	4R38255	MFWD 190	0.257	1.00	Sep	4.53	5.98	1.67	3.75	0.51	4.94				20.87
Boll Buggy-1st pick	4R38"255hp	MFWD 190	0.257	1.00	Sep	4.53	5.98	1.32	2.96	0.25	2.47				17.26
Module Builder-2nd	4R38"255hp	MFWD 190	0.218	0.25	Sep	0.95	1.27	0.35	0.79	0.10	1.04				4.40
Boll Buggy-2nd pick	4R38 255hp	MFWD 190	0.218	0.25	Sep	0.95	1.27	0.28	0.63	0.05	0.52				3.65
Cotton Picker-2nd-BB		4R38"255hp	0.218			2.95	8.17			0.10	1.36				12.48
Gin	lb			1.00	Nov							750.0000	0.08	60.00	60.00
Insect Scouting	acre			1.00	Nov							1.0000	9.00	9.00	9.00
Cotton storage	bale			1.00	Nov							1.5600	25.00	39.00	39.00
TOTALS						40.86	78.40	7.28	14.41	2.66	27.55			350.68	519.18
INTEREST ON OPERATING CAPITAL															15.17
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															534.35

Table 14.A Estimated costs and returns per Acre  
 BG/RR Cotton, Silty Soil, 8-Row Equipment, Solid Plant  
 Tenant-Operator, Macon Ridge, Louisiana, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.52	750.0000	390.00	_____
Cotton Seed	lb	0.04	1163.0000	51.17	_____
Cotton checkoff	bale	2.25	-1.2500	-2.81	_____
Lint share rent	lb	0.52	-150.0000	-78.00	_____
Seed share rent	lb	0.05	-233.0000	-11.65	_____
TOTAL INCOME				348.71	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 2 gal)	appl	2.50	3.0000	7.50	_____
App by Air ( 5 gal)	appl	4.00	1.0000	4.00	_____
HARVEST AIDS					
Dropp 50 WP	lb	58.80	0.2000	11.76	_____
Prep	pt	5.79	1.3300	7.70	_____
GIN/DRY					
Gin	lb	0.08	600.0000	48.00	_____
FERTILIZERS					
LA Nitrogen	lb	0.30	90.0000	27.00	_____
HERBICIDES					
Roundup WeatherMax	oz	0.45	88.0000	39.60	_____
Cotoran 4L	pt	4.34	2.7000	11.72	_____
Karmex DF	lb	3.85	1.0000	3.85	_____
INSECTICIDES					
Temik 15G Grit	lb	3.51	3.3300	11.69	_____
Ammo 2.5 EC	oz	1.09	1.2800	1.40	_____
Orthene 90S	lb	9.84	0.2200	2.16	_____
Centric 40WG	oz	4.48	2.0000	8.96	_____
Tracer	oz	6.05	4.4300	26.80	_____
Orthene 97	lb	12.26	0.5000	6.13	_____
Karate Z	oz	2.88	2.0000	5.76	_____
SEED/PLANTS					
Cotton Seed BTRR	thous	0.33	52.5000	17.33	_____
TECHNOLOGY FEE					
BG/RR Cot Tech Fee	cap/ac	43.00	1.0000	43.00	_____
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	1.2500	31.25	_____
ADJUVANTS					
Surfactant	pt	1.54	0.2000	0.31	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3123	4.78	_____
LA Hired Labor					
Implements	hour	9.60	0.5464	5.22	_____
Tractors	hour	9.60	1.5703	15.08	_____
Self-Propelled	hour	9.60	0.3123	2.99	_____
DIESEL FUEL					
Tractors	gal	1.45	13.8994	20.16	_____
Self-Propelled	gal	1.45	4.0998	5.95	_____
REPAIR & MAINTENANCE					
Implements	Acre	7.48	1.0000	7.48	_____
Tractors	Acre	4.76	1.0000	4.76	_____
Self-Propelled	Acre	10.93	1.0000	10.93	_____
INTEREST ON OP. CAP.	Acre	15.11	1.0000	15.11	_____
TOTAL DIRECT EXPENSES				423.39	_____
RETURNS ABOVE DIRECT EXPENSES				-74.68	_____
FIXED EXPENSES					
Implements	Acre	14.67	1.0000	14.67	_____
Tractors	Acre	32.53	1.0000	32.53	_____
Self-Propelled	Acre	46.75	1.0000	46.75	_____
TOTAL FIXED EXPENSES				93.95	_____
TOTAL SPECIFIED EXPENSES				517.34	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-168.63	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	87.64	1.0000	87.64	_____
RESIDUAL RETURNS				-256.27	_____

Table 14.B Estimated resource use and costs for field operations, per Acre  
 BG/RR Cotton, Silty Soil, 8-Row Equipment, Solid Plant  
 Tenant-Operator, Macon Ridge Louisiana, 2005

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-----			
Stalk Shredder	14'	2WD 130	0.117	1.00	Nov	1.39	1.68	1.04	0.69	0.11	1.13				5.93
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Jan	1.30	1.72	0.28	0.82	0.07	0.71				4.83
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Mar	1.36	1.80	0.56	0.69	0.11	1.12				5.53
LA Nitrogen	lb											90.0000	0.30	27.00	27.00
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Apr	0.67	0.90	0.10	0.13	0.06	0.61				2.41
Roundup WeatherMax	oz											22.0000	0.45	9.90	9.90
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	0.50	Apr	0.66	0.86	0.14	0.41	0.03	0.36				2.43
Row Cond (Plant)	27'	MFWD 190	0.075	1.00	Apr	1.33	1.76	0.18	0.83	0.07	0.73				4.83
Plant & Pre Folding	8R-38	MFWD 170	0.077	1.00	Apr	1.22	1.64	0.95	2.01	0.15	1.48				7.30
Cotoran 4L	pt											1.2000	4.34	5.21	5.21
Cotton Seed BtRR	thous											52.5000	0.33	17.33	17.33
Temik 15G Grit	lb											3.3300	3.51	11.69	11.69
Cotoran 4L	pt											1.5000	4.34	6.51	6.51
Ammo 2.5 EC	oz											1.2800	1.09	1.40	1.40
BG/RR Cot Tech Fee	cap/ac											1.0000	43.00	43.00	43.00
SC Trailer Utility	10 ft	2WD 130	1.000	0.23	Apr	2.73	3.27	0.05	0.23	0.23	2.21				8.49
Ditcher		2WD 130	0.020	1.00	Apr	0.23	0.28	0.02	0.03	0.02	0.19				0.75
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	0.67	0.90	0.10	0.13	0.06	0.61				2.41
Orthene 90S	lb											0.2200	9.84	2.16	2.16
Roundup WeatherMax	oz											22.0000	0.45	9.90	9.90
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	0.67	0.90	0.10	0.13	0.06	0.61				2.41
Roundup WeatherMax	oz											22.0000	0.45	9.90	9.90
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Jun	0.67	0.90	0.10	0.13	0.06	0.61				2.41
Centric 40WG	oz											2.0000	4.48	8.96	8.96
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	1.06	1.42	0.24	0.31	0.10	0.96				3.99
Karmex DF	lb											1.0000	3.85	3.85	3.85
Surfactant	pt											0.2000	1.54	0.31	0.31
Roundup WeatherMax	oz											22.0000	0.45	9.90	9.90
App by Air ( 2 gal)	appl			1.00	Jul							1.0000	2.50	2.50	2.50
Tracer	oz											2.3300	6.05	14.10	14.10
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.50	2.50	2.50
Orthene 97	lb											0.5000	12.26	6.13	6.13
Tracer	oz											2.1000	6.05	12.71	12.71
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.50	2.50	2.50
Karate Z	oz											2.0000	2.88	5.76	5.76
App by Air ( 5 gal)	appl			1.00	Sep							1.0000	4.00	4.00	4.00
Dropp 50 WP	lb											0.2000	58.80	11.76	11.76
Prep	pt											1.3300	5.79	7.70	7.70
Cotton Picker-1st-BB		4R38"255hp	0.257	1.00	Sep	13.93	38.58			0.51	6.41				58.92
Module Builder-1st	4R38255	MFWD 190	0.257	1.00	Sep	4.53	5.98	1.67	3.75	0.51	4.94				20.87
Boll Buggy-1st pick	4R38"255hp	MFWD 190	0.257	1.00	Sep	4.53	5.98	1.32	2.96	0.25	2.47				17.26
Module Builder-2nd	4R38"255hp	MFWD 190	0.218	0.25	Sep	0.95	1.27	0.35	0.79	0.10	1.04				4.40
Boll Buggy-2nd pick	4R38 255hp	MFWD 190	0.218	0.25	Sep	0.95	1.27	0.28	0.63	0.05	0.52				3.65
Cotton Picker-2nd-BB		4R38"255hp	0.218			2.95	8.17			0.10	1.36				12.48
Gin	lb			1.00	Nov							600.0000	0.08	48.00	48.00
Insect Scouting	acre			1.00	Nov							1.0000	9.00	9.00	9.00
Cotton storage	bale			1.00	Nov							1.2500	25.00	31.25	31.25
TOTALS						41.80	79.28	7.48	14.67	2.74	28.07			330.93	502.23
INTEREST ON OPERATING CAPITAL															15.11
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															517.34

Table 15.A Estimated costs and returns per Acre  
 Cotton, Poly Pipe Irr., Silty Soil, 8-Row Equip.,  
 Owner-Operator, Macon Ridge, Louisiana, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.52	900.0000	468.00	_____
Cotton Seed	lb	0.04	1395.0000	61.38	_____
Cotton checkoff	bale	2.25	-1.8750	-4.22	_____
				-----	
TOTAL INCOME				525.16	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 2 gal)	appl	2.50	4.0000	10.00	_____
App by Air ( 5 gal)	appl	4.00	1.0000	4.00	_____
HARVEST AIDS					
Def/Folex	pt	5.86	0.7500	4.40	_____
Dropp 50 WP	lb	58.80	0.1500	8.82	_____
GIN/DRY					
Gin	lb	0.08	900.0000	72.00	_____
FERTILIZERS					
LA Nitrogen	lb	0.30	112.0000	33.60	_____
LA Phosphate	lb	0.26	50.0000	13.00	_____
LA Potash	lb	0.15	60.0000	9.00	_____
Boron (Solubor)	lb	0.66	1.0000	0.66	_____
HERBICIDES					
Roundup Ultra MAX	pt	6.84	2.0000	13.68	_____
Caparol 4L	pt	3.59	0.6000	2.15	_____
Fusilade DX	oz	1.05	3.2000	3.36	_____
INSECTICIDES					
Temik 15G Grit	lb	3.51	3.3300	11.69	_____
Ammo 2.5 EC	oz	1.09	1.2500	1.36	_____
Bidrin 8L	oz	0.70	3.2000	2.24	_____
Karate Z	oz	2.88	2.1300	6.13	_____
Tracer	oz	6.05	2.3300	14.10	_____
Orthene 97	lb	12.26	1.0000	12.26	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.14	33.0000	4.62	_____
SEED/PLANTS					
Cotton Seed BtRR	thous	0.33	50.0000	16.50	_____
TECHNOLOGY FEE					
BG/RR Cot Tech Fee	cap/ac	43.00	1.0000	43.00	_____
Eradication Fee	acre	6.00	1.0000	6.00	_____
GROWTH REGULATORS					
Pix Plus	oz	0.51	8.0000	4.08	_____
SERVICE FEE					
Insect Scouting	acre	9.00	1.0000	9.00	_____
Cotton storage	bale	25.00	1.8750	46.88	_____
ADJUVANTS					
Crop Oil ( Seed Oil)	pt	2.15	0.2000	0.43	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	32.00	0.2500	8.00	_____
Custom Apply Fert	acre	5.00	1.0000	5.00	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3123	4.78	_____
LA Hired Labor					
Implements	hour	9.60	0.5349	5.12	_____
Tractors	hour	9.60	1.7909	17.17	_____
Self-Propelled	hour	9.60	0.3123	2.99	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.1500	1.44	_____
DIESEL FUEL					
Tractors	gal	1.45	16.1755	23.45	_____
Self-Propelled	gal	1.45	4.0998	5.95	_____
Roll-Out Pipe Irr.	gal	1.45	8.5535	12.39	_____
REPAIR & MAINTENANCE					
Implements	Acre	7.91	1.0000	7.91	_____
Tractors	Acre	5.59	1.0000	5.59	_____
Self-Propelled	Acre	10.93	1.0000	10.93	_____
Roll-Out Pipe Irr.	Acre	3.69	1.0000	3.69	_____
INTEREST ON OP. CAP.	Acre	15.55	1.0000	15.55	_____
				-----	
TOTAL DIRECT EXPENSES				482.92	_____
RETURNS ABOVE DIRECT EXPENSES				42.24	_____
FIXED EXPENSES					
Implements	Acre	15.44	1.0000	15.44	_____
Tractors	Acre	38.06	1.0000	38.06	_____
Self-Propelled	Acre	46.75	1.0000	46.75	_____
Roll-Out Pipe Irr.	Acre	34.00	1.0000	34.00	_____
				-----	
TOTAL FIXED EXPENSES				134.25	_____
				-----	
TOTAL SPECIFIED EXPENSES				617.17	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-92.01	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	87.64	1.0000	87.64	_____
RESIDUAL RETURNS				-179.65	_____

Table 15.B Estimated resource use and costs for field operations, per Acre  
 Cotton, Poly Pipe Irr., Silty Soil, 8-Row Equip.,  
 Owner-Operator, Macon Ridge, Louisiana, 2005

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			
Stalk Shredder	14'	MFWD 150	0.117	1.00	Nov	1.65	2.15	1.04	0.69	0.11	1.13				6.66
Lime (Spread)	ton			1.00	Nov							0.2500	32.00	8.00	8.00
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Nov	1.30	1.72	0.28	0.82	0.07	0.71				4.83
Custom Apply Fert	acre			1.00	Apr							1.0000	5.00	5.00	5.00
LA Nitrogen	lb											20.0000	0.30	6.00	6.00
LA Phosphate	lb											50.0000	0.26	13.00	13.00
LA Potash	lb											60.0000	0.15	9.00	9.00
Boron (Solubor)	lb											1.0000	0.66	0.66	0.66
Row Cond (Plant)	27'	MFWD 190	0.075	1.00	Apr	1.33	1.76	0.18	0.83	0.07	0.73				4.83
Ditcher		2WD 130	0.020	1.00	Apr	0.23	0.28	0.02	0.03	0.02	0.19				0.75
Plant & Pre Rigid	8R-38	MFWD 170	0.077	1.00	Apr	1.22	1.64	0.72	1.52	0.15	1.48				6.58
BG/RR Cot Tech Fee	cap/ac											1.0000	43.00	43.00	43.00
Cotton Seed BTRR	thous											50.0000	0.33	16.50	16.50
Temik 15G Grit	lb											3.3300	3.51	11.69	11.69
Ammo 2.5 EC	oz											1.2500	1.09	1.36	1.36
SC Trailer Utility	10 ft	2WD 130	1.000	0.23	Apr	2.73	3.27	0.05	0.23	0.23	2.21				8.49
Spray (Direct/Hood)	8R-38	MFWD 170	0.066	1.00	May	1.06	1.42	0.42	0.55	0.10	0.96				4.41
Bidrin 8L	oz											1.6000	0.70	1.12	1.12
Roundup Ultra MAX	pt											2.0000	6.84	13.68	13.68
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	May	1.36	1.80	0.56	0.69	0.11	1.12				5.53
LA Nitrogen	lb											80.0000	0.30	24.00	24.00
Spray (Direct/Hood)	8R-38	MFWD 170	0.066	1.00	May	1.06	1.42	0.42	0.55	0.10	0.96				4.41
Bidrin 8L	oz											1.6000	0.70	1.12	1.12
Caparol 4L	pt											0.6000	3.59	2.15	2.15
Spray (Direct/Layby)	8R-38	MFWD 170	0.066	1.00	Jun	1.06	1.42	0.24	0.31	0.10	0.96				3.99
Fusilade DX	oz											3.2000	1.05	3.36	3.36
Crop Oil ( Seed Oil)	pt											0.2000	2.15	0.43	0.43
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	2.50	2.50	2.50
Karate Z	oz											2.1300	2.88	6.13	6.13
App by Air ( 2 gal)	appl			1.00	Jul							1.0000	2.50	2.50	2.50
Tracer	oz											2.3300	6.05	14.10	14.10
App by Air ( 2 gal)	appl			1.00	Jul							1.0000	2.50	2.50	2.50
LA Nitrogen	lb											4.0000	0.30	1.20	1.20
Pix Plus	oz											2.0000	0.51	1.02	1.02
Orthene 97	lb											0.5000	12.26	6.13	6.13
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.50	2.50	2.50
Orthene 97	lb											0.5000	12.26	6.13	6.13
LA Nitrogen	lb											8.0000	0.30	2.40	2.40
Pix Plus	oz											6.0000	0.51	3.06	3.06
App by Air ( 5 gal)	appl			1.00	Aug							1.0000	4.00	4.00	4.00
Def/Folex	pt											0.7500	5.86	4.40	4.40
Dropp 50 WP	lb											0.1500	58.80	8.82	8.82
Module Builder-1st	4R38255	MFWD 190	0.257	1.00	Sep	4.53	5.98	1.67	3.75	0.51	4.94				20.87
Cotton Picker-1st-BB	4R38*255hp		0.257	1.00	Sep	13.93	38.58			0.51	6.41				58.92
Boll Buggy-1st pick	4R38*255hp	MFWD 190	0.257	1.00	Sep	4.53	5.98	1.32	2.96	0.25	2.47				17.26
Boll Buggy-2nd pick	4R38 255hp	MFWD 190	0.218	0.25	Sep	0.95	1.27	0.28	0.63	0.05	0.52				3.65
Cotton Picker-2nd-BB	4R38*255hp		0.218			2.95	8.17			0.10	1.36				12.48
Module Builder-2nd	4R38*255hp	MFWD 190	0.218	0.25	Sep	0.95	1.27	0.35	0.79	0.10	1.04				4.40
Gin	lb			1.00	Nov							900.0000	0.08	72.00	72.00
Insect Scouting	acre			1.00	Nov							1.0000	9.00	9.00	9.00
Cotton storage	bale			1.00	Nov							1.8750	25.00	46.88	46.88
Roll-Out Pipe Irr.	Acres				May	5.08	6.68	16.44	35.09	0.44	4.31	1.0000		4.62	72.22
TOTALS						45.92	84.81	23.99	49.44	3.10	31.50			365.96	601.62
INTEREST ON OPERATING CAPITAL															15.55
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															617.17

Table 16.A Estimated costs and returns per Acre  
 Soybeans, Stale Seedbed, 8- 38" Row Equipment  
 Owner-Operator, Alluvial Soils, Northeast Louisiana, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	5.50	35.0000	192.50	_____
TOTAL INCOME				-----	_____
				192.50	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 5 gal)	appl	4.00	1.0000	4.00	_____
App by Air ( 2 gal)	appl	2.50	2.0000	5.00	_____
HERBICIDES					
Roundup Ultra MAX	pt	6.84	1.0000	6.84	_____
Harmony Extra	oz	12.48	0.3300	4.12	_____
Dual II Magnum	pt	13.49	1.5000	20.24	_____
Sencor 4F	pt	12.15	0.7500	9.11	_____
INSECTICIDES					
Karate Z	oz	2.88	3.6000	10.37	_____
SEED/PLANTS					
Soybean Seed Private	lb	0.38	50.0000	19.00	_____
ADJUVANTS					
Surfactant	pt	1.54	0.3000	0.46	_____
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	0.3138	3.01	_____
Self-Propelled	hour	9.60	0.3080	2.96	_____
LA Other Labor					
Special Labor	hour	9.60	0.0784	0.75	_____
DIESEL FUEL					
Tractors	gal	1.45	2.8594	4.14	_____
Harvesters	gal	1.45	1.2047	1.75	_____
GASOLINE					
Self-Propelled	gal	1.78	1.4000	2.49	_____
REPAIR & MAINTENANCE					
Implements	Acre	2.11	1.0000	2.11	_____
Tractors	Acre	1.00	1.0000	1.00	_____
Harvesters	Acre	1.58	1.0000	1.58	_____
Self-Propelled	Acre	6.71	1.0000	6.71	_____
INTEREST ON OP. CAP.	Acre	4.52	1.0000	4.52	_____
TOTAL DIRECT EXPENSES				-----	_____
RETURNS ABOVE DIRECT EXPENSES				112.52	_____
				79.98	_____
FIXED EXPENSES					
Implements	Acre	4.55	1.0000	4.55	_____
Tractors	Acre	6.82	1.0000	6.82	_____
Harvesters	Acre	6.78	1.0000	6.78	_____
Self-Propelled	Acre	9.35	1.0000	9.35	_____
TOTAL FIXED EXPENSES				-----	_____
				27.50	_____
TOTAL SPECIFIED EXPENSES				-----	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				140.02	_____
				52.48	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	75.54	1.0000	75.54	_____
RESIDUAL RETURNS				-----	_____
				-23.06	_____

Table 16.B Estimated resource use and costs for field operations, per Acre  
 Soybeans, Stale Seedbed, 8- 38" Row Equipment  
 Owner-Operator, Alluvial Soils, Northeast Louisiana, 2005

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 Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Oct	1.30	1.72	0.28	0.82	0.07	0.71				4.83
App by Air ( 5 gal)	appl			1.00	May							1.0000	4.00	4.00	4.00
Roundup Ultra	MAX pt											1.0000	6.84	6.84	6.84
Harmony Extra	oz											0.3300	12.48	4.12	4.12
Surfactant	pt											0.2000	1.54	0.31	0.31
Plant & Pre Rigid	8R-38	MFWD 170	0.077	1.00	May	1.22	1.64	0.72	1.52	0.15	1.48				6.58
Soybean Seed Private	lb											50.0000	0.38	19.00	19.00
Dual II Magnum	pt											1.5000	13.49	20.24	20.24
Ditcher		2WD 130	0.020	1.00	May	0.23	0.28	0.02	0.03	0.02	0.19				0.75
Row Cond (Plant)	27'	MFWD 190	0.075	1.00	May	1.33	1.76	0.18	0.83	0.07	0.73				4.83
Spray (Direct/Hood)	8R-38	MFWD 170	0.066	1.00	Jun	1.06	1.42	0.42	0.55	0.10	0.96				4.41
Sencor 4F	pt											0.7500	12.15	9.11	9.11
Surfactant	pt											0.1000	1.54	0.15	0.15
App by Air ( 2 gal)	appl			1.00	Jul							1.0000	2.50	2.50	2.50
Karate Z	oz											1.6000	2.88	4.61	4.61
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.50	2.50	2.50
Karate Z	oz											2.0000	2.88	5.76	5.76
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	3.33	6.78	0.49	0.80	0.08	1.30				12.70
LA Truck	5 Ton		1.000	0.28	Oct	9.20	9.35				0.30				21.51
LA Other Labor	hour										0.07				0.75
TOTALS						17.67	22.95	2.11	4.55	0.89	9.08			79.14	135.50
INTEREST ON OPERATING CAPITAL															4.52
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															140.02

Table 17. A Estimated costs and returns per Acre  
 RR Soybeans, Stale Seedbed, 8- 38" Row Equipment  
 Owner-Operator, Alluvial Clay Soil, Northeast Louisiana, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	5.50	35.0000	192.50	_____
				-----	
TOTAL INCOME				192.50	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 5 gal)	appl	4.00	2.0000	8.00	_____
App by Air ( 2 gal)	appl	2.50	2.0000	5.00	_____
HERBICIDES					
Roundup Ultra MAX	pt	6.84	1.0000	6.84	_____
Harmony Extra	oz	12.48	0.3300	4.12	_____
Roundup Original Max	pt	5.98	4.0000	23.92	_____
INSECTICIDES					
Karate Z	oz	2.88	3.6000	10.37	_____
SEED/PLANTS					
Soybean Seed RR	lb	0.56	50.0000	28.00	_____
ADJUVANTS					
Surfactant	pt	1.54	0.2000	0.31	_____
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	0.2864	2.75	_____
Self-Propelled	hour	9.60	0.3080	2.96	_____
LA Other Labor					
Special Labor	hour	9.60	0.0784	0.75	_____
DIESEL FUEL					
Tractors	gal	1.45	2.6192	3.79	_____
Harvesters	gal	1.45	1.2047	1.75	_____
GASOLINE					
Self-Propelled	gal	1.78	1.4000	2.49	_____
REPAIR & MAINTENANCE					
Implements	Acre	1.62	1.0000	1.62	_____
Tractors	Acre	0.91	1.0000	0.91	_____
Harvesters	Acre	1.58	1.0000	1.58	_____
Self-Propelled	Acre	6.71	1.0000	6.71	_____
INTEREST ON OP. CAP.	Acre	4.65	1.0000	4.65	_____
				-----	
TOTAL DIRECT EXPENSES				118.73	_____
RETURNS ABOVE DIRECT EXPENSES				73.77	_____
FIXED EXPENSES					
Implements	Acre	3.77	1.0000	3.77	_____
Tractors	Acre	6.24	1.0000	6.24	_____
Harvesters	Acre	6.78	1.0000	6.78	_____
Self-Propelled	Acre	9.35	1.0000	9.35	_____
				-----	
TOTAL FIXED EXPENSES				26.14	_____
				-----	
TOTAL SPECIFIED EXPENSES				144.87	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				47.63	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	75.54	1.0000	75.54	_____
RESIDUAL RETURNS				-27.91	_____

Table 17.B Estimated resource use and costs for field operations, per Acre  
 RR Soybeans, Stale Seedbed, 8- 38" Row Equipment  
 Owner-Operator, Alluvial Clay Soil, Northeast Louisiana, 2005

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 Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Oct	1.30	1.72	0.28	0.82	0.07	0.71				4.83
App by Air ( 5 gal)	appl			1.00	May							1.0000	4.00	4.00	4.00
Roundup Ultra	MAX pt											1.0000	6.84	6.84	6.84
Harmony Extra	oz											0.3300	12.48	4.12	4.12
Surfactant	pt											0.2000	1.54	0.31	0.31
Plant - Rigid	8R-38	MFWD 170	0.074	1.00	May	1.17	1.58	0.55	1.16	0.14	1.42				5.88
Soybean Seed RR	lb											50.0000	0.56	28.00	28.00
Ditcher		2WD 130	0.020	1.00	May	0.23	0.28	0.02	0.03	0.02	0.19				0.75
Row Cond (Plant)	27'	MFWD 190	0.075	1.00	May	1.33	1.76	0.18	0.83	0.07	0.73				4.83
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Jun	0.67	0.90	0.10	0.13	0.06	0.61				2.41
Roundup Original	Max pt											2.0000	5.98	11.96	11.96
App by Air ( 5 gal)	appl			1.00	Jun							1.0000	4.00	4.00	4.00
Roundup Original	Max pt											2.0000	5.98	11.96	11.96
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.50	2.50	2.50
Karate Z	oz											1.6000	2.88	4.61	4.61
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.50	2.50	2.50
Karate Z	oz											2.0000	2.88	5.76	5.76
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	3.33	6.78	0.49	0.80	0.08	1.30				12.70
LA Truck	5 Ton		1.000	0.28	Oct	9.20	9.35				0.30				21.51
LA Other Labor	hour										0.07				0.75
TOTALS						17.23	22.37	1.62	3.77	0.85	8.67			86.56	140.22
INTEREST ON OPERATING CAPITAL															4.65
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															144.87

Table 18.A Estimated costs and returns per Acre  
 Roundup Ready Soybeans, 12-Row Equipment (20" Rows),  
 Owner-Operator, Alluvial Soil, Louisiana, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	5.50	35.0000	192.50	_____
				-----	
TOTAL INCOME				192.50	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 5 gal)	appl	4.00	2.0000	8.00	_____
App by Air ( 2 gal)	appl	2.50	1.0000	2.50	_____
HERBICIDES					
Roundup Ultra MAX	pt	6.84	4.0000	27.36	_____
Harmony Extra	oz	12.48	0.3300	4.12	_____
INSECTICIDES					
Karate Z	oz	2.88	3.2000	9.22	_____
SEED/PLANTS					
Soybean Seed RR	lb	0.56	50.0000	28.00	_____
ADJUVANTS					
Surfactant	pt	1.54	1.0000	1.54	_____
LA OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	_____
Self-Propelled	hour	15.30	0.0176	0.27	_____
LA Hired Labor					
Implements	hour	9.60	0.0626	0.60	_____
Tractors	hour	9.60	0.2292	2.19	_____
Self-Propelled	hour	9.60	0.3168	3.04	_____
LA Other Labor					
Special Labor	hour	9.60	0.1984	1.90	_____
DIESEL FUEL					
Tractors	gal	1.45	2.0514	2.96	_____
Harvesters	gal	1.45	1.2047	1.75	_____
Self-Propelled	gal	1.45	0.1815	0.26	_____
GASOLINE					
Self-Propelled	gal	1.78	1.4000	2.49	_____
REPAIR & MAINTENANCE					
Implements	Acre	2.45	1.0000	2.45	_____
Tractors	Acre	0.71	1.0000	0.71	_____
Harvesters	Acre	1.58	1.0000	1.58	_____
Self-Propelled	Acre	6.84	1.0000	6.84	_____
INTEREST ON OP. CAP.	Acre	4.59	1.0000	4.59	_____
				-----	
TOTAL DIRECT EXPENSES				113.67	_____
RETURNS ABOVE DIRECT EXPENSES				78.83	_____
FIXED EXPENSES					
Implements	Acre	4.95	1.0000	4.95	_____
Tractors	Acre	4.82	1.0000	4.82	_____
Harvesters	Acre	6.78	1.0000	6.78	_____
Self-Propelled	Acre	10.25	1.0000	10.25	_____
				-----	
TOTAL FIXED EXPENSES				26.80	_____
				-----	
TOTAL SPECIFIED EXPENSES				140.47	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				52.03	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	87.64	1.0000	87.64	_____
RESIDUAL RETURNS				-35.61	_____

Table 18.B Estimated resource use and costs for field operations, per Acre  
 Roundup Ready Soybeans, 12-Row Equipment (20" Rows),  
 Owner-Operator, Alluvial Soil, Louisiana, 2005

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-----				
Chisel Plow(Folding)	24'	MFWD 190	0.076	1.00	Sep	1.34	1.77	0.52	1.00	0.07	0.73					5.36
Disk Harrow	28'	MFWD 190	0.070	1.00	Oct	1.23	1.63	0.52	1.21	0.07	0.67					5.26
App by Air ( 5 gal)	appl			1.00	Apr							1.0000	4.00	4.00		4.00
Roundup Ultra MAX	pt											1.0000	6.84	6.84		6.84
Harmony Extra	oz											0.3300	12.48	4.12		4.12
Surfactant	pt											1.0000	1.54	1.54		1.54
Plant - Folding	12R-30	MFWD 150	0.062	1.00	May	0.87	1.14	0.90	1.91	0.12	1.20					6.02
LA Other Labor	hour									0.12	1.15					1.15
Soybean Seed RR	lb											50.0000	0.56	28.00		28.00
Ditcher		2WD 130	0.020	1.00	May	0.23	0.28	0.02	0.03	0.02	0.19					0.75
Sprayer( 600-750Gal)	60'		0.017	1.00	Jun	0.39	0.90			0.02	0.35					1.64
Roundup Ultra MAX	pt											1.5000	6.84	10.26		10.26
App by Air ( 5 gal)	appl			1.00	Jun							1.0000	4.00	4.00		4.00
Roundup Ultra MAX	pt											1.5000	6.84	10.26		10.26
App by Air ( 1 gal)	appl			1.00	Aug							1.0000				4.61
Karate Z	oz											1.6000	2.88	4.61		4.61
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.50	2.50		2.50
Karate Z	oz											1.6000	2.88	4.61		4.61
Header - Soybean	30' Flex	275hp	0.085	1.00	Sep	3.33	6.78	0.49	0.80	0.08	1.30					12.70
LA Truck		5 Ton	1.000	0.28	Oct	9.20	9.35			0.30	2.96					21.51
LA Other Labor	hour									0.07	0.75					0.75
TOTALS						16.59	21.85	2.45	4.95	0.90	9.30			80.74		135.88
INTEREST ON OPERATING CAPITAL																4.59
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																140.47

Table 19.A Estimated costs and returns per Acre  
 RR Soybeans, Stale Seedbed, 12-20" Row Equipment  
 Tenant-Operator, Alluvial Clay Soil, Northeast Louisiana, 200

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	5.50	35.0000	192.50	_____
Soybean share rent	bu	5.50	-7.0000	-38.50	_____
				-----	
TOTAL INCOME				154.00	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 5 gal)	appl	4.00	2.0000	8.00	_____
App by Air ( 2 gal)	appl	2.50	2.0000	5.00	_____
HERBICIDES					
Roundup Ultra MAX	pt	6.84	1.0000	6.84	_____
Harmony Extra	oz	12.48	0.3300	4.12	_____
Squadron CE	pt	4.58	3.0000	13.74	_____
INSECTICIDES					
Karate Z	oz	2.88	3.6000	10.37	_____
SEED/PLANTS					
Soybean Seed RR	lb	0.56	50.0000	28.00	_____
ADJUVANTS					
Surfactant	pt	1.54	0.2000	0.31	_____
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	0.2643	2.54	_____
Self-Propelled	hour	9.60	0.3080	2.96	_____
LA Other Labor					
Special Labor	hour	9.60	0.1984	1.90	_____
DIESEL FUEL					
Tractors	gal	1.45	2.5426	3.68	_____
Harvesters	gal	1.45	1.2047	1.75	_____
GASOLINE					
Self-Propelled	gal	1.78	1.4000	2.49	_____
REPAIR & MAINTENANCE					
Implements	Acre	2.07	1.0000	2.07	_____
Tractors	Acre	0.86	1.0000	0.86	_____
Harvesters	Acre	1.58	1.0000	1.58	_____
Self-Propelled	Acre	6.71	1.0000	6.71	_____
INTEREST ON OP. CAP.	Acre	4.37	1.0000	4.37	_____
				-----	
TOTAL DIRECT EXPENSES				109.69	_____
RETURNS ABOVE DIRECT EXPENSES				44.31	_____
FIXED EXPENSES					
Implements	Acre	4.33	1.0000	4.33	_____
Tractors	Acre	5.96	1.0000	5.96	_____
Harvesters	Acre	6.78	1.0000	6.78	_____
Self-Propelled	Acre	9.35	1.0000	9.35	_____
				-----	
TOTAL FIXED EXPENSES				26.42	_____
				-----	
TOTAL SPECIFIED EXPENSES				136.11	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				17.89	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	75.54	1.0000	75.54	_____
RESIDUAL RETURNS				-57.65	_____

Table 19.B Estimated resource use and costs for field operations, per Acre  
 RR Soybeans, Stale Seedbed, 12-20" Row Equipment  
 Tenant-Operator, Alluvial Clay Soil, Northeast Louisiana, 2005

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	32'	MFWD 225	0.061	1.00	Oct	1.26	1.61	0.51	1.19	0.06	0.59				5.16
App by Air ( 5 gal)	appl			1.00	May							1.0000	4.00	4.00	4.00
Roundup Ultra MAX	pt											1.0000	6.84	6.84	6.84
Harmony Extra	oz											0.3300	12.48	4.12	4.12
Surfactant	pt											0.2000	1.54	0.31	0.31
Plant - Rigid	12R-20	MFWD 190	0.094	1.00	May	1.65	2.18	0.91	1.91	0.18	1.80				8.45
LA Other Labor	hour									0.12	1.15				1.15
Soybean Seed RR	lb											50.0000	0.56	28.00	28.00
Squadron CE	pt											3.0000	4.58	13.74	13.74
Ditcher		2WD 130	0.020	1.00	May	0.23	0.28	0.02	0.03	0.02	0.19				0.75
Roller	32'	MFWD 170	0.046	1.00	May	0.73	0.99	0.04	0.27	0.04	0.45				2.48
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Jun	0.67	0.90	0.10	0.13	0.06	0.61				2.41
Glyphosate Plus 4L	pt											2.0000			
App by Air ( 5 gal)	appl			1.00	Jun							1.0000	4.00	4.00	4.00
Roundup Ultra 4SL	pt											1.5000			
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.50	2.50	2.50
Karate Z	oz											1.6000	2.88	4.61	4.61
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.50	2.50	2.50
Karate Z	oz											2.0000	2.88	5.76	5.76
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	3.33	6.78	0.49	0.80	0.08	1.30				12.70
LA Truck	5 Ton		1.000	0.28	Oct	9.20	9.35			0.30	2.96				21.51
LA Other Labor	hour									0.07	0.75				0.75
TOTALS						17.07	22.09	2.07	4.33	0.97	9.80			76.38	131.74
INTEREST ON OPERATING CAPITAL															4.37
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															136.11

Table 20.A Estimated costs and returns per Acre  
 Soybeans, Clay Soil, 8-Row Equipment, Drill Plant,  
 Owner-Operator, Northeast Louisiana, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	5.50	30.0000	165.00	_____
				-----	
TOTAL INCOME				165.00	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 5 gal)	appl	4.00	2.0000	8.00	_____
App by Air ( 2 gal)	appl	2.50	2.0000	5.00	_____
HERBICIDES					
2,4-D Amine 4	pt	1.64	2.0000	3.28	_____
Roundup Original Max	pt	5.98	2.0000	11.96	_____
Treflan HFP	pt	3.19	2.0000	6.38	_____
Scepter 70 DG	oz	3.53	2.8000	9.88	_____
Reflex 2LC	pt	11.49	1.0000	11.49	_____
INSECTICIDES					
Karate Z	oz	2.88	1.6000	4.61	_____
SEED/PLANTS					
Soybean Seed Private	lb	0.38	60.0000	22.80	_____
ADJUVANTS					
Surfactant	pt	1.54	0.4000	0.62	_____
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	0.2884	2.76	_____
Self-Propelled	hour	9.60	0.3080	2.96	_____
LA Other Labor					
Special Labor	hour	9.60	0.0784	0.75	_____
DIESEL FUEL					
Tractors	gal	1.45	2.5069	3.63	_____
Harvesters	gal	1.45	1.4457	2.10	_____
GASOLINE					
Self-Propelled	gal	1.78	1.4000	2.49	_____
REPAIR & MAINTENANCE					
Implements	Acre	2.69	1.0000	2.69	_____
Tractors	Acre	0.88	1.0000	0.88	_____
Harvesters	Acre	1.90	1.0000	1.90	_____
Self-Propelled	Acre	6.71	1.0000	6.71	_____
INTEREST ON OP. CAP.	Acre	5.01	1.0000	5.01	_____
				-----	
TOTAL DIRECT EXPENSES				118.52	_____
RETURNS ABOVE DIRECT EXPENSES				46.48	_____
FIXED EXPENSES					
Implements	Acre	5.78	1.0000	5.78	_____
Tractors	Acre	5.97	1.0000	5.97	_____
Harvesters	Acre	8.13	1.0000	8.13	_____
Self-Propelled	Acre	9.35	1.0000	9.35	_____
				-----	
TOTAL FIXED EXPENSES				29.23	_____
				-----	
TOTAL SPECIFIED EXPENSES				147.75	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				17.25	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	87.64	1.0000	87.64	_____
RESIDUAL RETURNS				-70.39	_____

Table 20.B Estimated resource use and costs for field operations, per Acre  
 Soybeans, Clay Soil, 8-Row Equipment, Drill Plant,  
 Owner-Operator, NortheastLouisiana, 2005

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC HOURS	LABOR COST	OPERATING/DURABLE INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED			AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Disk Harrow	28'	MFWD 170	0.070	1.00	Oct	1.11	1.49	0.52	1.21	0.07	0.67					5.00
App by Air ( 5 gal)	appl			1.00	Apr							1.0000	4.00	4.00		4.00
2,4-D Amine 4	pt											2.0000	1.64	3.28		3.28
Roundup Original Max	pt											2.0000	5.98	11.96		11.96
Disk & Incorporate	32'	MFWD 170	0.064	1.00	Apr	1.02	1.37	0.58	1.13	0.09	0.93					5.03
Treflan HFP	pt											2.0000	3.19	6.38		6.38
Row Cond (Harrow)	27'	MFWD 150	0.055	1.00	May	0.77	1.01	0.13	0.61	0.05	0.53					3.05
Grain Drill & Pre	24'	MFWD 190	0.078	1.00	May	1.38	1.82	0.93	1.96	0.15	1.50					7.59
Soybean Seed Private	lb											60.0000	0.38	22.80		22.80
Scepter 70 DG	oz											2.8000	3.53	9.88		9.88
Ditcher		2WD 130	0.020	1.00	May	0.23	0.28	0.02	0.03	0.02	0.19					0.75
App by Air ( 5 gal)	appl			1.00	Jun							1.0000	4.00	4.00		4.00
Blazer 2L	pt											1.0000				
Surfactant	pt											0.4000	1.54	0.62		0.62
App by Air ( 2 gal)	appl			1.00	Jul							1.0000	2.50	2.50		2.50
Reflex 2LC	pt											1.0000	11.49	11.49		11.49
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.50	2.50		2.50
Karate Z	oz											1.6000	2.88	4.61		4.61
Header - Soybean	25' Flex	275hp	0.102	1.00	Sep	4.00	8.13	0.51	0.84	0.10	1.56					15.04
LA Truck	5 Ton		1.000	0.28	Oct	9.20	9.35			0.30	2.96					21.51
LA Other Labor	hour									0.07	0.75					0.75
TOTALS						17.71	23.45	2.69	5.78	0.88	9.09				84.02	142.74
INTEREST ON OPERATING CAPITAL																5.01
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																147.75

Table 21.A Estimated costs and returns per Acre  
 Soybeans, Silty Soil, 8-Row Equipment (38" rows),  
 Tenant-Operator, Macon Ridge Area, Louisiana, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	5.50	30.0000	165.00	_____
Soybean share rent	bu	5.50	-7.5000	-41.25	_____
				-----	
TOTAL INCOME				123.75	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 2 gal)	appl	2.50	2.0000	5.00	_____
HERBICIDES					
Lorox 50DF	lb	13.99	0.7500	10.49	_____
Classic	oz	12.60	0.7500	9.45	_____
Fusilade DX	oz	1.05	2.0800	2.18	_____
INSECTICIDES					
Karate Z	oz	2.88	1.6000	4.61	_____
Pounce 3.2 EC	oz	1.05	2.0000	2.10	_____
SEED/PLANTS					
Soybean Seed Private	lb	0.38	45.0000	17.10	_____
ADJUVANTS					
Surfactant	pt	1.54	0.0400	0.06	_____
Crop Oil ( Seed Oil)	pt	2.15	0.1300	0.28	_____
LA OPERATOR LABOR					
Harvesters	hour	15.30	0.1161	1.78	_____
LA Hired Labor					
Implements	hour	9.60	0.1966	1.88	_____
Tractors	hour	9.60	0.6489	6.22	_____
Self-Propelled	hour	9.60	0.3080	2.96	_____
LA Other Labor					
Special Labor	hour	9.60	0.0784	0.75	_____
DIESEL FUEL					
Tractors	gal	1.45	6.0380	8.75	_____
Harvesters	gal	1.45	1.4338	2.08	_____
GASOLINE					
Self-Propelled	gal	1.78	1.4000	2.49	_____
REPAIR & MAINTENANCE					
Implements	Acre	3.85	1.0000	3.85	_____
Tractors	Acre	2.09	1.0000	2.09	_____
Harvesters	Acre	1.92	1.0000	1.92	_____
Self-Propelled	Acre	6.71	1.0000	6.71	_____
INTEREST ON OP. CAP.	Acre	3.78	1.0000	3.78	_____
				-----	
TOTAL DIRECT EXPENSES				96.53	_____
RETURNS ABOVE DIRECT EXPENSES				27.22	_____
FIXED EXPENSES					
Implements	Acre	9.76	1.0000	9.76	_____
Tractors	Acre	14.11	1.0000	14.11	_____
Harvesters	Acre	8.19	1.0000	8.19	_____
Self-Propelled	Acre	9.35	1.0000	9.35	_____
				-----	
TOTAL FIXED EXPENSES				41.41	_____
				-----	
TOTAL SPECIFIED EXPENSES				137.94	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-14.19	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	75.54	1.0000	75.54	_____
RESIDUAL RETURNS				-89.73	_____

Table 21.B Estimated resource use and costs for field operations, per Acre  
 Soybeans, Silty Soil, 8-Row Equipment (38" rows),  
 Tenant-Operator, Macon Ridge, Louisiana, 2005

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 225	0.070	2.00	Apr	2.90	3.69	1.04	2.42	0.14	1.35				11.40
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Apr	1.30	1.72	0.22	0.64	0.07	0.71				4.59
Row Cond (Plant)	27'	MFWD 190	0.075	1.00	May	1.33	1.76	0.18	0.83	0.07	0.73				4.83
Plant - Rigid	8R-38	MFWD 170	0.074	1.00	May	1.17	1.58	0.55	1.16	0.14	1.42				5.88
Soybean Seed Private	lb											45.0000	0.38	17.10	17.10
Ditcher		2WD 105	0.020	1.00	May	0.19	0.21	0.02	0.03	0.02	0.19				0.64
Cult & Post	8R-38	MFWD 190	0.081	1.00	May	1.44	1.89	0.43	1.26	0.12	1.17				6.19
Lorox 50DF	lb											0.7500	13.99	10.49	10.49
Cult & Post	8R-38	MFWD 150	0.081	1.00	Jun	1.14	1.49	0.43	1.26	0.12	1.17				5.49
Classic	oz											0.7500	12.60	9.45	9.45
Surfactant	pt											0.0400	1.54	0.06	0.06
Ditcher		2WD 130	0.020	1.00	Jun	0.23	0.28	0.02	0.03	0.02	0.19				0.75
Cult & Post	8R-38	MFWD 150	0.081	1.00	Jun	1.14	1.49	0.43	1.26	0.12	1.17				5.49
Fusilade DX	oz											2.0800	1.05	2.18	2.18
Crop Oil ( Seed Oil)	pt											0.1300	2.15	0.28	0.28
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.50	2.50	2.50
Karate Z	oz											1.6000	2.88	4.61	4.61
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.50	2.50	2.50
Pounce 3.2 EC	oz											2.0000	1.05	2.10	2.10
Header - Soybean	22' Flex	240hp	0.116	1.00	Oct	4.00	8.19	0.53	0.87	0.11	1.78				15.37
LA Truck		5 Ton	1.000	0.28	Oct	9.20	9.35			0.30	2.96				21.51
LA Other Labor	hour									0.07	0.75				0.75
TOTALS						24.04	31.65	3.85	9.76	1.34	13.59			51.27	134.16
INTEREST ON OPERATING CAPITAL															3.78
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															137.94

Table 22.A Estimated costs and returns per Acre  
 Corn, Sandy Soil, 8-Row Equipment (38" Rows), Owner-  
 Operator, Alluvial Soil, Northeast Louisiana, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Corn	bu	2.25	160.0000	360.00	_____
				-----	
TOTAL INCOME				360.00	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 3 gal)	appl	3.00	1.0000	3.00	_____
App by Air ( 2 gal)	appl	2.50	2.0000	5.00	_____
GIN/DRY					
Dry Corn	bu	0.19	160.0000	30.40	_____
FERTILIZERS					
LA Phosphate	lb	0.26	60.0000	15.60	_____
LA Potash	lb	0.15	60.0000	9.00	_____
LA Nitrogen	lb	0.30	160.0000	48.00	_____
HERBICIDES					
Atrazine 4L	pt	1.26	4.0000	5.04	_____
Lasso 4EC	qt	5.92	1.5000	8.88	_____
INSECTICIDES					
Counter CR	lb	2.77	7.0000	19.39	_____
Pounce 3.2 EC	oz	1.05	1.6000	1.68	_____
Asana .66 XL	oz	0.71	6.0000	4.26	_____
SEED/PLANTS					
Corn Seed Conv.	thous	1.43	30.0000	42.90	_____
LA OPERATOR LABOR					
Harvesters	hour	15.30	0.1009	1.54	_____
LA Hired Labor					
Special Labor	hour	9.60	0.1600	1.54	_____
Implements	hour	9.60	0.1969	1.88	_____
Tractors	hour	9.60	0.5744	5.52	_____
Self-Propelled	hour	9.60	0.4400	4.22	_____
LA Other Labor					
Special Labor	hour	9.60	0.1200	1.15	_____
DIESEL FUEL					
Tractors	gal	1.45	5.4933	7.96	_____
Harvesters	gal	1.45	1.4285	2.07	_____
GASOLINE					
Self-Propelled	gal	1.78	2.0000	3.56	_____
REPAIR & MAINTENANCE					
Implements	Acre	3.97	1.0000	3.97	_____
Tractors	Acre	1.88	1.0000	1.88	_____
Harvesters	Acre	1.88	1.0000	1.88	_____
Self-Propelled	Acre	9.58	1.0000	9.58	_____
INTEREST ON OP. CAP.	Acre	11.95	1.0000	11.95	_____
				-----	
TOTAL DIRECT EXPENSES				251.85	_____
RETURNS ABOVE DIRECT EXPENSES				108.15	_____
FIXED EXPENSES					
Implements	Acre	7.48	1.0000	7.48	_____
Tractors	Acre	12.93	1.0000	12.93	_____
Harvesters	Acre	8.04	1.0000	8.04	_____
Self-Propelled	Acre	13.35	1.0000	13.35	_____
				-----	
TOTAL FIXED EXPENSES				41.80	_____
				-----	
TOTAL SPECIFIED EXPENSES				293.65	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				66.35	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	87.64	1.0000	87.64	_____
RESIDUAL RETURNS				-21.29	_____

Table 22.B Estimated resource use and costs for field operations, per Acre  
 Corn, Sandy Soil, 8-Row Equipment (38" Rows), Owner-  
 Operator, Alluvial Soil, Northeast Louisiana, 2005

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-----				
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Sep	0.74	0.98	0.14	0.30	0.08	0.80					2.96
LA Phosphate	lb											60.0000	0.26	15.60		15.60
LA Potash	lb											60.0000	0.15	9.00		9.00
Disk Harrow	28'	MFWD 225	0.070	1.00	Sep	1.45	1.84	0.52	1.21	0.07	0.67					5.69
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	1.30	1.72	0.22	0.64	0.07	0.71					4.59
App by Air ( 3 gal)	appl			1.00	Feb							1.0000	3.00	3.00		3.00
Glyphosate Plus 4L	pt											2.0000				
Ditcher		2WD 130	0.020	1.00	Mar	0.23	0.28	0.02	0.03	0.02	0.19					0.75
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	0.50	Mar	0.66	0.86	0.11	0.32	0.03	0.36					2.31
Roller	32'	MFWD 170	0.046	1.00	Mar	0.73	0.99	0.04	0.27	0.04	0.45					2.48
Plant & Pre Rigid	8R-38	MFWD 170	0.077	1.00	Mar	1.22	1.64	0.72	1.52	0.15	1.48					6.58
LA Other Labor	hour									0.12	1.15					1.15
Corn Seed Conv.	thous											30.0000	1.43	42.90		42.90
Atrazine 4L	pt											4.0000	1.26	5.04		5.04
Lasso 4EC	qt											1.5000	5.92	8.88		8.88
Counter CR	lb											7.0000	2.77	19.39		19.39
LA Nitrogen	lb											30.0000	0.30	9.00		9.00
Ditcher		2WD 130	0.020	1.00	Mar	0.23	0.28	0.02	0.03	0.02	0.19					0.75
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	1.36	1.80	0.56	0.69	0.11	1.12					5.53
LA Nitrogen	lb											100.0000	0.30	30.00		30.00
App by Air ( 2 gal)	appl			1.00	May							1.0000	2.50	2.50		2.50
Pounce 3.2 EC	oz											1.6000	1.05	1.68		1.68
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Jun	1.36	1.80	0.56	0.69	0.11	1.12					5.53
LA Nitrogen	lb											30.0000	0.30	9.00		9.00
App by Air ( 2 gal)	appl			1.00	Jun							1.0000	2.50	2.50		2.50
Asana .66 XL	oz											6.0000	0.71	4.26		4.26
Header - Corn	8R38"	275hp	0.100	1.00	Aug	3.95	8.04	0.93	1.53	0.10	1.54					15.99
Dry Corn	bu											160.0000	0.19	30.40		30.40
LA Truck		5 Ton	1.000	0.40	Aug	13.14	13.35			0.44	4.22					30.71
LA Hired Labor	hour									0.16	1.54					1.54
Corn Grain Cart 8R30	500 bu	MFWD 190	0.127	0.25	Aug	0.56	0.74	0.13	0.25	0.03	0.31					1.99
TOTALS						26.93	34.32	3.97	7.48	1.59	15.85			193.15		281.70
INTEREST ON OPERATING CAPITAL																11.95
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																293.65

Table 23.A Estimated costs and returns per Acre  
 Corn, Sandy Soil, 8-Row Equipment (38" Rows), Tenant-  
 Operator, Alluvial Soil, Northeast Louisiana, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Corn	bu	2.25	160.0000	360.00	_____
Corn share rent	bu	2.25	-40.0000	-90.00	_____
				-----	
TOTAL INCOME				270.00	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 3 gal)	appl	3.00	1.0000	3.00	_____
App by Air ( 2 gal)	appl	2.50	2.0000	5.00	_____
GIN/DRY					
Dry Corn	bu	0.19	120.0000	22.80	_____
FERTILIZERS					
LA Phosphate	lb	0.26	60.0000	15.60	_____
LA Potash	lb	0.15	60.0000	9.00	_____
LA Nitrogen	lb	0.30	100.0000	30.00	_____
HERBICIDES					
Atrazine 4L	pt	1.26	2.0000	2.52	_____
Lasso 4EC	qt	5.92	1.5000	8.88	_____
Dual II Magnum	pt	13.49	1.3300	17.94	_____
INSECTICIDES					
Counter CR	lb	2.77	7.0000	19.39	_____
Pounce 3.2 EC	oz	1.05	1.6000	1.68	_____
Asana .66 XL	oz	0.71	6.0000	4.26	_____
SEED/PLANTS					
Corn Seed Conv.	thous	1.43	30.0000	42.90	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.2310	3.54	_____
LA Hired Labor					
Special Labor	hour	9.60	0.2800	2.69	_____
Implements	hour	9.60	0.1580	1.51	_____
Tractors	hour	9.60	0.5285	5.08	_____
Self-Propelled	hour	9.60	0.4400	4.22	_____
DIESEL FUEL					
Tractors	gal	1.45	4.5888	6.65	_____
Self-Propelled	gal	1.45	1.4915	2.16	_____
GASOLINE					
Self-Propelled	gal	1.78	2.0000	3.56	_____
REPAIR & MAINTENANCE					
Implements	Acre	2.55	1.0000	2.55	_____
Tractors	Acre	1.58	1.0000	1.58	_____
Self-Propelled	Acre	17.98	1.0000	17.98	_____
INTEREST ON OP. CAP.	Acre	11.87	1.0000	11.87	_____
				-----	
TOTAL DIRECT EXPENSES				246.36	_____
RETURNS ABOVE DIRECT EXPENSES				23.64	_____
FIXED EXPENSES					
Implements	Acre	5.40	1.0000	5.40	_____
Tractors	Acre	10.77	1.0000	10.77	_____
Self-Propelled	Acre	27.11	1.0000	27.11	_____
				-----	
TOTAL FIXED EXPENSES				43.28	_____
				-----	
TOTAL SPECIFIED EXPENSES				289.64	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-19.64	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	87.64	1.0000	87.64	_____
RESIDUAL RETURNS				-107.28	_____

Table 23.B Estimated resource use and costs for field operations, per Acre  
 Corn, Sandy Soil, 8-Row Equipment (38" Rows), Tenant-  
 Operator, Alluvial Soil, Northeast Louisiana, 2005

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-----			
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Sep	0.74	0.98	0.14	0.30	0.08	0.80				2.96
LA Phosphate	lb											60.0000	0.26	15.60	15.60
LA Potash	lb											60.0000	0.15	9.00	9.00
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	1.30	1.72	0.22	0.64	0.07	0.71				4.59
App by Air ( 3 gal)	appl			1.00	Feb							1.0000	3.00	3.00	3.00
Glyphosate Plus 4L	pt											2.0000			
Ditcher		2WD 130	0.020	1.00	Mar	0.23	0.28	0.02	0.03	0.02	0.19				0.75
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	0.50	Mar	0.66	0.86	0.11	0.32	0.03	0.36				2.31
Roller	32'	MFWD 170	0.046	1.00	Mar	0.73	0.99	0.04	0.27	0.04	0.45				2.48
Plant & Pre Rigid	8R-38	MFWD 170	0.077	1.00	Mar	1.22	1.64	0.72	1.52	0.15	1.48				6.58
LA Hired Labor	hour									0.12	1.15				1.15
Corn Seed Conv.	thous											30.0000	1.43	42.90	42.90
Atrazine 4L	pt											2.0000	1.26	2.52	2.52
Lasso 4EC	qt											1.5000	5.92	8.88	8.88
Counter CR	lb											7.0000	2.77	19.39	19.39
Dual II Magnum	pt											1.3300	13.49	17.94	17.94
Ditcher		2WD 130	0.020	1.00	Mar	0.23	0.28	0.02	0.03	0.02	0.19				0.75
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	1.36	1.80	0.56	0.69	0.11	1.12				5.53
LA Nitrogen	lb											100.0000	0.30	30.00	30.00
Ditcher		2WD 130	0.020	1.00	Apr	0.23	0.28	0.02	0.03	0.02	0.19				0.75
App by Air ( 2 gal)	appl			1.00	May							1.0000	2.50	2.50	2.50
Pounce 3.2 EC	oz											1.6000	1.05	1.68	1.68
App by Air ( 2 gal)	appl			1.00	Jun							1.0000	2.50	2.50	2.50
Asana .66 XL	oz											6.0000	0.71	4.26	4.26
LARice Combine Med		20 ft	0.210	1.00	Aug	10.56	13.76			0.23	3.54				27.86
Dry Corn	bu											120.0000	0.19	22.80	22.80
LA Truck		5 Ton	1.000	0.40	Aug	13.14	13.35				4.44				30.71
LA Hired Labor	hour										0.16				1.54
Corn Grain Cart 8R30	500 bu	2WD 130	0.127	0.25	Aug	0.38	0.45	0.13	0.25	0.03	0.31				1.52
Disk Harrow	24'	MFWD 150	0.081	1.00	Aug	1.15	1.49	0.57	1.32	0.08	0.79				5.32
TOTALS						31.93	37.88	2.55	5.40	1.63	17.04			182.97	277.77
INTEREST ON OPERATING CAPITAL															11.87
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															289.64

Table 24.A Estimated costs and returns per Acre  
Milo, 8-Row Equipment (38" Rows), Owner-Operator,  
Northeast Louisiana, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Grain Sorghum	bu	1.95	75.0000	146.25	_____
				-----	
TOTAL INCOME				146.25	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 2 gal)	appl	2.50	2.0000	5.00	_____
FERTILIZERS					
LA Nitrogen	lb	0.30	120.0000	36.00	_____
HERBICIDES					
Atrazine 4L	pt	1.26	4.0000	5.04	_____
Lasso 4EC	qt	5.92	2.2500	13.32	_____
INSECTICIDES					
Karate Z	oz	2.88	1.5000	4.32	_____
SEED/PLANTS					
Sorghum NonConcept	lb	1.20	8.0000	9.60	_____
LA OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	_____
LA Hired Labor					
Special Labor	hour	9.60	0.2425	2.33	_____
Implements	hour	9.60	0.1160	1.11	_____
Tractors	hour	9.60	0.6279	6.03	_____
Self-Propelled	hour	9.60	0.3850	3.70	_____
DIESEL FUEL					
Tractors	gal	1.45	5.3640	7.77	_____
Harvesters	gal	1.45	1.2047	1.75	_____
GASOLINE					
Self-Propelled	gal	1.78	1.7500	3.12	_____
REPAIR & MAINTENANCE					
Implements	Acre	3.79	1.0000	3.79	_____
Tractors	Acre	1.89	1.0000	1.89	_____
Harvesters	Acre	1.58	1.0000	1.58	_____
Self-Propelled	Acre	8.39	1.0000	8.39	_____
INTEREST ON OP. CAP.	Acre	5.35	1.0000	5.35	_____
				-----	
TOTAL DIRECT EXPENSES				121.39	_____
RETURNS ABOVE DIRECT EXPENSES				24.86	_____
FIXED EXPENSES					
Implements	Acre	8.69	1.0000	8.69	_____
Tractors	Acre	12.77	1.0000	12.77	_____
Harvesters	Acre	6.78	1.0000	6.78	_____
Self-Propelled	Acre	11.68	1.0000	11.68	_____
				-----	
TOTAL FIXED EXPENSES				39.92	_____
				-----	
TOTAL SPECIFIED EXPENSES				161.31	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-15.06	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	87.64	1.0000	87.64	_____
RESIDUAL RETURNS				-102.70	_____

Table 24.B Estimated resource use and costs for field operations, per Acre  
Milo, 8-Row Equipment (38" Rows), Owner-Operator,  
NortheastLouisiana, 2005

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	2.00	Apr	2.21	2.97	1.04	2.42	0.14	1.35				9.99
Row Cond (Plant)	27'	MFWD 150	0.075	1.00	Apr	1.06	1.38	0.18	0.83	0.07	0.73				4.18
LA Hired Labor	hour			1.00	Apr					0.12	1.15				1.15
Atrazine 4L	pt											2.0000	1.26	2.52	2.52
Lasso 4EC	qt											1.5000	5.92	8.88	8.88
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Apr	1.30	1.72	0.22	0.64	0.07	0.71				4.59
Ditcher		2WD 130	0.020	1.00	May	0.23	0.28	0.02	0.03	0.02	0.19				0.75
Plant & Pre Rigid	8R-38	MFWD 170	0.077	1.00	May	1.22	1.64	0.72	1.52	0.15	1.48				6.58
Atrazine 4L	pt											2.0000	1.26	2.52	2.52
Sorghum NonConcept	lb											8.0000	1.20	9.60	9.60
Lasso 4EC	qt											0.7500	5.92	4.44	4.44
Cultivate	8R-38	MFWD 150	0.081	1.00	May	1.14	1.49	0.32	0.94	0.08	0.78				4.67
Cultivate	8R-38	MFWD 150	0.081	1.00	May	1.14	1.49	0.32	0.94	0.08	0.78				4.67
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Jun	1.36	1.80	0.56	0.69	0.11	1.12				5.53
LA Nitrogen	lb											120.0000	0.30	36.00	36.00
App by Air ( 2 gal)	appl			1.00	Jun							1.0000	2.50	2.50	2.50
Karate Z	oz												2.88		
App by Air ( 2 gal)	appl			1.00	Jul							1.0000	2.50	2.50	2.50
Karate Z	oz											1.5000	2.88	4.32	4.32
Header Wheat/Sorghum	30' Rigid	275hp	0.085	1.00	Aug	3.33	6.78	0.41	0.68	0.08	1.30				12.50
LA Truck	5 Ton		1.000	0.35	Aug	11.51	11.68			0.38	3.70				26.89
LA Hired Labor	hour									0.12	1.18				1.18
TOTALS						24.50	31.23	3.79	8.69	1.45	14.47			73.28	155.96
INTEREST ON OPERATING CAPITAL															5.35
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															161.31

Table 25.A Estimated costs and returns per Acre  
Wheat, 8-Row Equipment, Drill Plant, Owner-Operator,  
Alluvial Soil, Northeast Louisiana, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Wheat	bu	3.00	40.0000	120.00	_____
				-----	
TOTAL INCOME				120.00	_____
DIRECT EXPENSES					
FERTILIZERS					
LA Nitrogen	lb	0.30	80.0000	24.00	_____
SEED/PLANTS					
Wheat Seed Private	lb	0.39	90.0000	35.10	_____
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	0.4145	3.98	_____
Self-Propelled	hour	9.60	0.3080	2.96	_____
LA Other Labor					
Special Labor	hour	9.60	0.0784	0.75	_____
DIESEL FUEL					
Tractors	gal	1.45	3.3833	4.90	_____
Harvesters	gal	1.45	1.2617	1.83	_____
GASOLINE					
Self-Propelled	gal	1.78	1.4000	2.49	_____
REPAIR & MAINTENANCE					
Implements	Acre	2.47	1.0000	2.47	_____
Tractors	Acre	1.17	1.0000	1.17	_____
Harvesters	Acre	1.69	1.0000	1.69	_____
Self-Propelled	Acre	6.71	1.0000	6.71	_____
INTEREST ON OP. CAP.	Acre	3.49	1.0000	3.49	_____
				-----	
TOTAL DIRECT EXPENSES				93.85	_____
RETURNS ABOVE DIRECT EXPENSES				26.15	_____
FIXED EXPENSES					
Implements	Acre	5.74	1.0000	5.74	_____
Tractors	Acre	7.87	1.0000	7.87	_____
Harvesters	Acre	7.21	1.0000	7.21	_____
Self-Propelled	Acre	9.35	1.0000	9.35	_____
				-----	
TOTAL FIXED EXPENSES				30.17	_____
				-----	
TOTAL SPECIFIED EXPENSES				124.02	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-4.02	_____

Table 25.B Estimated resource use and costs for field operations, per Acre  
Wheat, 8-Row Equipment, Drill Plant, Owner-Operator,  
Alluvial Soil, NE Louisiana 2005.Louisiana, 2005

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	2.00	Oct	2.21	2.97	1.04	2.42	0.14	1.35				9.99
Row Cond (Plant)	27'	MFWD 150	0.075	1.00	Oct	1.06	1.38	0.18	0.83	0.07	0.73				4.18
Grain Drill	24'	MFWD 190	0.078	1.00	Oct	1.38	1.82	0.78	1.65	0.15	1.50				7.13
Wheat Seed Private	lb											90.0000	0.39	35.10	35.10
SC Trailer Utility	10 ft	2WD 130	1.000	0.10	Oct	1.19	1.42	0.02	0.10	0.10	0.96				3.69
Ditcher		2WD 130	0.020	1.00	Oct	0.23	0.28	0.02	0.03	0.02	0.19				0.75
LA Nitrogen	lb			1.00	Feb							80.0000	0.30	24.00	24.00
Header Wheat/Sorghum	25' Rigid	240hp	0.102	1.00	May	3.52	7.21	0.43	0.71	0.10	1.56				13.43
LA Truck		5 Ton	1.000	0.28	May	9.20	9.35				2.96				21.51
LA Other Labor	hour										0.75				0.75
TOTALS						18.79	24.43	2.47	5.74	0.98	10.00			59.10	120.53
INTEREST ON OPERATING CAPITAL															3.49
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															124.02

Table 26.A Estimated costs and returns per Acre  
Wheat and Soybeans, (double crop), Owner-Operator  
Alluvial Soil, Northeast Louisiana, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Wheat	bu	3.00	50.0000	150.00	_____
Soybeans	bu	5.50	35.0000	192.50	_____
				-----	
TOTAL INCOME				342.50	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 2 gal)	appl	2.50	1.0000	2.50	_____
App by Air ( 5 gal)	appl	4.00	1.0000	4.00	_____
FERTILIZERS					
LA Nitrogen	lb	0.30	80.0000	24.00	_____
HERBICIDES					
Roundup Ultra MAX	pt	6.84	6.0000	41.04	_____
Lasso 4EC	qt	5.92	1.0000	5.92	_____
Scepter 70 DG	oz	3.53	0.3330	1.18	_____
INSECTICIDES					
Karate Z	oz	2.88	4.0000	11.52	_____
SEED/PLANTS					
Wheat Seed Private	lb	0.39	90.0000	35.10	_____
Soybean Seed RR	lb	0.56	50.0000	28.00	_____
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	0.4871	4.67	_____
Self-Propelled	hour	9.60	0.6160	5.92	_____
LA Other Labor					
Special Labor	hour	9.60	0.2768	2.65	_____
DIESEL FUEL					
Tractors	gal	1.45	4.5798	6.64	_____
Harvesters	gal	1.45	2.7075	3.93	_____
GASOLINE					
Self-Propelled	gal	1.78	2.8000	4.98	_____
REPAIR & MAINTENANCE					
Implements	Acre	4.23	1.0000	4.23	_____
Tractors	Acre	1.57	1.0000	1.57	_____
Harvesters	Acre	3.59	1.0000	3.59	_____
Self-Propelled	Acre	13.42	1.0000	13.42	_____
INTEREST ON OP. CAP.	Acre	8.63	1.0000	8.63	_____
				-----	
TOTAL DIRECT EXPENSES				219.02	_____
RETURNS ABOVE DIRECT EXPENSES				123.48	_____
FIXED EXPENSES					
Implements	Acre	8.75	1.0000	8.75	_____
Tractors	Acre	10.81	1.0000	10.81	_____
Harvesters	Acre	15.34	1.0000	15.34	_____
Self-Propelled	Acre	18.70	1.0000	18.70	_____
				-----	
TOTAL FIXED EXPENSES				53.60	_____
				-----	
TOTAL SPECIFIED EXPENSES				272.62	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				69.88	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	87.64	1.0000	87.64	_____
RESIDUAL RETURNS				-17.76	_____

Table 26.B Estimated resource use and costs for field operations, per Acre  
Wheat and Soybeans, (double crop), Owner-Operator  
Alluvial Soil, Northeast Louisiana, 2005

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	1.11	1.49	0.52	1.21	0.07	0.67				5.00
Row Cond (Plant)	27'	MFWD 190	0.075	1.00	Oct	1.33	1.76	0.18	0.83	0.07	0.73				4.83
Grain Drill	30'	MFWD 225	0.062	1.00	Oct	1.30	1.65	0.79	1.66	0.12	1.20				6.60
Wheat Seed Private	lb											90.0000	0.39	35.10	35.10
Ditcher		2WD 130	0.020	1.00	Nov	0.23	0.28	0.02	0.03	0.02	0.19				0.75
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Feb	0.74	0.98	0.14	0.30	0.08	0.80				2.96
LA Nitrogen	lb											80.0000	0.30	24.00	24.00
Header Wheat/Sorghum	25' Rigid	240hp	0.102	1.00	May	3.52	7.21	0.43	0.71	0.10	1.56				13.43
LA Truck	5 Ton	5 Ton	1.000	0.28	May	9.20	9.35				0.30				21.51
LA Other Labor	hour										0.07				0.75
Spray (Bcast/HB)	30' Fold	MFWD 170	0.056	1.00	May	0.89	1.20	0.25	0.33	0.08	0.81				3.48
Roundup Ultra MAX	pt											2.0000	6.84	13.68	13.68
NT Plant&Pre-Rigid	12R-20	MFWD 190	0.097	1.00	May	1.71	2.27	1.27	2.68	0.19	1.88				9.81
LA Other Labor	hour										0.12				1.15
Soybean Seed RR	lb											50.0000	0.56	28.00	28.00
Lasso 4EC	qt											1.0000	5.92	5.92	5.92
Scepter 70 DG	oz											0.3330	3.53	1.18	1.18
Ditcher		2WD 130	0.020	1.00	Jun	0.23	0.28	0.02	0.03	0.02	0.19				0.75
App by Air ( 2 gal)	appl				Jun							1.0000	2.50	2.50	2.50
Karate Z	oz											2.0000	2.88	5.76	5.76
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Jul	0.67	0.90	0.10	0.13	0.06	0.61				2.41
Roundup Ultra MAX	pt											2.0000	6.84	13.68	13.68
App by Air ( 5 gal)	appl				Jul							1.0000	4.00	4.00	4.00
Roundup Ultra MAX	pt											2.0000	6.84	13.68	13.68
Karate Z	oz											2.0000	2.88	5.76	5.76
Header - Soybean	25' Flex	275hp	0.102	1.00	Oct	4.00	8.13	0.51	0.84	0.10	1.56				15.04
LA Truck	5 Ton	5 Ton	1.000	0.28	Oct	9.20	9.35				0.30				21.51
LA Other Labor	hour										0.07				0.75
TOTALS						34.13	44.85	4.23	8.75	1.83	18.77			153.26	263.99
INTEREST ON OPERATING CAPITAL															8.63
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															272.62

Appendix Table 1. Tractors/Harvesters: estimated purchase price, annual use, useful life, fuel use, and direct and fixed cost per hour, Louisiana, 2005

Item Name	Size	Purchase Price	Annual Use	Useful Life	Fuel Use	Labor	Fuel	R&M	Total Direct	Fixed	Total Cost
		dollars	hours	years	gal/hr	-----\$/hour-----					
Combine (170-199 hp)	190hp	0	300	8	9.78	15.30	14.18	0.00	29.48	0.00	29.48
Combine (200-249 hp)	240hp	158,351	300	8	12.35	15.30	17.90	16.49	49.70	70.58	120.28
Combine (225-274 hp)	Track250hp	0	300	8	12.87	15.30	18.66	0.00	33.96	0.00	33.96
Combine (250-299 hp)	275hp	178,604	300	8	14.15	15.30	20.51	18.60	54.42	79.60	134.02
Combine (250-299hp)	Grass295hp	185,482	300	8	15.18	15.30	22.01	19.32	56.63	82.67	139.30
Combine (275-299 hp)	Track290hp	0	300	8	14.93	15.30	21.64	0.00	36.94	0.00	36.94
Combine (300-349 hp)	325hp	195,469	300	8	16.73	15.30	24.25	20.36	59.91	87.12	147.04
Combine (300-349hp)	Track320hp	0	300	8	16.47	15.30	23.88	0.00	39.18	0.00	39.18
Combine (350-379 hp)	370hp	219,584	300	8	19.04	15.30	27.60	22.87	65.78	97.87	163.65
Combine (350-379 hp)	Track365hp	0	300	8	18.79	15.30	27.24	0.00	42.54	0.00	42.54
Cotton Stripper	173hp	127,292	200	8	9.00	15.30	13.06	19.88	48.25	85.10	133.35
SC Tractor 93 MDR	93	46,683	600	10	4.79	9.60	6.94	2.72	19.26	8.68	27.95
SC Tractor 68 MDR	68	27,049	600	10	3.50	9.60	5.07	1.57	16.25	5.03	21.28
Tractor( 40-59hp)Cab	2WD 50	25,922	600	8	2.57	9.60	3.73	0.81	14.14	5.34	19.48
Tractor( 40-59hp)Cab	MFWD 50	31,452	600	8	2.57	9.60	3.73	0.98	14.31	6.48	20.80
Tractor( 40-59hp)RB	2WD 50	18,032	600	8	2.57	9.60	3.73	0.56	13.89	3.71	17.61
Tractor( 40-59hp)RB	MFWD 50	23,276	600	8	2.57	9.60	3.73	0.72	14.05	4.80	18.86
Tractor( 60-89hp)CAB	2WD 75	36,354	600	8	3.86	9.60	5.59	1.13	16.33	7.49	23.83
Tractor( 60-89hp)CAB	MFWD 75	41,504	600	8	3.86	9.60	5.59	1.29	16.49	8.56	25.05
Tractor( 60-89hp)RB	2WD 75	27,487	600	8	3.86	9.60	5.59	0.85	16.05	5.66	21.72
Tractor( 60-89hp)RB	MFWD 75	33,772	600	8	3.86	9.60	5.59	1.05	16.25	6.96	23.21
Tractor( 90-119hp)CB	2WD 105	52,055	600	8	5.40	9.60	7.83	1.62	19.06	10.73	29.80
Tractor( 90-119hp)CB	MFWD 105	59,498	600	8	5.40	9.60	7.83	1.85	19.29	12.27	31.56
Tractor( 90-119hp)RB	2WD 105	40,934	600	8	5.40	9.60	7.83	1.27	18.71	8.44	27.15
Tractor( 90-119hp)RB	MFWD 105	47,777	600	8	5.40	9.60	7.83	1.49	18.92	9.85	28.78
Tractor(120-139hp)CB	2WD 130	69,025	600	8	6.69	9.60	9.70	2.15	21.45	14.23	35.69
Tractor(120-139hp)CB	MFWD 130	78,468	600	8	6.69	9.60	9.70	2.45	21.75	16.18	37.93
Tractor(140-159hp)CB	2WD 150	77,542	600	8	7.72	9.60	11.19	2.42	23.21	15.99	39.21
Tractor(140-159hp)CB	MFWD 150	88,497	600	8	7.72	9.60	11.19	2.76	23.56	18.25	41.81
Tractor(160-179hp)CB	2WD 170	86,873	600	8	8.75	9.60	12.68	2.71	25.00	18.63	43.64
Tractor(160-179hp)CB	MFWD 170	98,816	600	8	8.75	9.60	12.68	3.08	25.37	21.20	46.57
Tractor(160-199hp)CB	Track 180	126,343	600	8	9.26	9.60	13.43	3.94	26.98	27.10	54.09
Tractor(180-199hp)CB	2WD 190	99,356	600	8	9.77	9.60	14.18	3.10	26.88	21.31	48.20
Tractor(180-199hp)CB	MFWD 190	108,199	600	8	9.77	9.60	14.18	3.38	27.16	23.21	50.37
Tractor(200-249hp)CB	4WD 225	120,401	600	8	11.58	9.60	16.79	3.76	30.15	25.83	55.98
Tractor(200-249hp)CB	MFWD 225	122,500	600	8	11.58	9.60	16.79	3.82	30.22	26.28	56.50
Tractor(200-249hp)CB	Track 225	145,539	600	8	11.58	9.60	16.79	4.54	30.94	31.22	62.16
Tractor(250-349hp)CB	4WD 300	137,673	600	8	15.44	9.60	22.39	4.30	36.29	29.53	65.83
Tractor(250-349hp)CB	Track 300	175,647	600	8	15.44	9.60	22.39	5.48	37.47	37.68	75.16
Tractor(350-449hp)CB	4WD 400	166,493	600	8	20.58	9.60	29.85	5.20	44.65	35.72	80.37
Tractor(350-449hp)CB	Track 400	206,325	600	8	20.58	9.60	29.85	6.44	45.90	44.26	90.17
Tractor(450-uphp)CB	TRACK-475	221,902	600	8	24.44	9.60	35.45	6.93	51.98	47.61	99.59

Notes:

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

Appendix Table 2. Self-propelled machines: estimated purchase price, annual use, useful life, fuel use, performance rate, and direct and fixed cost per acre, Louisiana, 2005

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	0.35	0.00	2.32	0.00	2.32
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	6.08	10.69	28.08	45.76	73.85
Cotton Picker-1st-BB	4R2X1260hp	0	200	8	13.33	0.172	3.74	3.33	0.00	7.07	0.00	7.07
Cotton Picker-1st-BB	4R30"250hp	221,869	200	8	12.86	0.327	7.11	6.10	11.34	24.57	48.56	73.13
Cotton Picker-1st-BB	4R30"325hp	262,617	200	8	16.72	0.327	7.11	7.94	13.43	28.49	57.48	85.97
Cotton Picker-1st-BB	4R38"255hp	223,827	200	8	13.12	0.257	6.41	4.90	9.01	20.33	38.57	58.91
Cotton Picker-1st-BB	4R38"325hp	263,547	200	8	16.72	0.257	6.41	6.25	10.61	23.28	45.42	68.70
Cotton Picker-1st-BB	5R30"255hp	234,115	200	8	13.12	0.261	5.69	4.98	9.58	20.25	40.99	61.25
Cotton Picker-1st-BB	4R38"325hp	249,398	200	8	12.86	0.207	4.50	3.86	8.07	16.44	34.54	50.99
Cotton Picker-1st-BB	6R30"325hp	329,325	200	8	16.72	0.218	4.74	5.29	11.23	21.26	48.05	69.32
Cotton Picker-1st-BB	6R38"330hp	336,851	200	8	16.98	0.172	4.29	4.24	9.06	17.60	38.80	56.40
Cotton Picker-1st-Tr	2R38"157hp	131,738	200	8	8.08	0.519	11.29	6.08	10.69	28.08	45.76	73.85
Cotton Picker-1st-Tr	4R2X1260hp	0	200	8	13.33	0.172	3.74	3.33	0.00	7.07	0.00	7.07
Cotton Picker-1st-Tr	4R30"250hp	221,869	200	8	12.86	0.327	7.11	6.10	11.34	24.57	48.56	73.13
Cotton Picker-1st-Tr	4R30"325hp	262,617	200	8	16.72	0.327	7.11	7.94	13.43	28.49	57.48	85.97
Cotton Picker-1st-Tr	4R38"255hp	223,827	200	8	13.12	0.257	5.60	4.90	9.01	19.52	38.57	58.10
Cotton Picker-1st-Tr	4R38"325hp	263,547	200	8	16.72	0.257	5.60	6.25	10.61	22.47	45.42	67.89
Cotton Picker-1st-Tr	5R30"255hp	234,115	200	8	13.12	0.261	5.69	4.98	9.58	20.25	40.99	61.25
Cotton Picker-1st-Tr	5R38"250hp	249,398	200	8	12.86	0.207	4.50	3.86	8.07	16.44	34.54	50.99
Cotton Picker-1st-Tr	6R30"325hp	329,325	200	8	16.72	0.218	4.74	5.29	11.23	21.26	48.05	69.32
Cotton Picker-1st-Tr	6R38"330hp	336,851	200	8	16.98	0.172	3.74	4.24	9.06	17.05	38.80	55.86
Cotton Picker-2nd-BB	2R38"157hp	131,738	200	8	8.08	0.440	9.56	5.15	9.06	23.78	38.76	62.55
Cotton Picker-2nd-BB	4R2x1260hp	0	200	8	13.33	0.145	3.17	2.82	0.00	5.99	0.00	5.99
Cotton Picker-2nd-BB	4R30"250hp	221,869	200	8	12.86	0.277	6.02	5.17	9.61	20.81	41.13	61.95
Cotton Picker-2nd-BB	4R30"325hp	262,617	200	8	16.72	0.277	6.02	6.72	11.37	24.13	48.69	72.82
Cotton Picker-2nd-BB	4R38"255hp	223,827	200	8	13.12	0.218	5.43	4.15	7.63	17.22	32.67	49.90
Cotton Picker-2nd-BB	4R38"325hp	263,547	200	8	16.72	0.218	4.74	5.29	8.99	19.03	38.47	57.50
Cotton Picker-2nd-BB	5R30"255hp	234,115	200	8	13.12	0.221	5.52	4.22	8.11	17.86	34.72	52.58
Cotton Picker-2nd-BB	5R38"250hp	249,398	200	8	12.86	0.175	3.81	3.27	6.83	13.92	29.26	43.19
Cotton Picker-2nd-BB	6R30"325hp	329,325	200	8	16.72	0.184	4.01	4.48	9.51	18.01	40.70	58.72
Cotton Picker-2nd-BB	6R38"330hp	336,851	200	8	16.98	0.145	3.63	3.59	7.68	14.91	32.86	47.78
Cotton Picker-2nd-Tr	2R38"157hp	131,738	200	8	8.08	0.440	9.56	5.15	9.06	23.78	38.76	62.55
Cotton Picker-2nd-Tr	4R2X1260hp	0	200	8	13.33	0.145	3.17	2.82	0.00	5.99	0.00	5.99
Cotton Picker-2nd-Tr	4R30"250hp	221,869	200	8	12.86	0.277	6.02	5.17	9.61	20.81	41.13	61.95
Cotton Picker-2nd-Tr	4R30"325hp	262,617	200	8	16.72	0.277	6.02	6.72	11.37	24.13	48.69	72.82
Cotton Picker-2nd-Tr	4R38"255hp	223,827	200	8	13.12	0.218	5.43	4.15	7.63	17.22	32.67	49.90
Cotton Picker-2nd-Tr	4R38"325hp	263,547	200	8	16.72	0.218	4.74	5.29	8.99	19.03	38.47	57.50
Cotton Picker-2nd-Tr	5R30"255hp	234,115	200	8	13.12	0.221	4.82	4.22	8.11	17.16	34.72	51.88
Cotton Picker-2nd-Tr	5R38"250hp	249,398	200	8	12.86	0.175	3.81	3.27	6.83	13.92	29.26	43.19
Cotton Picker-2nd-Tr	6R30"325hp	329,325	200	8	16.72	0.184	4.01	4.48	9.51	18.01	40.70	58.72
Cotton Picker-2nd-Tr	6R38"330hp	336,851	200	8	16.98	0.145	3.17	3.59	7.68	14.44	32.86	47.31
LA Pickup Truck	1/2 ton	25,000	800	5	2.50	1.000	9.60	4.45	2.81	16.86	6.94	23.81
LA Rice Combine	25 ft	165,000	300	10	8.60	0.300	5.05	3.74	13.21	22.01	21.63	43.65
LA Rice Combine-2	25 ft	165,000	300	10	8.60	0.300	5.05	3.74	13.21	22.01	21.63	43.65
LA Truck	5 Ton	115,000	400	12	5.00	1.000	10.56	8.90	23.95	43.41	33.38	76.80
LARice Combine Med	20 ft	150,000	300	10	7.10	0.210	3.53	2.16	8.40	14.10	13.76	27.86
Levee Sprayer	27'	30,768	350	8	2.57	0.038	0.50	0.14	0.06	0.70	0.45	1.15
SC Billet Harvester	6 ft	210,000	600	10	9.00	0.598	10.07	7.81	20.95	38.85	27.14	65.99
SC Harvester 1Rw	6 ft	115,000	400	12	6.80	0.598	10.07	5.90	14.34	30.32	19.98	50.31
SC Harvester 2Rw	12 ft	180,000	400	12	8.00	0.300	5.05	3.48	11.26	19.79	15.69	35.49
SC Loader 1Rw	6 ft	60,000	425	10	5.10	0.598	6.32	4.42	6.17	16.92	11.07	27.99
SC Loader 2Rw	12 ft	112,000	425	10	7.00	0.300	3.17	3.04	5.77	11.99	10.36	22.36
SC Transloader		30,000	120	12	4.70	0.250	2.64	1.70	3.75	8.09	7.25	15.35
SC Truck&Trailer	30 Ton	45,000	400	10	7.00	1.000	10.56	10.15	7.87	28.58	14.73	43.32
Sprayer( 300-450Gal)	47'	0	350	8	5.40	0.022	0.45	0.17	0.00	0.62	0.00	0.62
Sprayer( 300-450Gal)	60'	68,431	350	8	5.66	0.017	0.35	0.14	0.06	0.56	0.46	1.02
Sprayer( 300-450Gal)	80'	69,414	350	8	5.66	0.013	0.26	0.10	0.04	0.42	0.35	0.77
Sprayer( 600-750Gal)	60'	134,067	350	8	10.29	0.017	0.35	0.26	0.12	0.74	0.90	1.64
Sprayer( 600-825Gal)	80'	140,803	350	8	10.29	0.013	0.26	0.19	0.09	0.56	0.71	1.27
Sprayer( 600-825Gal)	90'	142,542	350	8	10.29	0.014	0.28	0.21	0.10	0.60	0.76	1.36
Sprayer(1000-1400Gal)	90'	194,839	350	8	14.15	0.014	0.28	0.28	0.14	0.71	1.04	1.76
Sprayer(1200PlusGal)	120'	199,314	350	8	15.44	0.010	0.21	0.23	0.11	0.56	0.80	1.36

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, 2005

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---		Total Direct	--Fixed--		Total Cost
									Imp.	P.U.		Imp.	P.U.	
			dollars	hours	years	hr/ac	-----\$/acre-----							
Blade-Box	6'	2WD 130	631	200	20	0.020	0.19	0.19	0.00	0.04	0.43	0.00	0.28	0.72
Blade-Box	10'	2WD 50	1,114	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	3,656	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	764	200	20	1.176	11.29	4.39	0.42	0.66	16.77	0.38	4.37	21.53
Blade-Scraper	10'	2WD 50	2,066	200	20	1.176	11.29	4.39	1.15	0.66	17.50	1.04	4.37	22.92
Blade-Scraper	14'	2WD 50	4,273	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	20,405	200	10	0.519	4.98	7.36	2.65	1.75	16.76	5.95	12.06	34.78
Boll Buggy-1st pick	4R2x1260hp	MFWD 190	20,405	200	10	0.172	1.65	2.44	0.87	0.58	5.55	1.97	4.00	11.53
Boll Buggy-1st pick	4R30"255hp	MFWD 190	20,405	200	10	0.327	3.14	4.64	1.67	1.10	10.56	3.75	7.60	21.91
Boll Buggy-1st pick	4R30"325hp	MFWD 190	20,405	200	10	0.327	3.14	4.64	1.67	1.10	10.56	3.75	7.60	21.91
Boll Buggy-1st pick	4R38"255hp	MFWD 190	20,405	200	10	0.257	2.47	3.65	1.31	0.87	8.31	2.95	5.98	17.25
Boll Buggy-1st pick	4R38"325hp	MFWD 190	20,405	200	10	0.257	2.47	3.65	1.31	0.87	8.31	2.95	5.98	17.25
Boll Buggy-1st pick	5R30"255hp	MFWD 190	20,405	200	10	0.261	2.51	3.71	1.33	0.88	8.44	3.00	6.08	17.53
Boll Buggy-1st pick	4R38"255hp	MFWD 190	20,405	200	10	0.207	1.98	2.93	1.05	0.70	6.68	2.37	4.81	13.87
Boll Buggy-1st pick	6R30"325hp	MFWD 190	20,405	200	10	0.218	2.09	3.09	1.11	0.73	7.04	2.50	5.06	14.61
Boll Buggy-1st pick	6R38"325hp	MFWD 190	20,405	200	10	0.172	1.65	2.44	0.87	0.58	5.55	1.97	4.00	11.53
Boll Buggy-2nd pick	2R38"157hp	MFWD 190	20,405	200	10	0.440	4.22	6.24	2.24	1.48	14.20	5.04	10.21	29.46
Boll Buggy-2nd pick	4R2x1260hp	MFWD 190	20,405	200	10	0.145	1.40	2.06	0.74	0.49	4.70	1.67	3.38	9.77
Boll Buggy-2nd pick	4R30"255hp	MFWD 190	20,405	200	10	0.277	2.66	3.93	1.41	0.93	8.94	3.17	6.43	18.56
Boll Buggy-2nd pick	4R30"325hp	MFWD 190	20,405	200	10	0.277	2.66	3.93	1.41	0.93	8.94	3.17	6.43	18.56
Boll Buggy-2nd pick	4R38 255hp	MFWD 190	20,405	200	10	0.218	2.09	3.09	1.11	0.73	7.04	2.50	5.06	14.61
Boll Buggy-2nd pick	4R38 325hp	MFWD 190	20,405	200	10	0.218	2.09	3.09	1.11	0.73	7.04	2.50	5.06	14.61
Boll Buggy-2nd pick	5R30"255hp	MFWD 190	20,405	200	10	0.221	2.12	3.14	1.13	0.75	7.15	2.54	5.15	14.85
Boll Buggy-2nd pick	5R38"255hp	MFWD 190	20,405	200	10	0.175	1.68	2.48	0.89	0.59	5.66	2.01	4.07	11.74
Boll Buggy-2nd pick	6R30"325hp	MFWD 190	20,405	200	10	0.184	1.77	2.62	0.94	0.62	5.96	2.11	4.29	12.37
Boll Buggy-2nd pick	6R38"325hp	MFWD 190	20,405	200	10	0.145	1.40	2.06	0.74	0.49	4.70	1.67	3.38	9.77
Boll Buggy-Stripper	13' Bcast	MFWD 150	20,405	200	10	0.251	2.41	2.81	1.28	0.69	7.21	2.88	4.59	14.70
Boll Buggy-Stripper	16' Bcast	MFWD 150	20,405	200	10	0.204	1.96	2.29	1.04	0.56	5.86	2.34	3.73	11.94
Boll Buggy-Stripper	19' Bcast	MFWD 150	20,405	200	10	0.172	1.65	1.92	0.87	0.47	4.93	1.97	3.14	10.05
Boll Buggy-Stripper	4R20"2X1Br	MFWD 150	20,405	200	10	0.218	2.09	2.44	1.11	0.60	6.25	2.50	3.98	12.74
Boll Buggy-Stripper	4R30"Brush	MFWD 150	20,405	200	10	0.327	3.14	3.66	1.67	0.90	9.38	3.75	5.97	19.11
Boll Buggy-Stripper	4R38"2X1Br	MFWD 150	20,405	200	10	0.172	1.65	1.92	0.87	0.47	4.93	1.97	3.14	10.05
Boll Buggy-Stripper	4R38"Brush	MFWD 150	20,405	200	10	0.257	2.47	2.88	1.31	0.71	7.38	2.95	4.70	15.04
Boll Buggy-Stripper	5R30"Brush	MFWD 150	20,405	200	10	0.261	2.51	2.93	1.33	0.72	7.50	3.00	4.78	15.29
Boll Buggy-Stripper	5R38"Brush	MFWD 150	20,405	200	10	0.207	1.98	2.31	1.05	0.57	5.93	2.37	3.78	12.09
Boll Buggy-Stripper	6R30"Brush	MFWD 150	20,405	200	10	0.218	2.09	2.44	1.11	0.60	6.25	2.50	3.98	12.74
Chisel Plow(Folding)	16'	2WD 130	10,090	150	12	0.115	1.10	1.12	0.42	0.24	2.90	0.81	1.64	5.35
Chisel Plow(Folding)	24'	MFWD 190	18,861	150	12	0.076	0.73	1.08	0.52	0.25	2.59	1.00	1.77	5.37
Chisel Plow(Folding)	32'	MFWD 225	23,327	150	12	0.057	0.55	0.97	0.48	0.22	2.23	0.93	1.51	4.69
Chisel Plow(Folding)	42'	MFWD 225	25,880	150	12	0.044	0.42	0.73	0.41	0.16	1.74	0.79	1.15	3.69
Chisel Plow(Rigid)	15'	2WD 130	6,324	150	12	0.123	1.18	1.19	0.28	0.26	2.92	0.54	1.75	5.22
Chisel Plow(Rigid)	24'	MFWD 190	5,445	150	12	0.077	0.73	1.09	0.15	0.26	2.24	0.29	1.78	4.32
Chisel-Harrow	21 shank	2WD 190	6,294	150	12	0.088	0.84	1.24	0.20	0.27	2.56	0.38	1.87	4.83
Chisel-Harrow	27 shank	MFWD 225	7,745	150	12	0.068	0.65	1.14	0.19	0.26	2.26	0.36	1.79	4.42
Colter-Chisel-Harrow	21 shank	2WD 190	10,868	150	12	0.088	0.84	1.24	0.34	0.27	2.71	0.66	1.87	5.25
Colter-Chisel-Harrow	27 shank	MFWD 225	12,318	150	12	0.071	0.69	1.20	0.31	0.27	2.49	0.61	1.88	4.99
Corn Grain Cart 8R30	500 bu	MFWD 190	15,237	200	12	0.127	1.22	1.81	0.52	0.43	3.99	1.01	2.96	7.97
Corn Grain Cart 8R40	700bu	MFWD 190	19,105	200	12	0.095	0.91	1.35	0.49	0.32	3.09	0.95	2.22	6.26
Cult & Post	4R-38	2WD 105	13,874	150	10	0.162	2.33	1.27	0.60	0.20	4.41	1.74	1.37	7.53
Cult & Post	6R-30	MFWD 150	17,553	150	10	0.137	1.98	1.53	0.64	0.38	4.54	1.86	2.50	8.92
Cult & Post	6R-38	MFWD 150	17,650	150	10	0.108	1.56	1.21	0.51	0.30	3.58	1.48	1.98	7.05
Cult & Post	8R-30	MFWD 190	19,688	150	10	0.103	1.48	1.46	0.54	0.34	3.83	1.57	2.39	7.80
Cult & Post	8R-38	MFWD 190	19,915	150	10	0.081	1.17	1.15	0.43	0.27	3.03	1.25	1.89	6.18
Cult & Post	8R-38 2x1	MFWD 190	31,328	150	10	0.054	0.78	0.76	0.45	0.18	2.18	1.31	1.26	4.76
Cult & Post	10R-30	MFWD 225	23,126	150	10	0.082	1.18	1.38	0.50	0.31	3.39	1.47	2.16	7.04
Cult & Post	10R-38	MFWD 225	0	150	10	0.065	0.93	1.09	0.00	0.24	2.27	0.00	1.71	3.98
Cult & Post	12R-30	MFWD 225	30,525	150	10	0.068	0.99	1.15	0.55	0.26	2.96	1.62	1.80	6.39
Cult & Post	12R-38	MFWD 225	31,328	150	10	0.054	0.78	0.91	0.45	0.20	2.35	1.31	1.42	5.09
Cultipacker	12'	2WD 130	3,522	300	12	0.124	1.19	1.20	0.10	0.26	2.77	0.15	1.77	4.70
Cultipacker	20'	MFWD 150	9,793	300	12	0.074	0.71	0.83	0.17	0.20	1.93	0.26	1.36	3.55
Cultivate	4R-38	2WD 105	8,798	150	10	0.162	1.55	1.27	0.38	0.20	3.42	1.10	1.37	5.89
Cultivate	6R-30	MFWD 150	12,477	150	10	0.137	1.32	1.53	0.45	0.38	3.69	1.32	2.50	7.53
Cultivate	6R-38	MFWD 150	12,574	150	10	0.108	1.04	1.21	0.36	0.30	2.92	1.05	1.98	5.95
Cultivate	8R-30	MFWD 190	14,612	150	10	0.103	0.99	1.46	0.40	0.34	3.20	1.16	2.39	6.76
Cultivate	8R-38	MFWD 190	14,839	150	10	0.081	0.78	1.15	0.32	0.27	2.53	0.93	1.89	5.36
Cultivate	8R-38 2x1	MFWD 190	26,285	150	10	0.054	0.52	0.76	0.38	0.18	1.85	1.10	1.26	4.21
Cultivate	10R-30	MFWD 225	18,050	150	10	0.082	0.79	1.38	0.39	0.31	2.89	1.15	2.16	6.21
Cultivate	10R-38	MFWD 225	0	150	10	0.065	0.62	1.09	0.00	0.24	1.96	0.00	1.71	3.67
Cultivate	12R-30	MFWD 225	25,449	150	10	0.068	0.66	1.15	0.46	0.26	2.54	1.35	1.80	5.70
Cultivate	12R-38	MFWD 225	26,285	150	10	0.054	0.52	0.91	0.38	0.20	2.02	1.10	1.42	4.55

Appendix Table 3. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre Louisiana, 2005

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---		Total Direct	--Fixed--		Total Cost
									Imp.	P.U.		Imp.	P.U.	
			dollars	hours	years	hr/ac	-----\$/acre-----							
Disk & Incorporate	14'	2WD 130	11,872	200	10	0.147	2.12	1.42	0.52	0.31	4.39	1.01	2.09	7.50
Disk & Incorporate	24'	MFWD 190	21,362	200	10	0.085	1.23	1.21	0.55	0.29	3.29	1.06	1.99	6.35
Disk & Incorporate	32'	MFWD 225	30,196	200	10	0.064	0.92	1.08	0.58	0.24	2.84	1.12	1.69	5.66
Disk & Incorporate	42'	MFWD 225	30,542	200	10	0.049	0.70	0.82	0.44	0.18	2.16	0.87	1.29	4.33
Disk Bed (Hipper)	4R-38	MFWD 150	5,848	160	10	0.147	1.41	1.65	0.21	0.40	3.69	0.62	2.69	7.01
Disk Bed (Hipper)	6R-30	MFWD 170	0	160	10	0.125	1.20	1.58	0.00	0.38	3.17	0.00	2.65	5.82
Disk Bed (Hipper)	6R-38	MFWD 170	8,932	160	10	0.098	0.94	1.25	0.22	0.30	2.72	0.63	2.09	5.45
Disk Bed (Hipper)	8R-30	MFWD 190	11,257	160	10	0.093	0.90	1.32	0.26	0.31	2.81	0.76	2.17	5.75
Disk Bed (Hipper)	8R-40 2x1	MFWD 190	27,492	160	10	0.049	0.47	0.69	0.33	0.16	1.67	0.98	1.14	3.80
Disk Bed (Hipper)	10R-30	MFWD 225	14,006	160	10	0.075	0.72	1.25	0.26	0.28	2.52	0.76	1.97	5.26
Disk Bed (Hipper)	10R-38	MFWD 225	14,661	160	10	0.059	0.56	0.99	0.21	0.22	2.00	0.62	1.55	4.18
Disk Bed (Hipper)	12R-30	MFWD 225	15,949	160	10	0.062	0.60	1.04	0.24	0.23	2.13	0.72	1.64	4.50
Disk Bed (Hipper)	12R-40	MFWD 225	27,492	160	10	0.049	0.47	0.82	0.33	0.18	1.83	0.98	1.29	4.11
Disk Bed (Hipper)Fld	8R-38	MFWD 190	15,263	160	10	0.074	0.71	1.05	0.28	0.25	2.29	0.82	1.72	4.83
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	11,829	160	10	0.074	0.71	1.05	0.21	0.25	2.23	0.63	1.72	4.58
Disk Bed w/roller	8R-30	2WD 190	11,580	160	10	0.093	0.90	1.32	0.27	0.29	2.79	0.78	1.99	5.57
Disk Bed w/roller	12R-30	MFWD 225	20,761	160	10	0.062	0.60	1.04	0.32	0.23	2.21	0.94	1.64	4.79
Disk Harrow	14'	2WD 130	9,217	180	10	0.140	1.34	1.36	0.35	0.30	3.37	0.83	1.99	6.20
Disk Harrow	24'	MFWD 190	25,040	180	10	0.081	0.78	1.16	0.56	0.27	2.79	1.32	1.90	6.01
Disk Harrow	28'	MFWD 225	26,731	180	10	0.070	0.67	1.17	0.52	0.26	2.64	1.20	1.84	5.69
Disk Harrow	32'	MFWD 225	30,136	180	10	0.061	0.58	1.03	0.51	0.23	2.36	1.19	1.61	5.17
Disk Harrow	42'	MFWD 225	0	180	10	0.046	0.44	0.78	0.00	0.17	1.41	0.00	1.22	2.64
Ditcher		2WD 130	2,330	200	10	0.020	0.19	0.19	0.01	0.04	0.44	0.02	0.28	0.75
Ditcher (1m/160a)		2WD 130	2,330	200	10	0.009	0.09	0.09	0.00	0.02	0.20	0.01	0.13	0.35
Fert Appl (Liquid)	4R-38	MFWD 150	9,210	150	8	0.154	2.22	1.73	0.94	0.42	5.33	1.17	2.82	9.33
Fert Appl (Liquid)	6R-30	MFWD 170	10,010	150	8	0.130	1.88	1.66	0.87	0.40	4.82	1.08	2.77	8.68
Fert Appl (Liquid)	6R-38	MFWD 170	9,658	150	8	0.103	1.48	1.31	0.66	0.31	3.78	0.82	2.19	6.80
Fert Appl (Liquid)	8R-30	MFWD 190	10,809	150	8	0.098	1.41	1.39	0.70	0.33	3.84	0.87	2.27	7.00
Fert Appl (Liquid)	8R-38	MFWD 190	10,809	150	8	0.077	1.11	1.10	0.55	0.26	3.04	0.69	1.80	5.53
Fert Appl (Liquid)	8R-38 2x1	MFWD 190	13,459	150	8	0.051	0.74	0.73	0.46	0.17	2.11	0.57	1.20	3.88
Fert Appl (Liquid)	10R-30	MFWD 225	11,494	150	8	0.078	1.13	1.31	0.60	0.30	3.35	0.74	2.06	6.16
Fert Appl (Liquid)	10R-38	MFWD 225	12,295	150	8	0.061	0.89	1.04	0.50	0.23	2.67	0.62	1.62	4.93
Fert Appl (Liquid)	12R-30	MFWD 225	12,248	150	8	0.078	1.13	1.31	0.64	0.30	3.39	0.79	2.06	6.25
Fert Appl (Liquid)	12R-38	MFWD 225	13,459	150	8	0.051	0.74	0.86	0.46	0.19	2.27	0.57	1.35	4.20
Field Cult & Inc	12'	2WD 150	11,543	100	10	0.124	1.79	1.39	0.35	0.30	3.84	1.66	1.99	7.50
Field Cult & Inc	24'	MFWD 170	21,106	100	10	0.062	0.89	0.78	0.32	0.19	2.20	1.52	1.31	5.04
Field Cult & Inc	32'	MFWD 190	26,749	100	10	0.046	0.67	0.66	0.31	0.15	1.80	1.44	1.08	4.33
Field Cult & Inc	42'	MFWD 225	36,346	100	10	0.035	0.51	0.59	0.32	0.13	1.57	1.50	0.93	4.02
Field Cultivate	12'	2WD 150	6,467	100	10	0.124	1.19	1.39	0.20	0.30	3.09	0.93	1.99	6.01
Field Cultivate	24'	MFWD 170	16,030	100	10	0.062	0.59	0.78	0.24	0.19	1.82	1.15	1.31	4.30
Field Cultivate	32'	MFWD 190	21,673	100	10	0.046	0.44	0.66	0.25	0.15	1.52	1.17	1.08	3.77
Field Cultivate	42'	MFWD 225	31,303	100	10	0.035	0.34	0.59	0.27	0.13	1.35	1.29	0.93	3.57
Field Cultivate	50'	MFWD 225	40,259	100	10	0.029	0.28	0.50	0.30	0.11	1.20	1.39	0.78	3.38
Gate Installer		2WD 130	2,960	10	10	0.020	0.38	0.19	0.17	0.04	0.79	0.66	0.28	1.74
Grain Drill	12'	2WD 130	11,487	150	8	0.157	3.01	1.52	0.67	0.33	5.55	1.42	2.23	9.22
Grain Drill	15'	MFWD 150	19,512	150	8	0.125	2.41	1.40	0.91	0.34	5.08	1.94	2.29	9.32
Grain Drill	20'	MFWD 170	25,666	150	8	0.094	1.81	1.19	0.90	0.29	4.20	1.91	1.99	8.12
Grain Drill	24'	MFWD 190	26,493	150	8	0.078	1.50	1.11	0.78	0.26	3.66	1.64	1.82	7.14
Grain Drill	30'	MFWD 225	33,325	150	8	0.062	1.20	1.05	0.78	0.24	3.28	1.65	1.65	6.59
Grain Drill & Pre	12'	2WD 130	16,563	150	8	0.157	3.01	1.52	0.97	0.33	5.85	2.06	2.23	10.15
Grain Drill & Pre	15'	MFWD 150	24,588	150	8	0.125	2.41	1.40	1.15	0.34	5.32	2.44	2.29	10.06
Grain Drill & Pre	20'	MFWD 170	30,742	150	8	0.094	1.81	1.19	1.08	0.29	4.38	2.29	1.99	8.67
Grain Drill & Pre	24'	MFWD 190	31,569	150	8	0.078	1.50	1.11	0.93	0.26	3.81	1.96	1.82	7.60
Grain Drill & Pre	30'	MFWD 225	38,401	150	8	0.062	1.20	1.05	0.90	0.24	3.40	1.91	1.65	6.97
Harrow	13'	2WD 130	770	200	10	0.119	1.14	1.15	0.03	0.25	2.59	0.05	1.70	4.34
Harrow	21'	2WD 150	1,230	200	10	0.073	0.70	0.82	0.03	0.17	1.74	0.05	1.18	2.98
Harrow	40'	MFWD 190	9,333	200	10	0.038	0.37	0.55	0.12	0.13	1.18	0.21	0.90	2.29
Harrow	47'	MFWD 190	11,000	200	10	0.033	0.31	0.46	0.12	0.11	1.02	0.21	0.76	2.00
Header - Corn	4R38"	240hp	19,520	300	8	0.201	3.07	3.60	0.98	3.31	10.97	1.61	14.19	26.79
Header - Corn	6R30"	240hp	26,494	300	8	0.170	2.60	3.04	1.12	2.80	9.59	1.86	12.01	23.47
Header - Corn	6R38"	240hp	28,826	300	8	0.134	2.05	2.40	0.96	2.21	7.65	1.59	9.48	18.73
Header - Corn	8R30"	240hp	34,791	300	8	0.127	1.95	2.28	1.11	2.10	7.45	1.83	9.01	18.30
Header - Corn	8R38"	275hp	36,787	300	8	0.100	1.54	2.07	0.92	1.87	6.42	1.53	8.03	15.99
Header - Corn	12R20"	275hp	47,027	300	8	0.127	1.95	2.62	1.50	2.37	8.45	2.47	10.16	21.09
Header - Corn	12R30"	275hp	53,466	300	8	0.085	1.30	1.74	1.13	1.58	5.77	1.87	6.77	14.42
Header - Rice (CL)	22' Rigid	240hp	18,555	300	8	0.288	4.41	5.16	1.33	4.75	15.67	2.20	20.35	38.24
Header - Rice (CL)	25' Rigid	240hp	23,306	300	8	0.253	3.88	4.54	1.47	4.18	14.09	2.44	17.91	34.45
Header - Rice (CL)	30' Rigid	275hp	21,323	300	8	0.211	3.23	4.34	1.12	3.93	12.64	1.86	16.84	31.34
Header - Rice (SL)	22' Rigid	240hp	18,555	300	8	0.250	3.82	4.47	1.15	4.12	13.58	1.91	17.64	33.14
Header - Rice (SL)	25' Rigid	240hp	23,306	300	8	0.220	3.36	3.93	1.28	3.62	12.21	2.11	15.52	29.85
Header - Rice (SL)	30' Rigid	275hp	21,323	300	8	0.183	2.80	3.76	0.97	3.41	10.95	1.61	14.59	27.16
Header - Soybean	15' Flex	240hp	0	300	8	0.170	2.60	3.04	0.00	2.80	8.46	0.00	12.01	20.48

Appendix Table 3. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre Louisiana, 2005

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---		Total Direct	--Fixed--		Total Cost
									Imp.	P.U.		Imp.	P.U.	
			dollars	hours	years	hr/ac	-----\$/acre-----							
Header - Soybean	18' Flex	240hp	18,369	300	8	0.141	2.17	2.54	0.65	2.34	7.70	1.07	10.01	18.79
Header - Soybean	22' Flex	240hp	18,227	300	8	0.116	1.77	2.07	0.52	1.91	6.29	0.87	8.19	15.36
Header - Soybean	25' Flex	275hp	19,940	300	8	0.102	1.56	2.09	0.50	1.90	6.06	0.84	8.13	15.04
Header - Soybean	30' Flex	275hp	22,792	300	8	0.085	1.30	1.74	0.48	1.58	5.11	0.80	6.77	12.69
Header Wheat/Sorghum	18' Rigid	240hp	15,095	300	8	0.141	2.17	2.54	0.53	2.34	7.58	0.88	10.01	18.48
Header Wheat/Sorghum	22' Rigid	240hp	15,499	300	8	0.116	1.77	2.07	0.44	1.91	6.22	0.74	8.19	15.15
Header Wheat/Sorghum	25' Rigid	240hp	16,926	300	8	0.102	1.56	1.82	0.43	1.68	5.51	0.71	7.21	13.43
Header Wheat/Sorghum	30' Rigid	275hp	19,298	300	8	0.085	1.30	1.74	0.41	1.58	5.04	0.67	6.77	12.49
Header-Cotton-Bcast	13'	173hp	16,650	200	8	0.251	6.27	3.28	0.78	5.00	15.35	2.59	21.43	39.38
Header-Cotton-Bcast	16'	173hp	18,900	200	8	0.204	5.09	2.67	0.72	4.06	12.56	2.39	17.41	32.36
Header-Cotton-Bcast	19'	173hp	21,150	200	8	0.172	4.29	2.25	0.68	3.42	10.65	2.25	14.66	27.57
Header-Cotton-Brush	4R30"	173hp	20,520	200	8	0.327	8.15	4.27	1.25	6.51	20.19	4.15	27.86	52.21
Header-Cotton-Brush	4R30"2X1	173hp	0	200	8	0.218	5.43	2.85	0.00	4.34	12.62	0.00	18.57	31.20
Header-Cotton-Brush	4R38"	173hp	21,992	200	8	0.257	6.41	3.36	1.06	5.12	15.97	3.50	21.93	41.42
Header-Cotton-Brush	4R38"2X1	173hp	0	200	8	0.172	4.29	2.25	0.00	3.42	9.96	0.00	14.66	24.63
Header-Cotton-Brush	5R30"	173hp	26,068	200	8	0.261	6.52	3.42	1.28	5.20	16.43	4.22	22.28	42.94
Header-Cotton-Brush	5R38"	173hp	27,427	200	8	0.207	5.15	2.70	1.06	4.12	13.05	3.51	17.63	34.20
Header-Cotton-Brush	6R30"	173hp	32,471	200	8	0.218	5.43	2.85	1.32	4.34	13.95	4.38	18.57	36.91
Heavy Disk	14'	MFWD 150	13,260	180	10	0.145	1.40	1.63	0.53	0.40	3.97	1.24	2.66	7.88
Heavy Disk	21'	MFWD 170	17,850	180	10	0.097	0.93	1.23	0.48	0.30	2.95	1.12	2.06	6.13
Heavy Disk	27'	MFWD 190	26,520	180	10	0.075	0.72	1.07	0.55	0.25	2.61	1.29	1.75	5.66
LA Boom Sprayer	30 ft	MFWD 150	3,000	150	10	0.059	0.57	0.67	0.13	0.16	1.54	0.15	1.09	2.79
Land Plane	40'x10'	MFWD 190	6,020	200	10	0.242	2.32	3.44	0.29	0.82	6.88	0.84	5.63	13.36
Land Plane	50'x16'	MFWD 190	7,650	200	10	0.151	1.45	2.15	0.23	0.51	4.35	0.67	3.52	8.54
LARice Backhoe-Rrmt	2 ft	MFWD 150	6,000	100	10	0.500	4.80	5.59	2.64	1.38	14.42	3.93	9.12	27.47
LARice Land Level	13 ft	MFWD 150	7,500	200	15	0.190	1.82	2.12	0.15	0.52	4.63	0.72	3.47	8.82
LARice Levee Plow	8 ft	4WD 300	4,600	150	10	0.050	0.48	1.11	0.07	0.21	1.89	0.20	1.47	3.56
LARice Water Level	24 ft	4WD 300	3,500	100	15	0.149	1.43	3.35	0.23	0.64	5.67	0.53	4.42	10.63
Levee Splitter (1/80	2 blade	2WD 150	3,570	50	10	0.004	0.04	0.04	0.00	0.01	0.09	0.03	0.06	0.19
Lo-Till & Bed	4R-38	MFWD 190	5,100	150	12	0.145	1.39	2.06	0.26	0.49	4.22	0.53	3.37	8.13
Middle Buster	6R-38	MFWD 150	4,590	160	8	0.120	1.15	1.34	0.12	0.33	2.96	0.44	2.19	5.59
Middle Buster	8R-30	MFWD 190	4,590	160	8	0.114	1.09	1.61	0.12	0.38	3.22	0.42	2.65	6.29
Middle Buster	8R-38	MFWD 190	6,120	160	8	0.090	0.86	1.28	0.12	0.30	2.58	0.44	2.09	5.12
Middle Buster	8R-40 2x1	MFWD 190	8,145	160	8	0.060	0.57	0.85	0.11	0.20	1.74	0.39	1.39	3.53
Middle Buster	10R-30	MFWD 225	5,740	160	8	0.091	0.87	1.53	0.12	0.34	2.88	0.42	2.40	5.70
Middle Buster	10R-38	MFWD 225	7,650	160	8	0.072	0.69	1.20	0.12	0.27	2.30	0.44	1.89	4.64
Middle Buster	12R-38	MFWD 225	8,145	160	8	0.060	0.57	1.00	0.11	0.23	1.93	0.39	1.57	3.90
Module Builder-1st	2R38"157hp	MFWD 190	25,869	200	10	0.519	9.97	7.36	3.36	1.75	22.46	7.55	12.06	42.08
Module Builder-1st	4R2x1260hp	MFWD 190	25,869	200	10	0.172	3.30	2.44	1.11	0.58	7.44	2.50	4.00	13.95
Module Builder-1st	4R30"255hp	MFWD 190	25,869	200	10	0.327	6.28	4.64	2.11	1.10	14.15	4.75	7.60	26.51
Module Builder-1st	4R30"325hp	MFWD 190	25,869	200	10	0.327	6.28	4.64	2.11	1.10	14.15	4.75	7.60	26.51
Module Builder-1st	4R38255	MFWD 190	25,869	200	10	0.257	4.94	3.65	1.66	0.87	11.14	3.74	5.98	20.87
Module Builder-1st	4R38325	MFWD 190	25,869	200	10	0.257	4.94	3.65	1.66	0.87	11.14	3.74	5.98	20.87
Module Builder-1st	5R30"255hp	MFWD 190	25,869	200	10	0.261	5.02	3.71	1.69	0.88	11.32	3.80	6.08	21.20
Module Builder-1st	5R38"255hp	MFWD 190	25,869	200	10	0.207	3.97	2.93	1.34	0.70	8.95	3.01	4.81	16.77
Module Builder-1st	6R30"325hp	MFWD 190	25,869	200	10	0.218	4.19	3.09	1.41	0.73	9.43	3.17	5.06	17.67
Module Builder-1st	6R38"325hp	MFWD 190	25,869	200	10	0.172	3.30	2.44	1.11	0.58	7.44	2.50	4.00	13.95
Module Builder-2nd	2R38"157hp	MFWD 190	25,869	200	10	0.440	8.45	6.24	2.84	1.48	19.02	6.39	10.21	35.64
Module Builder-2nd	4R2x1260hp	MFWD 190	25,869	200	10	0.145	2.80	2.06	0.94	0.49	6.30	2.12	3.38	11.81
Module Builder-2nd	4R30"255hp	MFWD 190	25,869	200	10	0.277	5.32	3.93	1.79	0.93	11.98	4.03	6.43	22.45
Module Builder-2nd	4R30"325hp	MFWD 190	25,869	200	10	0.277	5.32	3.93	1.79	0.93	11.98	4.03	6.43	22.45
Module Builder-2nd	4R38"255hp	MFWD 190	25,869	200	10	0.218	4.19	3.09	1.41	0.73	9.43	3.17	5.06	17.68
Module Builder-2nd	4R38"325hp	MFWD 190	25,869	200	10	0.218	4.19	3.09	1.41	0.73	9.43	3.17	5.06	17.68
Module Builder-2nd	5R30"255hp	MFWD 190	25,869	200	10	0.221	4.25	3.14	1.43	0.75	9.59	3.22	5.15	17.96
Module Builder-2nd	5R38"255hp	MFWD 190	25,869	200	10	0.175	3.36	2.48	1.13	0.59	7.58	2.55	4.07	14.21
Module Builder-2nd	6R30"325hp	MFWD 190	25,869	200	10	0.184	3.54	2.62	1.19	0.62	7.99	2.68	4.29	14.97
Module Builder-2nd	6R38"325hp	MFWD 190	25,869	200	10	0.145	2.80	2.06	0.94	0.49	6.30	2.12	3.38	11.81
Module Builder-Strip	13' Bcast	MFWD 150	25,869	200	10	0.251	4.83	2.81	1.62	0.69	9.97	3.66	4.59	18.23
Module Builder-Strip	16' Bcast	MFWD 150	25,869	200	10	0.204	3.92	2.29	1.32	0.56	8.10	2.97	3.73	14.81
Module Builder-Strip	19' Brush	MFWD 150	25,869	200	10	0.172	3.30	1.92	1.11	0.47	6.82	2.50	3.14	12.47
Module Builder-Strip	4R30"2X1Br	MFWD 150	25,869	200	10	0.218	4.19	2.44	1.41	0.60	8.64	3.17	3.98	15.80
Module Builder-Strip	4R30"Brush	MFWD 150	25,869	200	10	0.327	6.28	3.66	2.11	0.90	12.97	4.75	5.97	23.70
Module Builder-Strip	4R38"2X1Br	MFWD 150	25,869	200	10	0.172	3.30	1.92	1.11	0.47	6.82	2.50	3.14	12.47
Module Builder-Strip	4R38"Brush	MFWD 150	25,869	200	10	0.257	4.94	2.88	1.66	0.71	10.21	3.74	4.70	18.66
Module Builder-Strip	5R30"Brush	MFWD 150	25,869	200	10	0.261	5.02	2.93	1.69	0.72	10.37	3.80	4.78	18.96
Module Builder-Strip	5R38"Brush	MFWD 150	25,869	200	10	0.207	3.97	2.31	1.34	0.57	8.21	3.01	3.78	15.00
Module Builder-Strip	6R30"Brush	MFWD 150	25,869	200	10	0.218	4.19	2.44	1.41	0.60	8.64	3.17	3.98	15.80
Mulcher Plow	30'	MFWD 225	0	100	10	0.068	0.65	1.14	0.00	0.26	2.05	0.00	1.79	3.84
NT Grain Drill	12'	2WD 130	22,312	150	8	0.196	3.77	1.90	1.64	0.42	7.74	3.47	2.79	14.01
NT Grain Drill	15'	MFWD 150	26,540	150	8	0.157	3.01	1.75	1.56	0.43	6.77	3.30	2.86	12.94
NT Grain Drill	20'	MFWD 170	34,434	150	8	0.117	2.26	1.49	1.52	0.36	5.64	3.21	2.49	11.35
NT Grain Drill	24'	MFWD 190	57,115	150	8	0.098	1.88	1.39	2.10	0.33	5.71	4.44	2.27	12.43

Appendix Table 3. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre Louisiana, 2005

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---		Total Direct	--Fixed--		Total Cost
									Imp.	P.U.		Imp.	P.U.	
			dollars	hours	years	hr/ac	-----\$/acre-----							
NT Grain Drill	30'	MFWD 225	59,965	150	8	0.078	1.50	1.31	1.76	0.30	4.89	3.73	2.06	10.69
NT Grain Drill & Pre	12'	2WD 130	27,388	150	8	0.163	3.14	1.58	1.68	0.35	6.76	3.54	2.33	12.64
NT Grain Drill & Pre	15'	MFWD 150	31,616	150	8	0.130	2.51	1.46	1.55	0.36	5.89	3.27	2.39	11.56
NT Grain Drill & Pre	20'	MFWD 170	39,510	150	8	0.098	1.88	1.24	1.45	0.30	4.89	3.07	2.08	10.04
NT Grain Drill & Pre	24'	MFWD 190	62,191	150	8	0.081	1.57	1.16	1.90	0.27	4.91	4.03	1.90	10.84
NT Grain Drill & Pre	30'	MFWD 225	65,041	150	8	0.065	1.25	1.09	1.59	0.25	4.20	3.37	1.72	9.29
NT Plant&Pre-Folding	8R-38	MFWD 170	35,473	150	8	0.077	1.48	0.97	1.02	0.23	3.72	2.16	1.63	7.53
NT Plant&Pre-Folding	8R-38 2x1	MFWD 170	47,347	150	8	0.051	0.98	0.65	0.91	0.15	2.70	1.92	1.08	5.72
NT Plant&Pre-Folding	10R-30	MFWD 190	41,666	150	8	0.078	1.49	1.10	1.22	0.26	4.09	2.57	1.81	8.48
NT Plant&Pre-Folding	10R-38	MFWD 190	43,540	150	8	0.061	1.18	0.87	1.00	0.20	3.27	2.12	1.43	6.82
NT Plant&Pre-Folding	12R-20	MFWD 190	48,108	150	8	0.097	1.87	1.38	1.76	0.33	5.35	3.71	2.26	11.33
NT Plant&Pre-Folding	12R-30	MFWD 190	47,316	150	8	0.065	1.24	0.92	1.15	0.22	3.54	2.43	1.51	7.49
NT Plant&Pre-Folding	12R-38	MFWD 190	47,347	150	8	0.051	0.98	0.72	0.91	0.17	2.80	1.92	1.19	5.92
NT Plant&Pre-Folding	16R-30	MFWD 190	67,941	150	8	0.048	0.93	0.69	1.24	0.16	3.03	2.62	1.13	6.79
NT Plant&Pre-Folding	23R-15	MFWD 190	77,565	150	8	0.067	1.30	0.96	1.97	0.22	4.46	4.16	1.57	10.20
NT Plant&Pre-Folding	24R-20	MFWD 190	88,256	150	8	0.048	0.93	0.69	1.61	0.16	3.41	3.41	1.13	7.95
NT Plant&Pre-Folding	24R-30	MFWD 190	107,899	150	8	0.032	0.62	0.46	1.31	0.11	2.51	2.78	0.75	6.04
NT Plant&Pre-Rigid	4R-30	2WD 130	18,671	150	8	0.195	3.74	1.89	1.36	0.42	7.43	2.88	2.78	13.09
NT Plant&Pre-Rigid	4R-38	2WD 130	19,371	150	8	0.153	2.95	1.49	1.11	0.33	5.89	2.35	2.18	10.43
NT Plant&Pre-Rigid	6R-30	MFWD 150	23,735	150	8	0.130	2.49	1.45	1.15	0.36	5.47	2.44	2.37	10.29
NT Plant&Pre-Rigid	6R-38	MFWD 150	24,539	150	8	0.102	1.96	1.14	0.94	0.28	4.32	1.98	1.86	8.17
NT Plant&Pre-Rigid	8R-22	MFWD 170	26,101	150	8	0.132	2.55	1.68	1.30	0.41	5.94	2.74	2.81	11.50
NT Plant&Pre-Rigid	8R-30	MFWD 170	28,048	150	8	0.097	1.87	1.23	1.02	0.30	4.44	2.16	2.06	8.67
NT Plant&Pre-Rigid	8R-38	MFWD 170	27,343	150	8	0.077	1.48	0.97	0.79	0.23	3.49	1.67	1.63	6.79
NT Plant&Pre-Rigid	10R-30	MFWD 190	29,985	150	8	0.078	1.49	1.10	0.87	0.26	3.74	1.85	1.81	7.41
NT Plant&Pre-Rigid	12R-20	MFWD 190	34,614	150	8	0.097	1.87	1.38	1.26	0.33	4.85	2.67	2.26	9.79
NT Plant&Pre-Rigid	12R-30	MFWD 190	46,624	150	8	0.065	1.24	0.92	1.13	0.22	3.53	2.40	1.51	7.44
NT Plant-Folding	8R-38	MFWD 170	30,397	150	8	0.074	1.42	0.94	0.84	0.22	3.44	1.78	1.57	6.81
NT Plant-Folding	8R-38 2x1	MFWD 170	42,303	150	8	0.049	0.95	0.62	0.78	0.15	2.51	1.65	1.04	5.22
NT Plant-Folding	10R-30	MFWD 190	36,590	150	8	0.075	1.44	1.06	1.03	0.25	3.79	2.17	1.74	7.72
NT Plant-Folding	10R-38	MFWD 190	38,464	150	8	0.059	1.13	0.84	0.85	0.20	3.03	1.80	1.37	6.22
NT Plant-Folding	12R-20	MFWD 190	43,032	150	8	0.094	1.80	1.33	1.51	0.31	4.97	3.20	2.18	10.35
NT Plant-Folding	12R-30	MFWD 190	42,240	150	8	0.062	1.20	0.88	0.99	0.21	3.29	2.09	1.45	6.84
NT Plant-Folding	12R-38	MFWD 190	42,303	150	8	0.049	0.95	0.70	0.78	0.16	2.60	1.65	1.14	5.41
NT Plant-Folding	16R-30	MFWD 190	62,898	150	8	0.047	0.90	0.66	1.10	0.15	2.83	2.34	1.09	6.26
NT Plant-Folding	23R-15	MFWD 190	72,489	150	8	0.065	1.25	0.92	1.77	0.22	4.17	3.74	1.51	9.43
NT Plant-Folding	24R-20	MFWD 190	83,213	150	8	0.047	0.90	0.66	1.46	0.15	3.19	3.09	1.09	7.38
NT Plant-Folding	24R-30	MFWD 190	101,352	150	8	0.031	0.60	0.44	1.19	0.10	2.34	2.51	0.72	5.58
NT Plant-Rigid	4R-30	2WD 130	13,595	150	8	0.188	3.61	1.82	0.95	0.40	6.79	2.02	2.67	11.49
NT Plant-Rigid	4R-38	2WD 130	14,295	150	8	0.148	2.84	1.43	0.79	0.31	5.39	1.67	2.10	9.17
NT Plant-Rigid	6R-30	MFWD 150	18,659	150	8	0.125	2.40	1.40	0.87	0.34	5.03	1.85	2.28	9.17
NT Plant-Rigid	6R-38	MFWD 150	19,463	150	8	0.098	1.90	1.10	0.72	0.27	4.00	1.52	1.80	7.33
NT Plant-Rigid	8R-22	MFWD 170	21,025	150	8	0.127	2.45	1.62	1.00	0.39	5.48	2.12	2.71	10.32
NT Plant-Rigid	8R-30	MFWD 170	22,972	150	8	0.094	1.80	1.19	0.80	0.29	4.09	1.71	1.99	7.80
NT Plant-Rigid	8R-38	MFWD 170	22,267	150	8	0.074	1.42	0.94	0.62	0.22	3.21	1.31	1.57	6.10
NT Plant-Rigid	10R-30	MFWD 190	24,909	150	8	0.075	1.44	1.06	0.70	0.25	3.46	1.48	1.74	6.69
NT Plant-Rigid	12R-20	MFWD 190	29,538	150	8	0.094	1.80	1.33	1.04	0.31	4.49	2.19	2.18	8.87
NT Plant-Rigid	12R-30	MFWD 190	41,548	150	8	0.062	1.20	0.88	0.97	0.21	3.28	2.06	1.45	6.79
Paratill & Bed	4R-30	MFWD 225	8,169	150	12	0.204	1.96	3.43	0.60	0.78	6.77	1.16	5.37	13.31
Paratill & Bed	4R-38	MFWD 225	8,887	150	12	0.160	1.54	2.70	0.51	0.61	5.37	0.99	4.22	10.60
Paratill & Bed	6R-30	MFWD 225	11,255	150	12	0.136	1.30	2.28	0.55	0.52	4.67	1.06	3.58	9.31
Paratill & Bed	6R-38	MFWD 225	14,147	150	12	0.107	1.03	1.80	0.54	0.41	3.79	1.06	2.82	7.68
Paratill & Bed	8R-30	MFWD 225	15,519	150	12	0.102	0.98	1.71	0.57	0.39	3.66	1.10	2.68	7.45
Paratill & Bed	8R382X1	MFWD 225	39,116	150	12	0.053	0.51	0.90	0.75	0.20	2.38	1.46	1.41	5.26
Paratill & Bed Fold.	8R-38	MFWD 225	25,283	150	12	0.080	0.77	1.35	0.73	0.30	3.17	1.42	2.12	6.72
Paratill & Bed Fold.	12R-38	MFWD 225	39,116	150	12	0.053	0.51	0.90	0.75	0.20	2.38	1.46	1.41	5.26
Paratill & Bed Rigid	8R-38	MFWD 225	16,930	150	12	0.080	0.77	1.35	0.49	0.30	2.93	0.95	2.12	6.00
Pipe Drag	30'	2WD 150	500	100	12	0.051	0.49	0.57	0.00	0.12	1.21	0.02	0.82	2.06
Pipe Spool 160ac	1/4m roll	2WD 130	2,550	15	12	0.003	0.09	0.03	0.00	0.00	0.13	0.05	0.04	0.23
Pipe Trailer 1m/160a	30'	2WD 130	1,020	100	15	0.003	0.18	0.03	0.00	0.00	0.22	0.00	0.05	0.28
Plant & Pre Folding	8R-38	MFWD 170	32,921	150	8	0.077	1.48	0.97	0.95	0.23	3.65	2.01	1.63	7.30
Plant & Pre Folding	8R38 2x1	MFWD 170	43,500	150	8	0.051	0.98	0.65	0.83	0.15	2.63	1.77	1.08	5.49
Plant & Pre Folding	10R-30	MFWD 190	38,487	150	8	0.078	1.49	1.10	1.12	0.26	3.99	2.38	1.81	8.19
Plant & Pre Folding	10R-38	MFWD 190	40,361	150	8	0.061	1.18	0.87	0.93	0.20	3.19	1.96	1.43	6.59
Plant & Pre Folding	12R-20	MFWD 190	44,261	150	8	0.097	1.87	1.38	1.62	0.33	5.20	3.42	2.26	10.89
Plant & Pre Folding	12R-30	MFWD 190	43,469	150	8	0.065	1.24	0.92	1.06	0.22	3.45	2.24	1.51	7.20
Plant & Pre Folding	12R-38	MFWD 190	43,500	150	8	0.051	0.98	0.72	0.83	0.17	2.72	1.77	1.19	5.69
Plant & Pre Folding	16R-30	MFWD 190	62,837	150	8	0.048	0.93	0.69	1.15	0.16	2.94	2.42	1.13	6.50
Plant & Pre Folding	23R-15	MFWD 190	69,908	150	8	0.067	1.30	0.96	1.77	0.22	4.26	3.75	1.57	9.59
Plant & Pre Folding	24R-20	MFWD 190	80,599	150	8	0.048	0.93	0.69	1.47	0.16	3.27	3.11	1.13	7.51
Plant & Pre Folding	24R-30	MFWD 190	100,242	150	8	0.032	0.62	0.46	1.22	0.11	2.41	2.58	0.75	5.75
Plant & Pre Rigid	4R-30	2WD 130	17,377	150	8	0.195	3.74	1.89	1.27	0.42	7.33	2.68	2.78	12.80

Appendix Table 3. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre Louisiana, 2005

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-----							
Plant & Pre Rigid	4R-38	2WD 130	18,077	150	8	0.153	2.95	1.49	1.04	0.33	5.81	2.20	2.18	10.20
Plant & Pre Rigid	6R-30	MFWD 150	21,813	150	8	0.130	2.49	1.45	1.06	0.36	5.38	2.24	2.37	10.00
Plant & Pre Rigid	6R-38	MFWD 150	22,618	150	8	0.102	1.97	1.15	0.87	0.28	4.27	1.84	1.87	7.99
Plant & Pre Rigid	8R-22	MFWD 170	23,549	150	8	0.132	2.55	1.68	1.17	0.41	5.81	2.47	2.81	11.11
Plant & Pre Rigid	8R-30	MFWD 170	25,495	150	8	0.097	1.87	1.23	0.93	0.30	4.34	1.97	2.06	8.38
Plant & Pre Rigid	8R-38	MFWD 170	24,790	150	8	0.077	1.48	0.97	0.71	0.23	3.41	1.51	1.63	6.56
Plant & Pre Rigid	10R-30	MFWD 190	26,806	150	8	0.078	1.49	1.10	0.78	0.26	3.65	1.65	1.81	7.12
Plant & Pre Rigid	12R-20	MFWD 190	30,767	150	8	0.097	1.87	1.38	1.12	0.33	4.71	2.37	2.26	9.36
Plant & Pre Rigid	12R-30	MFWD 190	42,778	150	8	0.065	1.24	0.92	1.04	0.22	3.43	2.20	1.51	7.15
Plant - Folding	8R-38	MFWD 170	27,845	150	8	0.074	1.42	0.94	0.77	0.22	3.37	1.63	1.57	6.58
Plant - Folding	8R-38 2x1	MFWD 170	38,457	150	8	0.049	0.95	0.62	0.71	0.15	2.44	1.50	1.04	5.00
Plant - Folding	10R-30	MFWD 190	33,411	150	8	0.075	1.44	1.06	0.94	0.25	3.70	1.98	1.74	7.44
Plant - Folding	10R-38	MFWD 190	35,285	150	8	0.059	1.13	0.84	0.78	0.20	2.96	1.65	1.37	6.00
Plant - Folding	12R-20	MFWD 190	39,185	150	8	0.094	1.80	1.33	1.38	0.31	4.83	2.91	2.18	9.93
Plant - Folding	12R-30	MFWD 190	38,393	150	8	0.062	1.20	0.88	0.90	0.21	3.20	1.90	1.45	6.56
Plant - Folding	12R-38	MFWD 190	38,457	150	8	0.049	0.95	0.70	0.71	0.16	2.53	1.50	1.14	5.18
Plant - Folding	16R-30	MFWD 190	57,793	150	8	0.047	0.90	0.66	1.01	0.15	2.74	2.15	1.09	5.98
Plant - Folding	23R-15	MFWD 190	64,832	150	8	0.065	1.25	0.92	1.58	0.22	3.98	3.35	1.51	8.85
Plant - Folding	24R-20	MFWD 190	75,555	150	8	0.047	0.90	0.66	1.33	0.15	3.06	2.81	1.09	6.96
Plant - Folding	24R-30	MFWD 190	93,695	150	8	0.031	0.60	0.44	1.10	0.10	2.25	2.32	0.72	5.30
Plant - Rigid	4R-30	2WD 130	12,301	150	8	0.188	3.61	1.82	0.86	0.40	6.70	1.83	2.67	11.21
Plant - Rigid	4R-38	2WD 130	13,001	150	8	0.148	2.84	1.43	0.72	0.31	5.32	1.52	2.10	8.95
Plant - Rigid	6R-30	MFWD 150	16,737	150	8	0.125	2.40	1.40	0.78	0.34	4.94	1.66	2.28	8.89
Plant - Rigid	6R-38	MFWD 150	17,542	150	8	0.098	1.90	1.10	0.65	0.27	3.93	1.37	1.80	7.11
Plant - Rigid	8R-22	MFWD 170	18,473	150	8	0.127	2.45	1.62	0.88	0.39	5.35	1.87	2.71	9.94
Plant - Rigid	8R-30	MFWD 170	20,419	150	8	0.094	1.80	1.19	0.71	0.29	4.00	1.52	1.99	7.52
Plant - Rigid	8R-38	MFWD 170	19,714	150	8	0.074	1.42	0.94	0.54	0.22	3.14	1.16	1.57	5.88
Plant - Rigid	10R-30	MFWD 190	21,730	150	8	0.075	1.44	1.06	0.61	0.25	3.37	1.29	1.74	6.41
Plant - Rigid	12R-20	MFWD 190	25,691	150	8	0.094	1.80	1.33	0.90	0.31	4.36	1.91	2.18	8.45
Plant - Rigid	12R-30	MFWD 190	37,702	150	8	0.062	1.20	0.88	0.88	0.21	3.19	1.87	1.45	6.51
Plant - Rigid	15R-15	2WD 150	28,654	150	8	0.094	1.80	1.05	1.01	0.22	4.09	2.13	1.50	7.73
Pull Levee (1m/80a)	4 blade	2WD 50	3,180	100	10	0.003	0.03	0.01	0.00	0.00	0.05	0.01	0.01	0.07
Rice Grain Cart	500 Bu	MFWD 190	15,237	200	12	0.288	2.76	4.09	1.19	0.97	9.02	2.09	6.69	18.01
Rice Grain Cart	700 Bu	MFWD 190	19,105	200	12	0.253	2.43	3.59	1.31	0.85	8.20	2.53	5.89	16.63
Roller	32'	MFWD 170	5,610	100	12	0.046	0.44	0.59	0.04	0.14	1.22	0.27	0.98	2.49
Rotary Cutter	7'	MFWD 130	3,319	185	10	0.168	1.61	1.63	0.45	0.41	4.11	0.35	2.72	7.19
Rotary Cutter	12'	2WD 150	7,661	185	10	0.098	0.94	1.09	0.61	0.23	2.89	0.47	1.57	4.93
Rotary Cutter	15'	2WD 50	12,443	185	10	0.078	0.75	0.29	0.79	0.04	1.88	0.61	0.29	2.79
Row Cond & Inc	13'	2WD 130	9,202	100	10	0.129	1.86	1.25	0.29	0.28	3.70	1.38	1.84	6.94
Row Cond & Inc	21'	2WD 170	11,572	100	10	0.080	1.15	1.01	0.23	0.21	2.62	1.08	1.49	5.20
Row Cond & Inc	27'	MFWD 190	13,972	100	10	0.062	0.90	0.88	0.21	0.21	2.21	1.01	1.45	4.68
Row Cond & Inc	32'	MFWD 225	17,382	100	10	0.052	0.75	0.88	0.22	0.20	2.07	1.06	1.38	4.52
Row Cond & Inc	42'	MFWD 225	20,400	100	10	0.040	0.57	0.67	0.20	0.15	1.61	0.95	1.05	3.62
Row Cond (Harrow)	13'	2WD 130	4,670	100	10	0.114	1.10	1.11	0.13	0.24	2.59	0.62	1.63	4.85
Row Cond (Harrow)	21'	2WD 170	7,040	100	10	0.071	0.68	0.90	0.12	0.19	1.90	0.58	1.32	3.80
Row Cond (Harrow)	27'	MFWD 190	9,440	100	10	0.055	0.53	0.78	0.13	0.18	1.63	0.60	1.28	3.52
Row Cond (Harrow)	32'	MFWD 225	12,850	100	10	0.046	0.44	0.78	0.14	0.17	1.56	0.69	1.22	3.48
Row Cond (Harrow)	42'	MFWD 225	15,582	100	10	0.035	0.34	0.59	0.13	0.13	1.21	0.64	0.93	2.79
Row Cond (Plant)	13'	2WD 130	4,670	100	10	0.157	1.50	1.52	0.18	0.33	3.55	0.85	2.23	6.64
Row Cond (Plant)	21'	2WD 170	7,040	100	10	0.097	0.93	1.23	0.17	0.26	2.60	0.79	1.81	5.21
Row Cond (Plant)	27'	MFWD 190	9,440	100	10	0.075	0.72	1.07	0.17	0.25	2.23	0.82	1.75	4.82
Row Cond (Plant)	32'	MFWD 225	12,850	100	10	0.063	0.61	1.07	0.20	0.24	2.13	0.95	1.67	4.76
Row Cond (Plant)	42'	MFWD 225	15,582	100	10	0.048	0.46	0.81	0.18	0.18	1.65	0.88	1.27	3.81
RT Cult (Early)	8R-30	2WD 170	17,933	200	12	0.103	0.99	1.30	0.88	0.27	3.46	0.99	1.92	6.38
RT Cult (Early)	12R-30	2WD 190	26,204	200	12	0.068	0.66	0.97	0.86	0.21	2.71	0.96	1.46	5.14
RT Cult (Late)	8R-30	2WD 170	17,933	200	12	0.128	1.23	1.63	1.10	0.34	4.33	1.24	2.40	7.97
RT Cult (Late)	12R-30	2WD 190	26,204	200	12	0.085	0.82	1.21	1.07	0.26	3.38	1.20	1.83	6.43
RT Cult + PD (Early)	8R-30	2WD 150	17,933	200	12	0.103	1.48	1.15	0.88	0.24	3.77	0.99	1.64	6.41
RT Cult + PD (Early)	12R-30	MFWD 225	26,204	200	12	0.068	0.99	1.15	0.86	0.26	3.27	0.96	1.80	6.04
RT Cult + PD (Late)	8R-30	2WD 170	17,933	200	12	0.128	1.85	1.63	1.10	0.34	4.94	1.24	2.40	8.59
RT Cult + PD (Late)	12R-30	2WD 190	26,204	200	12	0.085	1.23	1.21	1.07	0.26	3.80	1.20	1.83	6.84
SC 3Row (Cover)	18 ft	MFWD 150	10,750	200	9	0.120	1.15	1.34	1.43	0.33	4.27	0.52	2.19	7.00
SC 3Row (Hipper)	18 ft	MFWD 150	10,500	200	9	0.120	1.15	1.34	0.68	0.33	3.51	0.88	2.19	6.59
SC 3Row (Marker)	18 ft	MFWD 150	8,800	200	9	0.120	1.15	1.34	0.58	0.33	3.41	0.74	2.19	6.35
SC 3Row (Offbar)	18 ft	MFWD 150	11,500	200	10	0.120	1.15	1.34	0.69	0.33	3.51	0.90	2.19	6.61
SC 3Row (Opener)	18 ft	MFWD 150	7,800	200	10	0.120	1.15	1.34	0.46	0.33	3.29	0.61	2.19	6.10
SC 3Row Plow	18 ft	MFWD 190	17,000	200	9	0.120	1.15	1.70	1.11	0.40	4.37	1.43	2.78	8.59
SC Blade	8 ft	MFWD 150	3,500	100	12	0.877	8.42	9.82	2.55	2.42	23.22	2.56	16.01	41.80
SC Boom Sprayer	16 ft	MFWD 150	2,900	150	10	0.120	1.15	1.34	0.25	0.33	3.08	0.30	2.19	5.57
SC Burning Unit	18 ft	2WD 105	1,300	85	6	0.149	1.43	1.17	0.24	0.24	3.10	0.43	1.60	5.15
SC Cane Planters Aid	6 ft	MFWD 150	4,500	20	20	1.000	9.60	11.19	8.43	2.76	31.99	19.67	18.25	69.92



Appendix Table 3. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre Louisiana, 2005

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---		Total Direct	--Fixed--		Total Cost
									Imp.	P.U.		Imp.	P.U.	
			dollars	hours	years	hr/ac	-----\$/acre-----							
SC Cane Plt-1R Bille	1 row	MFWD 150	22,000	150	20	0.670	6.43	7.50	3.68	1.85	19.47	8.59	12.22	40.29
SC Cane Plt-3R Bille	3 row	2WD 50	34,000	50	20	0.200	1.92	0.74	5.10	0.11	7.87	11.89	0.74	20.51
SC Cane Plt-Whlstalk	6 ft	MFWD 150	22,000	150	20	0.670	6.43	7.50	3.68	1.85	19.47	8.59	12.22	40.29
SC Cane Wagon 10T	10 Ton	MFWD 150	7,500	400	15	0.330	3.48	4.06	0.41	1.00	8.96	0.62	6.02	15.61
SC Cane Wgn Billt HD	10Ton	MFWD 150	25,000	400	9	0.330	3.48	4.06	3.43	1.00	11.99	2.82	6.02	20.83
SC Chisel Plow	13 ft	MFWD 190	6,000	200	6	0.219	2.10	3.11	0.96	0.74	6.93	1.26	5.10	13.30
SC Chisel Plow	23 ft	MFWD 190	12,000	200	6	0.120	1.15	1.70	0.49	0.40	3.75	1.38	2.78	7.92
SC Cultimulcher	12 ft	2WD 105	5,500	120	15	0.110	1.05	0.86	0.29	0.17	2.39	0.51	1.18	4.08
SC Cultivate + Post	6 Row	2WD 170	8,200	200	10	0.110	1.05	1.39	0.39	0.29	3.14	0.59	2.05	5.78
SC Cultivator	30" 6 Row	2WD 150	5,350	200	10	0.140	1.34	1.56	0.32	0.33	3.58	0.49	2.24	6.31
SC Disk	12 ft	2WD 50	8,500	200	10	0.149	1.43	0.55	0.56	0.08	2.64	0.83	0.55	4.03
SC Disk	20 ft	MFWD 190	17,500	200	10	0.100	0.96	1.41	0.77	0.33	3.48	1.14	2.32	6.95
SC Disk	26 ft	2WD 170	21,000	200	10	0.069	0.67	0.88	0.64	0.18	2.39	0.96	1.30	4.66
SC Disk + Pre	6 row	2WD 170	9,250	200	10	0.100	0.96	1.26	0.40	0.27	2.90	0.60	1.86	5.37
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	0.44	0.13	0.08	1.43	0.14	0.55	2.13
SC Fert 3Row Lq App	18 ft	MFWD 150	7,000	200	10	0.130	1.24	1.45	0.36	0.35	3.42	0.59	2.37	6.39
SC Fert DryslngApp	42 ft	MFWD 150	6,500	150	10	0.059	0.57	0.67	0.22	0.16	1.64	0.34	1.09	3.07
SC Flat Roller	18 ft	MFWD 150	1,400	75	9	0.190	1.82	2.12	0.47	0.52	4.95	0.50	3.47	8.92
SC Hauling Hitch	6 ft	4WD 225	1,000	500	15	1.000	9.60	16.79	0.13	3.76	30.28	0.20	25.83	56.32
SC Land Plane	15 ft	MFWD 150	10,000	200	15	0.300	2.88	3.36	0.66	0.83	7.73	1.52	5.48	14.74
SC Rotary Ditcher	6 ft	MFWD 150	12,500	100	10	0.250	2.40	2.79	3.12	0.69	9.01	4.09	4.56	17.67
SC Rotary Hoe	18 ft	2WD 130	4,500	75	12	0.080	0.76	0.77	0.41	0.17	2.12	0.55	1.13	3.81
SC Rotary Mower	13.1 ft	MFWD 75	7,000	150	10	0.250	2.40	1.39	0.51	0.26	4.57	1.52	1.74	7.84
SC Rototiller	18 ft	MFWD 190	20,000	150	10	0.219	2.10	3.11	3.51	0.74	9.48	3.83	5.10	18.42
SC Tractor Blade	6 ft	2WD 105	3,500	100	15	1.000	9.60	7.83	0.86	1.62	19.92	3.55	10.73	34.21
SC Tractor Spreader	20 ft	2WD 105	700	150	10	0.110	1.05	0.86	0.04	0.17	2.14	0.06	1.18	3.39
SC Trailer Utility	10 ft	2WD 130	2,000	200	15	1.000	9.60	9.70	0.23	2.15	21.69	1.01	14.23	36.94
SCMechanical Planter	6 ft	MFWD 150	15,500	160	10	1.000	9.60	11.19	7.26	2.76	30.82	12.69	18.25	61.77
Spin Spreader	5 ton	MFWD 190	5,801	100	8	0.042	0.80	0.59	0.13	0.14	1.68	0.30	0.97	2.96
Spin Spreader	5 ton	MFWD 190	5,801	100	8	0.042	0.80	0.59	0.13	0.14	1.68	0.30	0.97	2.96
Spray (Band)	27'	MFWD 170	5,076	200	8	0.062	0.90	0.79	0.14	0.19	2.04	0.19	1.32	3.56
Spray (Band)	40'	MFWD 170	5,043	200	8	0.042	0.60	0.53	0.10	0.13	1.37	0.13	0.89	2.40
Spray (Band)	50'	MFWD 170	4,986	200	8	0.033	0.48	0.42	0.07	0.10	1.10	0.10	0.71	1.92
Spray (Band)	53'	MFWD 170	5,758	200	8	0.031	0.45	0.40	0.08	0.09	1.04	0.11	0.67	1.84
Spray (Band)	60'	MFWD 170	6,547	200	8	0.028	0.40	0.35	0.08	0.08	0.93	0.11	0.59	1.65
Spray (Bcast/HB)	13' Rigid	MFWD 150	4,356	200	8	0.130	1.87	1.45	0.26	0.36	3.95	0.35	2.37	6.68
Spray (Bcast/HB)	20' Rigid	2WD 50	5,148	200	8	0.084	1.21	0.31	0.20	0.04	1.78	0.26	0.31	2.37
Spray (Bcast/HB)	27' Fold	MFWD 170	7,398	200	8	0.062	0.90	0.79	0.21	0.19	2.10	0.28	1.32	3.72
Spray (Bcast/HB)	27' Rigid	MFWD 170	5,910	200	8	0.062	0.90	0.79	0.17	0.19	2.06	0.22	1.32	3.62
Spray (Bcast/HB)	30' Fold	MFWD 170	9,565	200	8	0.056	0.81	0.71	0.25	0.17	1.95	0.33	1.19	3.48
Spray (Bcast/HB)	40' Fold	MFWD 170	10,627	200	8	0.042	0.60	0.53	0.21	0.13	1.48	0.27	0.89	2.66
Spray (Bcast/HB/HD)	27'	MFWD 170	16,389	200	8	0.062	0.90	0.79	0.48	0.19	2.37	0.63	1.32	4.33
Spray (Bcast/HB/HD)	40'	MFWD 170	19,819	200	8	0.042	0.60	0.53	0.39	0.13	1.66	0.51	0.89	3.08
Spray (Broadcast)	27'	MFWD 170	5,076	200	8	0.062	0.90	0.79	0.14	0.19	2.04	0.19	1.32	3.56
Spray (Broadcast)	40'	MFWD 170	5,043	200	8	0.042	0.60	0.53	0.10	0.13	1.37	0.13	0.89	2.40
Spray (Broadcast)	50'	MFWD 170	4,986	200	8	0.033	0.48	0.42	0.07	0.10	1.10	0.10	0.71	1.92
Spray (Broadcast)	53'	MFWD 170	5,758	200	8	0.031	0.45	0.40	0.08	0.09	1.04	0.11	0.67	1.84
Spray (Broadcast)	60'	MFWD 170	6,547	200	8	0.028	0.40	0.35	0.08	0.08	0.93	0.11	0.59	1.65
Spray (Direct/Hood)	8R-30	MFWD 170	10,620	200	8	0.084	1.21	1.07	0.42	0.26	2.97	0.55	1.79	5.32
Spray (Direct/Hood)	8R-38	MFWD 170	13,253	200	8	0.066	0.96	0.84	0.41	0.20	2.43	0.54	1.41	4.40
Spray (Direct/Hood)	12R-30	MFWD 170	14,126	200	8	0.056	0.81	0.71	0.37	0.17	2.07	0.49	1.19	3.76
Spray (Direct/Hood)	12R-38	MFWD 170	16,124	200	8	0.044	0.64	0.56	0.33	0.13	1.68	0.44	0.94	3.06
Spray (Direct/Layby)	8R-30	MFWD 170	6,008	200	8	0.084	1.21	1.07	0.23	0.26	2.79	0.31	1.79	4.90
Spray (Direct/Layby)	8R-38	MFWD 170	7,598	200	8	0.066	0.96	0.84	0.23	0.20	2.25	0.31	1.41	3.98
Spray (Direct/Layby)	8R-38 2x1	MFWD 170	14,300	200	8	0.044	0.64	0.56	0.29	0.13	1.64	0.39	0.94	2.98
Spray (Direct/Layby)	10R-30	MFWD 170	6,759	200	8	0.067	0.97	0.85	0.21	0.20	2.25	0.28	1.43	3.97
Spray (Direct/Layby)	12R-30	MFWD 170	7,702	200	8	0.056	0.81	0.71	0.20	0.17	1.90	0.26	1.19	3.37
Spray (Direct/Layby)	12R-38	MFWD 170	14,300	200	8	0.044	0.64	0.56	0.29	0.13	1.64	0.39	0.94	2.98
Spray (Direct/Layby)	16R-20	MFWD 170	8,071	200	8	0.063	0.91	0.80	0.23	0.19	2.15	0.31	1.34	3.81
Spray (Spot)	27'	MFWD 170	5,076	200	8	0.062	0.90	0.79	0.14	0.19	2.04	0.19	1.32	3.56
Spray (Spot)	40'	MFWD 170	5,043	200	8	0.042	0.60	0.53	0.10	0.13	1.37	0.13	0.89	2.40
Spray (Spot)	50'	MFWD 170	4,986	200	8	0.033	0.48	0.42	0.07	0.10	1.10	0.10	0.71	1.92
Spray (Spot)	53'	MFWD 170	5,758	200	8	0.031	0.45	0.40	0.08	0.09	1.04	0.11	0.67	1.84
Spray (Spot)	60'	MFWD 170	6,547	200	8	0.028	0.40	0.35	0.08	0.08	0.93	0.11	0.59	1.65
Stalk Shredder	14'	MFWD 150	10,081	200	10	0.117	1.13	1.31	1.03	0.32	3.81	0.68	2.15	6.65
Stalk Shredder	20'	MFWD 150	20,267	200	10	0.082	0.79	0.92	1.46	0.22	3.40	0.97	1.50	5.88
Stalk Shredder-Flail	12'	MFWD 150	12,611	200	10	0.137	1.32	1.53	1.51	0.38	4.75	1.00	2.50	8.27
Stalk Shredder-Flail	20'	MFWD 150	15,934	200	10	0.082	0.79	0.92	1.15	0.22	3.09	0.76	1.50	5.36
Subsoiler	3 shank	MFWD 190	3,520	100	15	0.204	1.96	2.89	0.23	0.69	5.78	0.67	4.74	11.20
Subsoiler	4 shank	MFWD 225	4,806	100	15	0.153	1.47	2.57	0.24	0.58	4.88	0.68	4.03	9.61
Subsoiler	5 shank	MFWD 225	5,118	100	15	0.122	1.17	2.05	0.20	0.46	3.90	0.58	3.21	7.70

Appendix Table 3. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre Louisiana, 2005

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---		Total	--Fixed--		Total Cost
			dollars	hours	years	hr/ac			Imp.	P.U.	Direct	Imp.	P.U.	
-----\$/acre-----														
Subsoiler low-till	4 shank	MFWD 225	7,900	100	15	0.153	1.47	2.57	0.40	0.58	5.04	1.13	4.03	10.21
Subsoiler low-till	6 shank	MFWD 225	10,955	100	15	0.102	0.98	1.71	0.37	0.39	3.46	1.04	2.68	7.18
Subsoiler low-till	8 shank	MFWD 225	13,542	100	15	0.076	0.73	1.28	0.34	0.29	2.65	0.96	2.01	5.63
TerraTill Bed w/roll	4R-38	MFWD 225	9,370	150	12	0.160	1.54	2.70	0.54	0.61	5.40	1.05	4.22	10.68
TerraTill Bed w/roll	6R-38	MFWD 225	12,613	150	12	0.107	1.03	1.80	0.48	0.41	3.73	0.94	2.82	7.51
TerraTill Bed w/roll	4R30	MFWD 225	9,370	150	12	0.204	1.96	3.43	0.69	0.78	6.86	1.33	5.37	13.57
TerraTill Bed w/roll	6R30	MFWD 225	12,613	150	12	0.136	1.30	2.28	0.62	0.52	4.73	1.19	3.58	9.51

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, 2005

ADJUVANTS	Unit	Price		Unit	Price
Oil ( Seed Oil)	pt	2.15	Stiletto	oz	0.52
Crop Oil (Petroleum)	pt	0.95	Stratego	pt	18.40
Surfactant	pt	1.54	Terrachlor Flowable	pt	4.74
CUSTOM FERT/LIME			Terraclor 2EC	pt	1.90
App Fert by Air	cwt	4.75	Terraclor Super X EC	pt	3.69
App Fert by Air(Min)	appl	4.75	Terraclor Super X G	lb	2.32
Custom Apply Fert	acre	5.00	Tilt 3.6 EC	oz	2.53
Custom Spread(Truc	appl	4.50	Vitavax 200	oz	0.43
Lime (Spread)	ton	32.00	Vitavax RTU-Thiram	oz	0.28
			Vitavax T-L	oz	0.29
CUSTOM SPRAY			GIN/DRY		
App by Air ( 2 gal)	appl	2.50	Dry Corn	bu	0.19
App by Air ( 3 gal)	appl	3.00	Dry Grain Sorghum	cwt	0.25
App by Air ( 5 gal)	appl	4.00	Dry Rice	bu	0.40
App by Air (10 gal)	appl	6.00	Gin	lb	0.08
Custom Apply	acre	4.00	LARice Dry	cwt	0.90
Custom Terragator	acre	4.00	GROWTH REGULATORS		
FERTILIZERS			Early Harvest PGR	oz	1.55
Amm Nitrate (34% N)	cwt	10.65	LA Polado	oz	0.38
Amm Sulfate (21% N)	cwt	8.20	Mepex	oz	0.52
Boron (Solubor)	lb	0.66	PGR IV	oz	1.65
DAP	cwt	12.70	Pix Plus	oz	0.51
Fert 10-34-0	cwt	11.85	HARVEST AIDS		
Fert 41-0-0-4	cwt	13.15	Accelerate	pt	2.98
LA Nitrogen	lb	0.30	Ammonium Sulfate	lb	0.18
LA Phosphate	lb	0.26	Boll'd	pt	6.79
LA Potash	lb	0.15	CottonQuik	pt	3.51
Phosphorus(46% P2O5)	cwt	11.55	Def 6	pt	5.86
Potash (60% K2O)	cwt	8.25	Def/Folex	pt	5.86
Sulfur	lb	0.21	Dropp 50 WP	lb	58.80
UAN (32% N)	cwt	8.75	Dropp SC	oz	3.78
UAN + Sulfur (28% N)	cwt	8.90	Ethephon 6E	pt	6.09
Urea, Solid (46% N)	cwt	11.80	Finish 6	pt	10.65
Zinc	lb	0.24	Folex 6EC	pt	5.86
FUNGICIDES			Ginstar EC	pt	24.38
Apron Maxx RTA	oz	0.77	Gramoxone Max	pt	5.02
Apron XL	oz	9.08	Harvade 5F	oz	0.72
Apron XL LS	oz	6.58	Leafless	pt	18.56
Benlate 50 WP	lb	15.95	Prep	pt	5.79
Captan 4L	pt	2.83	Solium Chlorate 6L	gal	4.35
Captan 50 WP	lb	3.03	HERBICIDES		
Delta Coat AD	oz	3.75	2,4-D Amine 4	pt	1.64
Dithane F-45	qt	2.62	2,4-D Ester	pt	1.78
Dithane Rainsheild	pt	2.52	AAtrex 4L	pt	1.40
Fungicide	lb	2.32	AAtrex NINE-O	lb	2.41
Gem 25 WG	oz	3.25	Accent Gold	oz	7.35
Manzate 75 DF	lb	2.58	Accent SP	oz	31.10
Manzate Flowable	pt	1.69	Aim 2EC	oz	5.43
Moncut 70 DF	lb	24.15	Aim DF	oz	7.48
Orbit	oz	3.40	Arrosolo	qt	7.12
Prevail	lb	27.10	Assure II	oz	1.01
Quadris	oz	2.12	Atrazine 4L	pt	1.26
Ridomil Gold PC	lb	1.90			
Rovral 4F	pt	18.80			

Appendix Table 4. Operating Inputs: Estimated Prices, Louisiana, 2005

	Unit	Price		Unit	Price
Atrazine 90DF	lb	2.31	FloMet 4L	pt	4.58
Authority 75DF	lb	26.40	Front Row	oz	20.96
Axiom 68DF	lb	17.57	Frontier 6.0	oz	0.65
Backdraft	pt	2.42	Fultime	pt	3.71
Banvel	pt	10.29	Fusilade DX	oz	1.05
Basagran	pt	9.59	Fusion	pt	17.90
Basis Gold	lb	19.19	Glyfos	pt	2.56
Beacon 75% WSP	oz	25.78	Glyphomax	pt	3.88
Beyond	oz	4.11	Glystar Plus	pt	2.84
Bicep II Magnum	qt	10.32	Goal 2XL	pt	11.27
Bladex 4L	qt	7.80	Gramoxone Max	pt	5.02
Blazer Ultra	pt	8.69	Gramoxone Max	pt	5.02
Boa	pt	3.63	Grandstand R	qt	20.71
Bolero 8EC	pt	4.66	Guardzman	pt	4.74
Boundary	pt	9.57	Guardzman Max	pt	5.28
Bucril 4EC	pt	13.65	Harmony Extra	oz	12.48
Butoxone 175(2,4-DB)	pt	2.81	Hoelon 3EC	pt	8.26
Butoxone 200(2,4-DB)	pt	3.75	Karmex DF	lb	3.85
Butyrac 175 (2,4-DB)	pt	2.59	LA Asulox	gal	47.75
Butyrac 200 (2,4-DB)	pt	3.74	LA Weedmaster	gal	24.79
Canopy XL	oz	2.33	Lariat	qt	2.49
Caparol 4L	pt	3.59	Lasso 4EC	qt	5.92
Celebrity Plus	lb	81.16	Layby Pro	qt	9.00
Clarity	pt	11.36	Lexone 75DF	lb	18.90
Classic	oz	12.60	Liberty	pt	8.01
Clincher EC	oz	1.63	Lightning	oz	11.40
Cobra 2EC	oz	1.08	Linex 4L	pt	6.35
Command 3ME	pt	10.36	Londax 60DF	oz	14.95
Conclude XACT	pt	7.69	Lorox 50DF	lb	13.99
Conclude XTRA	pt	8.32	MSMA 6.6	pt	2.06
			MSMA6 + Surfactant	pt	2.26
Cotoran 4L	pt	4.34	Newpath 2SL	oz	3.98
Cotoran DF	lb	7.07	Ordram 15-G	lb	1.13
Cotton Pro Flowable	pt	3.34	Ordram 8-E	pt	6.99
Crossbow	pt	6.43	Outlook	pt	17.66
Delta Goal	pt	9.79	Pendimax 3.3	pt	2.58
Denim 0.16 EC	pt	23.84	Permit 75DF	oz	15.65
Detail	pt	7.99	Poast 1.53	pt	8.38
Direx 4L	pt	2.14	Poast Plus	pt	6.27
Direx 80 DF	lb	3.51	Propanil 4E	qt	5.30
Diuron 4L	pt	2.34	Prowl 3.3 EC	pt	2.61
Diuron 80 DF	lb	3.58	Pursuit DG	oz	11.24
Domain 60DF	lb	12.54	Pursuit Plus EC	pt	6.18
DSMA 4	pt	0.84	Python WDG	oz	9.38
Dual 8E	pt	0.00	Raptor	oz	4.02
Dual II Magnum	pt	13.49	Reflex 2LC	pt	11.49
Dual Magnum	pt	12.73	Regiment 80WP	oz	37.54
Duet	pt	3.15	Remedy	pt	11.41
Evik DF 80W	lb	6.21	Resource .86EC	pt	20.58
Exceed	oz	11.05	Ricestar	pt	20.36
Exceed Custom Pak	oz	11.22	Roundup Original	pt	4.05
			Roundup Original Max	pt	5.98
Facet 75DF	lb	49.51	Roundup Ultra MAX	pt	6.84
First Rate	oz	25.98	Roundup Ultra Dry	lb	8.51
Flexstar HL	pt	12.43			

Appendix Table 4. Operating Inputs: Estimated Prices, Louisiana, 2005

	Unit	Price		Unit	Price
Roundup WeatherMax	oz	0.45	Mepichlor 4.2% Liq	pt	7.35
Scepter 70 DG	oz	3.53	Methyl Parathion	pt	3.67
Select 2EC	oz	1.48	Monitor 4	pt	11.27
Sencor 4F	pt	12.15	Monitor 4	pt	11.27
Sencor DF	lb	20.06	Mustang Max	oz	1.61
Squadron CE	pt	4.58	Orthene 90S	lb	9.84
Stam 4E	qt	7.86	Orthene 97	lb	12.26
Stam 80 EDF	lb	4.20	Penncap M	pt	3.47
Staple 85%	oz	18.70	Phaser 3E	qt	8.13
Staple Plus	oz	8.93	Pounce 25WP	lb	10.73
Steadfast	oz	20.81	Pounce 3.2 EC	oz	1.05
Storm	pt	10.50	Provado 1.6F	oz	3.81
Strongarm	oz	43.29	Sevin XLR Plus	qt	7.42
Superwham	qt	5.75	Spintor 2SC	oz	4.30
Suprend	lb	9.45	Steward	pt	19.88
Surpass 20G	lb	2.26	Temik 15G Grit	lb	3.51
Surpass EC	qt	18.22	Thimet 20-G	lb	2.50
Touchdown	qt	9.32	Thionex 3EC	pt	3.78
Touchdown 4 IQ	pt	3.91	Thionex 50W	lb	6.71
Treflan HFP	pt	3.19	Tracer	oz	6.05
Treflan TR-10	lb	0.89	Trimax	oz	5.30
Trifluralin 4EC	pt	2.11	Vydate C-LV	oz	0.53
Trilin 4EC	pt	2.12	Warrior Z	oz	2.14
Typhoon	qt	13.13			
Valor WP	oz	4.38	SEED/PLANTS		
Whip 360	pt	22.99	Corn Seed Bt	thous	1.60
Zorial Rapid 80DF	lb	14.29	Corn Seed BtRR	thous	1.88
			Corn Seed Conv.	thous	1.43
INSECTICIDES			Corn Seed RR	thous	1.50
Acephate 90SP	lb	8.92	Cotton Seed Bt	thoud	0.30
Admire 2 Flowable	oz	4.54	Cotton Seed BtRR	thous	0.33
Ammo 2.5 EC	oz	1.09	Cotton Seed Conv.	thous	0.30
Asana .66 XL	oz	0.71	Cotton Seed Liberty	thous	0.56
Aztec 2.1% G	lb	2.41	Cotton Seed RR	thous	0.31
Baythroid 2	oz	2.67	Cotton Seed RR	thous	0.31
Bidrin 8L	oz	0.70	Rice Clearfield 161	lb	0.45
Capture 2EC	oz	3.25	Rice Clearfield XL8	lb	3.46
Centric 40WG	oz	4.48	Rice Seed (Levees)	lb	0.21
Comite	pt	10.09	Rice Seed Cl(Levees)	lb	0.45
Confirm 2F	oz	1.36	Rice Seed Conv.	lb	0.21
			Rice Seed Hybrid	lb	2.75
Fury 1.5 EC	oz	1.30	SC Cultured seedcane	acre	460.00
Gaicho 480	oz	10.64	Sorghum Concept	lb	1.32
Intrepid 2F	oz	1.78	Sorghum NonConcept	lb	1.20
Intruder 70WP	oz	8.00	Soybean Seed Private	lb	0.38
Karate Z	oz	2.88	Soybean Seed RR	lb	0.56
Lannate LV	pt	6.96	Wheat Seed Private	lb	0.39
Lannate SP	oz	1.26			
Larvin 3.2	oz	0.47	SERVICE FEE		
Leverage 2.7	oz	2.99	Cotton storage	bale	25.00
Lorsban 15G	lb	1.74	Insect Scouting	acre	9.00
Lorsban 4E	pt	4.77	Module Hauling	bale	5.00
Malathion 57EC	pt	3.05	Rice Consultant	acre	7.00
Malathion 8E	pt	3.47	Survey & Mark Levees	acre	4.00
Malathion ULV	pt	3.62			

Appendix Table 4. Operating Inputs: Estimated Prices, Louisiana, 2005

TECHNOLOGY FEE	Unit	Price		Unit	Price
BG Cot Tech Fee	thous	0.57	BG/RR Cot Tech Fee	thous	0.93
BG Cot Tech Fee	cap/ac	32.00	BG/RR Cot Tech Fee	cap/ac	43.00
BG II Cot Tech Fee	thous	0.71	Eradication Fee	acre	6.00
BG II Cot Tech Fee	cap/ac	40.00	RR Cotton Tech Fee	thous	0.32
BG II/RR Tech Fee	thous	1.08	RR Cotton Tech Fee	cap/ac	14.50
BG II/RR Tech Fee	cap/ac	51.00			

Appendix Table 5. Estimated costs per Acre, Overhead Costs,  
 Tenant-Operator, Louisiana, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
HIRED LABOR					
Other labor	hour	9.60	0.7600	7.29	_____
OTHER					
Farmstead & drainage	dol	1.00	1.5700	1.57	_____
Utilities	dol	1.00	2.8100	2.81	_____
Misc. overhead	dol	1.00	1.6000	1.60	_____
Insurance	dol	1.00	2.2900	2.29	_____
OPERATOR LABOR					
Tractors	hour	9.60	0.1500	1.44	_____
Self-Propelled Eq.	hour	9.60	1.5000	14.40	_____
Shop bld. & equip.	hour	9.60	0.5800	5.56	_____
DIESEL FUEL					
Tractors	gal	1.45	0.3860	0.55	_____
Self-Propelled Eq.	gal	1.45	3.7500	5.43	_____
REPAIR & MAINTENANCE					
Implements	Acre,	0.11	1.0000	0.11	_____
Tractors	Acre,	0.08	1.0000	0.08	_____
Self-Propelled Eq.	Acre,	4.21	1.0000	4.21	_____
Shop bld. & equip.	acre	7.68	1.0000	7.68	_____
INTEREST ON OP. CAP.	Acre,	2.61	1.0000	2.61	_____
				-----	
TOTAL DIRECT EXPENSES				57.68	_____
FIXED EXPENSES					
Implements	Acre,	0.32	1.0000	0.32	_____
Tractors	Acre,	0.55	1.0000	0.55	_____
Self-Propelled Eq.	Acre,	10.42	1.0000	10.42	_____
Shop bld. & equip.	acre	6.55	1.0000	6.55	_____
				-----	
TOTAL FIXED EXPENSES				17.85	_____
				-----	
TOTAL SPECIFIED EXPENSES				75.54	_____

Appendix Table 6. Estimated costs per Acre, Overhead Costs, Owner-Operators, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
HIRED LABOR					
Other labor	hour	9.60	1.2700	12.19	_____
OTHER					
Farmstead & drainage	dol	1.00	4.2500	4.25	_____
Utilities	dol	1.00	4.7900	4.79	_____
Misc. overhead	dol	1.00	1.6000	1.60	_____
Insurance	dol	1.00	2.7300	2.73	_____
Property tax	dol	1.00	1.6000	1.60	_____
OPERATOR LABOR					
Tractors	hour	9.60	0.1500	1.44	_____
Self-Propelled Eq.	hour	9.60	1.5000	14.40	_____
Shop bld. & equip.	hour	9.60	0.5800	5.56	_____
DIESEL FUEL					
Tractors	gal	1.45	0.3860	0.55	_____
Self-Propelled Eq.	gal	1.45	3.7500	5.43	_____
REPAIR & MAINTENANCE					
Implements	Acre,	0.11	1.0000	0.11	_____
Tractors	Acre,	0.08	1.0000	0.08	_____
Self-Propelled Eq.	Acre,	4.21	1.0000	4.21	_____
Shop bld. & equip.	acre	7.68	1.0000	7.68	_____
INTEREST ON OP. CAP.	Acre,	3.12	1.0000	3.12	_____
TOTAL DIRECT EXPENSES				69.78	_____
FIXED EXPENSES					
Implements	Acre,	0.32	1.0000	0.32	_____
Tractors	Acre,	0.55	1.0000	0.55	_____
Self-Propelled Eq.	Acre,	10.42	1.0000	10.42	_____
Shop bld. & equip.	acre	6.55	1.0000	6.55	_____
TOTAL FIXED EXPENSES				17.85	_____
TOTAL SPECIFIED EXPENSES				87.64	_____